

Massey News Articles for 2015

Early death post World War I risk for returned soldiers
New Year Honours for Massey staff and alumni
Survey on what moves Palmy people
Terrorist attack challenges journalists' convictions
Degree aims to fill 'big data' skills shortage
2015 Institutional Review of Research
Marketing professor ranked 11th in world
New student accommodation agreement signed
New research finds Takahe have African cousins
New format for online 2015 University Calendar
West Coast valley rises as glaciers retreat
University Māori and Pasifika Women in Leadership Scholarships
O'Hara appointed director of teaching, learning and distance education
Healthy lifestyles encouraged at new nutrition clinic
Massey University welcomes invitation to be part of Māori research centre
OneMassey collaboration sites now live
Opinion: RMA reforms like a search for a unicorn
Japanese film season opens with Bread of Happiness
Young people overly optimistic about finances
Auckland light show, concert sponsored by Massey
Change of focus for National Events Team
Life drawing tutor and illustrator remembered
Research Strategy 2015-17 Development Workshop
Poll confirms web tool encouraged youth to vote
Home affordability heads for uncharted territory
Retail trends in 2015 and beyond
Wellington public workshop of handcrafted animation
Kenyon to head Massey vet sciences institute
New email signatures available
Two world cups, but where's the money?
Relay for Life Manawatū registrations open
'Mondayising' law change means holiday on April 27
New emergency procedures flipcharts distributed
Oiled wildlife response to go international
Art and science in Waiwhakaiho river project
Long-term success for kids triathlon series
Bi-annual bat birthing helps Ebola persist
Three big political issues for 2015 starting with 'H'
More accolades for paralympian
Massey ambassadors ready to spread the word
Opinion: Public support could save Blackcaps from choking
Driving New Zealand's future success north
Thai business leader to receive honorary doctorate
NZ students join prestigious international genome project
Opinion: Milk for Schools – great programme, wrong product
Moughan appointed to global food think tank
Ten years is a long time in banking
O' Week in full swing at all Massey campuses
Oil off a duck's back
Vigilance urged over media freedom rankings

Keep calm and carry on – men talk cancer
Multiple honours for Engineering Associate Professor
Massey students splash into record book
From laboratory to lecture hall success
Opinion: The truth about the BA – challenging urban myths
Artist sets sights on New Zealand glacier
Thomas first to win College of Health teaching award
Japanese classic film Hachiko to screen in March
Celebrating Massey University alumni
Straightening out Auckland's bus services
Conservation Minister starts wildlife hospital expansion
Opinion: Agile 21st century business skills
Minister talks housing at Finance 2015
Massey man on ensign re-design panel
Anzac theme for students' AFL guernsey design
Business design 'super coach' to benefit Massey
Clubs Day attracts large turn-out
Massey launches own publishing press
Opinion: Politicians' pay rises an annual embarrassment
Circus theme for Shakespeare's King Lear
Opinion: Making better business decisions
School supplies needed for Vanuatu neighbours
Dairying: how to do more with less
Mathematics solutions for industry problems
New Partnership Excellence Award announced
Massey honours top Thai business leader
A hair-raising fundraiser for Relay for Life
Opinion: Political reintegration of Sunni crucial to Iraq's recovery
Adamantly arguing for philosophy
Massey review says education plan needs fine-tuning
Experienced strategic leader new finance head
Delay in communicating threat questioned
PhD captures secret to cricket's success
Professor invited to celebrate oldest scientific journal
1080 milk threat likely to be personal, not political
Lear a king-hit for local theatre-goers
New book helps to de-mystify dyslexia
Women celebrate International Women's Day at Massey
Postgraduate internships aid security sector
Revolutionary agriculture imaging and more at Field Days
Massey's Casual Talent Pool is now open!
Maths toolkit valuable for disease control
HPV vaccination rates lower among the wealthy
Technology key to creating sustainable farm
Fonterra a winner at Defining Excellence event
Kiwi engineering team takes out Australasian prize
Community Accounting a win-win initiative
Career and volunteer expos on campus
'Off the Page' puts writing on the radar
No business case for skinny models in advertising
'Remarkable' professor retires after 45 years
First woman on Massey University Council dies
Academic Board chair election

Massey University Twitter followers top 8000
Mini staff survey highlights importance of local action
Run the Night gets Auckland moving
Randstad puts Massey back in top 10 of NZ employers
#MasseyFizzies 'surprise and delight' campaign
Withholding grades procedures updated
Institutional Review of Research under way
Coasts – the front line of climate change
Youth smokers fired up to quit
Professor Ross Hemera retires
Gallipoli for children in donkey tale
Excellence awards bring out teaching's best
Oiled wildlife response expertise goes to Brunei
Grin and bare it – 10 years of naked vets
NZ expertise sought on West African disease plan
Auckland student accommodation officially opened
New recruitment programme impresses young Māori
Human ethics committees vacancies
Hazardous substances monitoring team on campus
Thesis research rewarded
Opinion: Winston Peters slays National in Northland
Ministry award for top Pasifika student
Public participation key to Pacific research
How to manage workplace bullying complaints
Changes to parking and charges at Orchard Rd
Academic staff promotions 2015
Wellington season for Massey playwright
Business Boot Camp kicks off again
'Keel' of university retires after 44 years
New head of Massey University External Relations
What Gallipoli means a century on
Power restored to Wellington campus
Spatial mapping reveals importance of Hauraki Gulf waters
Master of Design exhibition takes flight
Stop-motion animation KOMANEKO screens in April
Massey vet graduate returns to head Sciences
Human and nature's entanglements explored
Research project to improve literacy outcomes
Properties of rare superheavy element revealed
Research to reality – historian's Gallipoli pilgrimage
Massey Council consulting on size and makeup
Unique eventing course on Massey soil
Election website nominated for Oscars of the Internet
Space Between aims to fill a fashion gap
Poems reveal inner life of a new settler
Gallipoli visit unearths more wartime mysteries
Celebrating cultures through proverbs
Reserve Forces honour Massey
Emergency vet team leads smooth rescue of horse
Lizzie Marvally to join Massey's latest graduates
New Massey video on how to work with the news media
Entries open for the 2015 NZ Food Awards
International bankers to learn from NZ agri-commerce

Student guernsey designers count down to Anzac AFL match
Addiction symposium tackles multiple issues
Students jump into Business Boot Camp
Another international honour for Distinguished Professor
International partnership to treat cartilage disease
Lifhack and Massey designers team up for wellbeing
Report highlights two-track property market
What should we tell children about money?
Staff conferences 2015: tell us what you want to hear
PhD grad hopes thesis will improve financial literacy
Political parties need to embrace 'super-diversity'
Legal action will end discussion of ponytail saga
International kudos for emerging fashion designer
Massey staff at Manawatū careers and study expo
Kick-starting open days 2015
New team to lead BA revitalisation
Reversing New Zealand's brain drain
Understanding modern China vital for NZ
Study highlights 'true cost' of dairying
Research calculates the value of free trial offers
Sumo comedy a classic Japanese film
Wanganui's rich history in the spotlight
Massey vets best in world say employers
Opinion: A United Kingdom?
Herb mixes increase performance, quality and profit
Learning by teaching inspires new master's students
Massey backs anti-bullying Pink Shirt Day
Galbraith hails NZ's contribution to Venice Biennale
Research partnership between Massey and Warehouse
Cricket legend among Massey graduates
Should charities operate businesses tax-free?
Top Spanish language students awarded
Renewed funding for Riddet Institute
Opinion: NZ policy silent on language learning
Scientists map Auckland's volcanic hazard zones
Investigating nutrition in young children with autism
Noble's photography honoured in Japan
Ambassador sees link with College of Creative Arts first hand
Info and enrolment evenings on Auckland campus this week
Sharing social work supervision research with Singapore
Volunteer expo opens doors to jobs
Graduation pride for retired farmer
Cricket connection plays out at graduation
Like father, like daughter – science is a family affair
Opinion: The Greek-Eurozone game of Chicken
May 12 celebrates International Nurses' Day
Aviation students improve safety at PN airport
Massey sponsors epic run for charity
Humanities flagged by diplomat and church leader
Health coaching a psychology grad's dream
Opinion: Do we need a meddling Monarch?
Opinion: It's not about banter - it's about bullying
Cousin marriage puts gene pool at risk

What is it like to live with psoriasis?
What should athletes eat for optimum performance?
Identifying overactive bladder issues just got easier
March and May have been expo months for Massey
Wellington Library refurbishment celebrated
Māori graduates span multiple fields of study
Opinion: ACC – Political football du jour
Opinion: Taxing property speculation in Auckland
Science of the lambs – do sheep have feelings?
Script writer shares art of page-to-screen
Saving Darwin's mockingbird – New Zealand conservation expertise goes global
What business can learn from football
New mobile exercise lab launched
Massey presents half a million dollars in ag-hort scholarships
Campbell Live a casualty of commercial TV reality
Massey Maori students inspire school pupils with their stories
'Muscular regionalism' tipped for Hawke's Bay's future
Vacancies on Manawatu Emergency Management Team
Honorary doctorate for documentary photographer
Wellington celebrations to mark graduation week
New Year Honours for Massey staff awarded
Rainey elected to European biology organisation
Humanities and social sciences scholars awarded
It's a rap for graduate Pasifika artist
Shortland Street films at Massey University
Agrifood sector needs rapid response group
Family guide dog part of couple's graduation celebrations
Kiwi sculpture company helping kiwi vets
University key dates 2016
175 years on – Treaty of Waitangi now and in future?
Vacancies – Massey University human ethics committees: southern B
Lecturer launches Arbor Day writing competition
Students turn creative lens on dementia
Strategic thinking when it really counts
Golding named top aviation student
Dominion Post home subscription offer
Massey professors on disaster resilience project
Ans Westra retrospective follows awarding of honorary doctorate
Students to explore sustainable fashion in China
\$1100 raised for breast cancer support
Manawatu Chamber of Commerce staff engagement
Black comedy success in 48-hour film fest
Theatrical stand to support sexual consent
Black Ferns rugby trials on campus
Corals need more than warm water to grow
Ancient fossil penguin goes digital
Massey professor's ASPEN Fellowship a first for New Zealand
NZ farming expertise fosters NZ-China relationship
Massey students tackle world agribusiness issues
Massey takes its creativity to China
\$4m in funding for Massey health researchers
Teen entrepreneurs converge at Massey
Science video workshop coming to Palmerston North

Diabetes prevention focus for psychology study
Small firms urged to consider frontier markets
Plastic bag-free future for Palmerston North?
2015 staff Conference on Wellington Campus – Service Excellence Awards
China's First Lady hosts Massey, Weta arts delegation
Massey University Worldwide launches in London
Call for nominations for Massey University Honorary Awards to be made in 2016
Joint Massey winners of Japanese speech contest
Incentives and penalties for unfair play
Students' bright idea wins global challenge
Exhibition celebrates 12 years of kowhaiwhai
Massey host Chinese food and drug officials
Massey hosts forum to discuss investor protection
Hort leaders connect with students to grow industry
Web tool lets public determine New Zealand flag
Opinion: BA myth-busting overdue
Turkish families gain from Massey research tool
Massey staff raise over \$600 for Oxfam
Novel follows family history after WWI
Technology key to future of agriculture
Opinion: Food industry success vital to New Zealand's future
Massey man honoured for global poverty research
Natural hazard research gets funding boost
Wellington campus refits win architecture, property awards
Women cheese-makers part of Taranaki life in WWI
Nanny Bear: the cute, smart baby monitor
Japanese photographic exhibition comes to Albany
Massey scriptwriter's second film in NZ competition
Massey marine specialist helps threatened species
Tips for dealing with stress, contaminants from flooding
Study on how to improve wellbeing in later years
Matariki dawns at Massey's Auckland campus
Maths and mortality research by Fulbright scholars
\$16 million funding for food processing research
Massey continues to support farming leaders
Better reporting for investors
Japanese quiz highlights fun of language learning
Unis have role to play in regional growth – Cunliffe
International academics continue agri-education
Student management system replacement under way
Schools tackle global crises in UN summit at Massey
Maths competition adds up to success
Māori ceremony 'un-names' New Zealand glacier
Growing innovation in the primary industries
Graduate Women Manawatū gives \$60K to postgrads
Education software business appoints first chief executive
Penny made honorary life member of science association
Review tests leptospirosis vaccination success
July is Maori Language Month at Massey University
Massey celebrates Maori Language Month
Japanese film a rare road movie gem
Library continues to dominate positive student experience
Big Massey presence in New Zealand's World Uni Games team

Largest food science institute tackles global issues
Opinion: A code of conduct for all advisers
Research explores winning off the rugby field in Samoa
Award for Massey filmmaker's environment doco
Algebra advocate wins prestigious maths award
Auckland continues to break affordability records
The rise of Maori achievement in mental health
Feet do the talking for Freyberg language students
Academic Dean appointed
Further success for Māori fashion designer
Chinese currency grows in global importance
Students get hands-on with science
Massey professor named top animal scientist in NZ
Opinion: A species bias in animal welfare
Opinion: Understanding the psychosocial effects of flooding
Opinion: Is New Zealand ready for consumer-driven quit smoking programmes?
Advancing the science of reintroduction
Opinion: EQC review not bold enough
Māori student experience days align with Matariki
Top publisher appointed to Massey University Press
'Wraparound' solution needed for family violence
JD Trask's new thinking celebrated at Gold Awards
Blogger, typographer collaborate for book event
Students have their say on flag debate as deadline looms
South Asia films to help Nepal quake survivors
Māori students take on business challenge
Growing the pool of future female leaders
Journalism students get agricultural experience
Yeast key to understanding cell division
Mathematics meets industry at workshop event
Strong response in China to property investment claims
Opinion: Strategic paths to adding value
New Massey University Council Constitution
Opinion: Iran's nuclear deal, a sign of hope
Students get creative about environmental issues
Study explores life-changing impact of near death
Grow North initiative – staff update
Primary schools sought for health and wellness week study
Fun management challenge breaks the ice
Employers must adapt to older workers' needs
Making sure blueberry juice worth the squeeze
Open Lab imagery celebrates capital's birthday
Mandatory registration of social workers overdue
Journalism alumni revisit past deadlines and headlines
National collaboration on this year's Open Days
Michael McManus, Professor Emeritus of Plant Physiology
US students learn and explore as part of internship
Opinion: National levy needed to reduce plastic plague
Tree collapse shocks University House staff
Hat trick of finalists for Dyson Awards
Johnny Enzed – the truth of war in soldiers' words
Massey Open Day - bonanza for the brain cells
Tree Mount design wins Dyson Award

Opinion: Thinking skills needed as much as trades training
Students fast-track study skills through recruitment initiative
Remembering Chunuk Bair 100 years on
Professor Harjinder Singh brings home dairy award
Women's Leadership Programme open for applications
Double honours for veterinary professor
World-leading welfare scientist honoured
Māori Book Award finalists announced
Massey poets in running for Montreal prize
Study explores social needs of youth with cancer
Foundation income from staff donations triples
Disaster Hub opens on Wellington campus
Manawatū business internships programme launched for next year
Pink Shirt Day winners
Online anthology explores Pukeahu/Mt Cook in Wellington
Massey lecturer honoured by dairy industry
World experts team up to prepare for oil spill response
Auckland Open Day this weekend
Beehive book launch for Māori scholars
'Silver economy' – a silver bullet for regions?
WWI soldier's tale for children wins award
Plant scientist joins world-class sheep research team
Report finds freshwater life is on the way out
UK dyslexia expert sheds light on NZ problem
Winning PhD links poisoned pigs to droopy dogs
New study pits big data against intuition
Doco essential viewing for Studio Ghibli fans
Workshop to bust allergy myths
LUX lights up Wellington winter
NZ's 'invisible' Anglo-Indians in new research focus
New business models for the digital economy
Campus marae redevelopment project underway
Cupcake fundraiser supports SPCA
Movie maker takes up residency at Massey
How do we solve New Zealand's healthcare challenges?
Simplified money course key to empowerment
Hat trick of designers hit the NZ Fashion Week catwalk
Triggering memory and the culture of 'too soon'
NZ Food Awards unveils cream of the crop in food industry
Final 2015 Open Day – at Wellington on Friday
Conservationists talk on the wild side
Cow GPS aids sustainable grazing research
Using culture to empower students
Dissecting sport management in the digital age
Landscapes for of political and social conflict explored by Irish photographer
Online enrolment opens for international students
Maths researcher honoured at Cook Islands' 50th
New Zealand's healthcare system needs a check-up
Workshops for NCEA scholarship success
Spirituality on the psychology map
Himalayan challenge a dream for BA grad
Research forges connections with Ngāti Whātua
2600 prospects flock to Open Days

Wellington SPCA 'undermining' native wildlife
Five common money mistakes
Double flag design success for alumnus
Language week puts spotlight on Tongan arts
Massey University researchers congratulated
Memorial for Ted Delahunty
Top tips for lambing success
\$5m for Massey University ecological health researchers
'Native Chef' aims to feed 5000
Soldiers' cultural education key in modern conflicts
Festival proves finance can be fun
Hands-on learning for future veterinarians
Spirituality and science in prizewinning book
Grow North update
Massey shares EUREKA moment with prize winners
Biofilms in the dairy industry
Top 10 Tips for the All Blacks
Opinion: Plan needs green, not fifty shades of grey
Opinion: When I'm 64...
Building Māori pathways into science and health
First Talanoa makes crucial connections
Cracking the code: students head to programming regionals
Future in arable industries for Massey graduate
Research on Pasifika youth identity
Research project scopes out North Shore innovation district
'Wildlife ambulance' delivers native patients
2015 Ngā Kupu Ora Māori Book Awards announced
Masterchef finalist scores international career
Massey poets on a winning streak
Book reveals NZ through international student lens
Research relationship with Syracuse sealed with joint agreement
Media plays role in igniting price wars
Tributes flow for historian and poet Bill Oliver
Douwes appointed to Health Research Council
Māori world view leads to greater life satisfaction
See one of Studio Ghibli's greatest animations
Massey PhD grad awarded Hamilton Memorial Prize
Massey student wins thesis challenge
Massey spin-off sold to global veterinary company
Value of research in 'fragile states' recognised
Bio-tech assignment gets hands-on boost
Massey study backs findings of Pacific rugby players' exploitation
Prestigious research fellowships for top scientists
Waikato butchery takes out supreme NZ Food Award
Plastic bag-free status for Palmy street?
Business student sails away with Go Innovate prize
Massey literacy project sees young readers shine
Fifteen new professors promoted
Tri'd the Tri creator shows he still has it
Massey's 'big data' sponsorship deal a New Zealand first
Massey in teaching partnership with China's Hebei University of Technology
Selby Cup awarded to physical education senior tutor
National Social Workers' Day

Daylight saving a nightmare for some
Story of Brazil's diverse languages and people
Knowledge wave for agrifood sector needed
Opinion:Flags mean much more in an ever-changing world
Massey students helping to combat human trafficking in Cambodia
E-voting: No silver bullet for low voter turnout
Wearable Art entrant back in the winners circle
Pupils unravel opportunities at DNA day
Transforming the learning experience in schools
Departing professor plants her legacy with Massey
Nationwide study to boost prevention of leptospirosis
Massey University Worldwide GM appointed
Massey strengthens ties with Ngāti Kahungunu
Top three Asia/Pacific ranking for Wellington design school
More support needed to inspire young women
Falling mortgage rates change affordability trends
Science and innovation needed for food crisis
Online applications available for research ethics
Manawatū Badminton holds workplace challenge 'fun' league
UN Sustainable Development Goals a wake-up call
Vet students help Samoan dog control
Opinion: A matter of fat
Scholarship and live sounds to launch new school and music degree
Rugby fundraiser to buy buggies for charity house
14 Massey finalists in Women of Influence awards
Christmas and New Year leave and pay dates
Massey University's Registry Building has reopened
Massey responds to threatening message
Donor funds two chairs at Massey Business School
It's time to smash the mould says new deputy
University to take part in ShakeOut 2015
New Zealand joins the global conversation on alcohol-related harm
Internship day for next generation of scientists
Author needed for NZ's WWI medical history
Engineering Māori futures
New music degree a 'game changer'
Star studded line-up for 25th Blues Sports Awards
Digital moa taking flight online
Tool to improve the quality of care and life for vulnerable
Helmet design among Massey BeST Award winners
The importance of nutrition in the first 1000 days
Winners of 2015 Research Medals
A sign of the digital times
Engineering student success knows no borders
Latin American film festival in Manawatū
Massey's nutrition focus for National Science Challenge
French artist-in-residency programme confirmed
Cricket and athletics champions top Blues awards
Albany scholars congratulated
Massey at Taupo Cycle Challenge this Year
Staff elections to Massey University Council
Wellington staff can win emergency water storage tank
Graphic fantasy design win for Korea bound student

Connecting with older people vital, quake survey shows
2015 Blues Awards winners announced
Where to for humanities in a corporate world?
Can authorities sniff out crime?
Opinion: ISIS barbarity knows no bounds
Prize-winning journalism students honoured
Massey students put top basketballers to the test
New training model at Massey for nurse practitioners
Evening honours agriculture's best students
Massey marine biologists head to Kermadecs
Reducing cancer inequalities in Māori a priority
Massey maths leader to tour US
Theatre to provoke new thinking on climate change
Baby buggy fundraiser exceeds expectations
Massey historian pens 100-year Red Cross story
Mauri stone ceremony completed at marae
Is your coffee habit thwarting you in sport?
Grow North to get project manager
Office of Quality Assurance has new director
Award winning nurse talks about aid work in conflict zones
Staying clear of bears
Next phase of Grow North seeks expression of interest in Oteha Rohe
Animal expert calls for four-day firework window
Māori urged to fight the TPPA
Arbor Day Competition winners announced
Palmy poised to get more active on short trips
Environmental health grant awarded
Nominations open for Quote of the Year 2015
Massey starts next phase of development in Auckland
Remembrance art installation to illuminate Karori
Curb the candy consumption and have a healthy Halloween
Massey's first adjunct professors of Indonesian uni
Massey welcomes new head of Public Health
Possible vitamin D link to kākāpō breeding
New Zealand lags behind Australia for HPV vaccination
"Is it a world first?" and other flag quandaries
New Zealand agriculture attracts international interest
New head for research, academic and enterprise
The gene, the whaler, and 20 years of research
Three big political issues for 2015 start with 'H'
How to reduce soldiers' lower limb injuries
Book celebrates mid-20th century NZ design classics
Opinion: Brave New World or Back to the Future?
Creative storytelling breaks silence of dementia
Taupaki student wins top aviation award
Two Massey staff win Rutherford fellowships
Hill country conference focuses on future
Water rescue training for first responders
Massey winners among 15 finalists at Women of Influence awards
Dyslexia and Māori education shortlisted for awards
\$5.23m in Marsden funding for Massey researchers
Female birds show their true colours
Pasifika health seminar highlights trio of issues

Horse owners want ban on fireworks sales
Museums and universities can learn from each other
NZ role in WWII death camp liberation revealed
Mouthguard design eases detection of concussion
Cultural connection helps protect against suicide
Even a 'no frills' retirement requires extra savings
Chinese Army arts academy delegation visits
Vote for staff reps on Massey University Council
Are antibacterial products doing more harm than good?
Italian job potential for textile design winners
Scientists know valid research - you can bet on it
Massey University 2015 Christmas cards
Beyond bi-cultural model of Maori-Pakeha relations
Opinion: Local body politicians should fly their colours
Engineer wins lecturer of the year award
Kiwi conservation starts young at Massey
Search launched for E Mervyn Taylor murals
Old and new flags at hoisting re-enactment
Increasing food value with novel technologies
Rena rehabilitation effective long-term
Transforming games teaching and coaching
Mark Powell to become Massey's CEO-in-Residence
Sir Geoffrey Peren building to re-open
Ideas of citizenship explored
Could earthworms help us understand rising infertility rates?
Student overwhelmed by AIMES Award win
Writer's climate change play goes global
Massey to participate in UniForum
Pacific region's serious health issues in the spotlight
Massey joins in NZ Music Awards celebrations
Book by Massey ecologist highlights freshwater plight
Engineering student wins best plant biology talk
Food tech students graduate at Singapore
Farmers thanked for 'invaluable' support
Massey MBA student goes under the farming hood
Surge in Māori PhDs at November graduation
Professor's research not lost in translation
Call for participants in Relay for Life 2016
Funding success for social work project
Extinct eagle and 'weaponised' weka brought to life digitally
Drama of WWI exemption hearings explored
Triple graduation celebrations for PhD graduate
Double majors for Grobler twins
Head of the School of Social Work honoured with awards
Sociologist honoured in museum awards
Watch graduation ceremonies live
Life in the world of the physical web
Food and other revolutions
What's your water footprint?
In vitro meat or insects, anyone?
The global food trends New Zealand must lead
Global food security
Can Auckland North be the next Silicon Valley?

A robot stole my job: Preparing for the new age of automation
Data Science: making use of a valuable by-product
Can tourism save our economy?
Who's running New Zealand's companies?
Badging - a new way to personalise learning
Wanna know the future? Ask the kids
The changing faces of New Zealand retail
Brown Power
The immigration wave continues
Halve our emissions by 2030? Yeah right!
Local elections 2016: Where to next, Auckland?
The Treaty turns 175: where to now?
Family Violence: New Zealand's dirty little secret
Saving birds with maths
Opinion: Red Peak is distinctive, simple and the best flag
Directing youth away from gangs
Creating resilient communities needs more than good science
UN Security Council - one year to go
Will we bring home the gold from Rio?
The Olympics: Road to riches or rings of ruin?
Feeding good food to the world
The future of medicine is inside your body
Making Te Reo 'cool' essential to language's future
Veterinary degree increases capacity to meet demand
Research provides innovation roadmap for Auckland
Auckland North joins to build innovation district
First Massey University Press book focuses on new-generation HIV researchers
Grad singer in tune with Māori women's success
Multi-source protein foods for optimal mobility in East Asian seniors
New thinking for climate change impact on coasts
Are pets helping spread antibiotic resistant infections?
Engineering student wins research and design award
Opinion: Down on the Farm – a challenge to social licence
Potter appointed Health Ministry's chief science advisor
Challenges to academic freedom debated
20 Years of Māori Art Celebrated
Eat fat to burn fat and push through
Scientists turn unseen world into 3D models
Māori theatre internship opens door to the arts
New staff members of University Council elected
2015 Quote of the Year finalists announced
Pasifika palliative care research awarded grant
Massey supports Young Farmer of the Year
First five-star rating in New Zealand for student halls
Seeking Chinese insight on sustainable fashion
'Cabinets of curiosity' hold differing insect views
Massey alumna appointed CEO of the International Council of Nurses
Sensor detects toxins leaching from plastic
Report dishes the dirt on world soil health
Can the health of a pregnant woman's gut influence her baby's development?
Student helps flower show to bloom
12 Days of Christmas Summer Survival Tips
Teens appear unaffected by violent video games

Naturally nice ice cream proves a winner
Massey launches new retail research centre and survey
Social anthropology celebrates 40 years
Global spot for sexual and gender rights champion
Opinion: Nurturing nature pivotal to climate change response
Classics hit Auckland campus in 2016
International PhD admission enquiries
A day at Massey for Orewa College students
Performance of insurers scrutinised in Christchurch
Environmental science students win best presentations
Coverage of lobbyists questioned
Retail researcher warns of 'post-Christmas blues'
Understanding how Māori whānau bounce back from adversity
Loneliness rates higher in older people with visual impairments
Christchurch head boy wins Quote of the Year
Online news no death knell for newspapers
Lecture revives memories of a Queen
Weird mathematical method holds up to testing
2016 University Calendar now Available
Memories of Tonga spark emotional response
Study helps give kids the best start to reduce obesity rates
Māori science academy ready to take off



Caption: Professor Glyn Harper

Early death post World War I risk for returned soldiers

New Zealand soldiers who survived the First World War typically lost around eight years of life and had an increased risk of early death in the post-war period according to new research.

The study, published in the *British Medical Journal*, involved researchers from the University of Otago, Wellington (UOW), Kings College London, and Massey University.

The researchers randomly selected 350 soldiers who embarked on troopships in 1914, along with a comparison “non-combat” group of 350 who departed on troopships in late 1918 but for whom the war ended before they got to the frontlines.

A quarter of the 1914 group died during the war with injury deaths predominating (94 per cent) over disease deaths (six per cent).

The lifespan of the combat group, which included taking into account those killed in action or who died due to other causes during the war, was estimated at 65.9 years, compared to 74.2 years for the non-combat group - an eight-year difference. As well as warfare-related injury deaths, other causes of death included those from chemical weapons and various infectious diseases such as malaria and pandemic influenza.

The study also found that among survivors of the war, the 1914 veterans lived 1.7 years less.

Survivors in the combat group typically lived to 72.6 years compared to 74.3 years in the non-combat group.

Study co-author and Professor of War Studies at Massey University Glyn Harper says the reduced lifespan results for the combat-exposed group reflects the adverse impact of the rigours of the Gallipoli campaign in 1915 and trench warfare on the Western Front especially in 1916-1918.

“Even so, it is plausible our estimates would be even higher for the military personnel of some other participating nations which had even worse experiences than New Zealand soldiers - that is, where their soldiers were exposed to the particularly high mortality battles of 1914 and to major disease outbreaks of typhus and typhoid.”

Lead author of the study, Associate Professor Nick Wilson from the University of Otago Wellington, says further analysis of death certificate data suggested war-related causes such as suicide might have played a role too.

Another factor was the high burden of injuries, with an estimated 41 per cent of New Zealand soldiers receiving non-fatal wounds in the war. These injuries are likely to have increased the risk of death in subsequent surgical operations after the war and also death from cardiovascular disease, he says.

“From other wars we know that there is evidence that combat experience is a risk factor for post-traumatic stress disorder in veterans. This in turn is linked to an increased risk of coronary heart disease. (PTSD) is also associated with increased risk of suicide.”

While war-related death tolls for combatant nations of WWI are available, this appears to be the first study to provide estimates for the war-related life lost per participating soldier and for the veterans where an appropriate comparison group is used.

Professor Harper notes that New Zealand is well placed to carry out this type of study thanks to Auckland Museum's Cenotaph database and Archives New Zealand's excellent work digitalising military files, and with many other records now online.

“It was possible to find nearly all the dates of birth and deaths among these soldiers except for a few cases such as deserters and some who may have given a false name when joining the military – perhaps to escape debt collectors or unhappy marriages.”

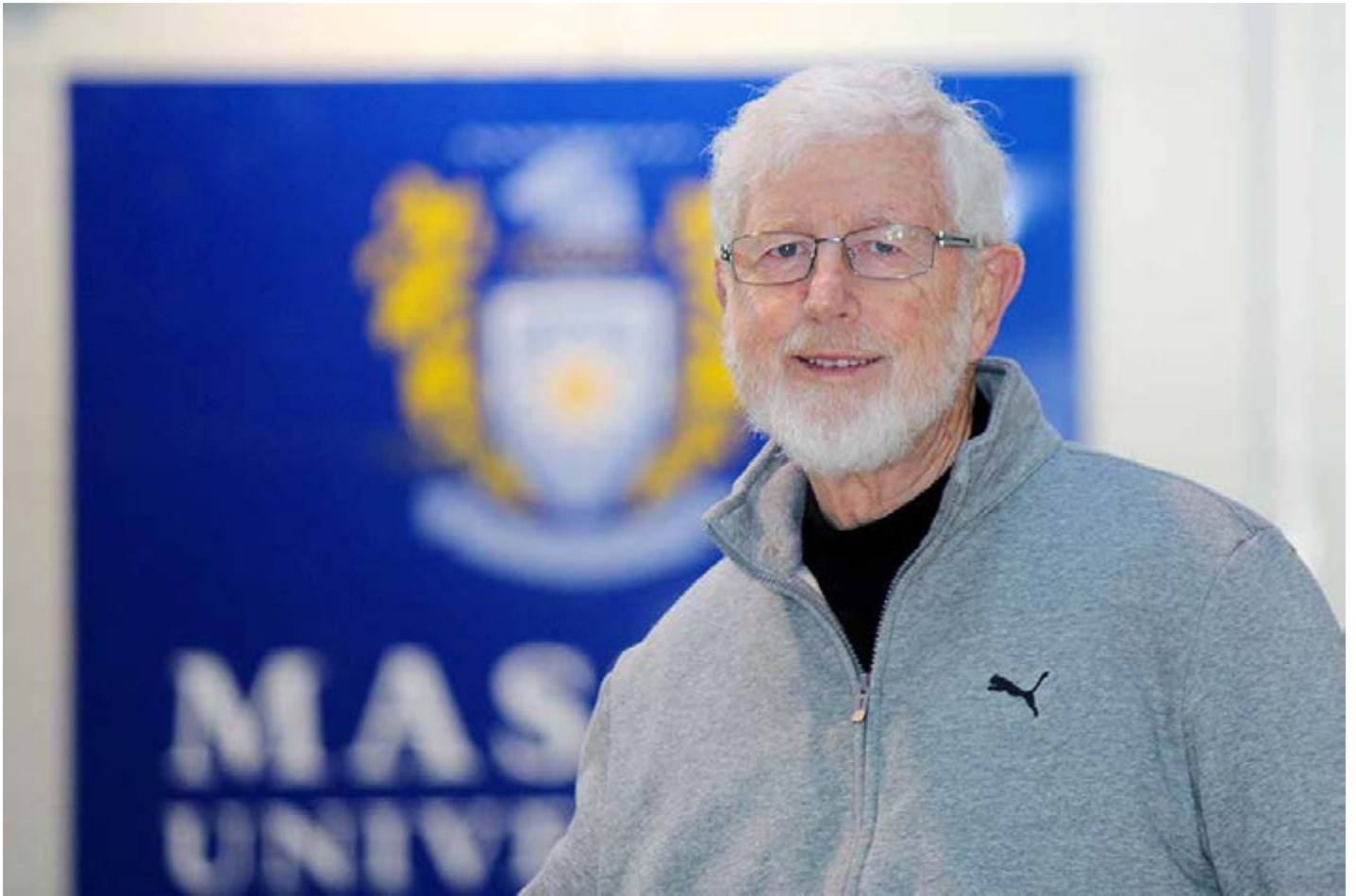
An estimated 100,144 New Zealand military personnel served overseas in World War I, mainly on the Western Front, but also in campaigns in Gallipoli and Palestine. There were 16.6 per cent (16,700) who died during the war, with others dying subsequently raising the total to an estimated 18,311 by the end of 1923, Professor Harper says.

“This new study adds to our understanding of the impacts on those who went to this war – and also the continuing health burden borne by many of those who returned.”

Date: 06/01/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences; Explore - Defence and Security



Professor Emeritus Gary Hermansson (ONZM)

New Year's Honours for Massey staff and alumni

Three Massey staff members and 12 Massey alumni have been named in the 2015 New Year's Honours list.

World-leading sports psychologist and Massey Professor Emeritus Gary Hermansson, has been made an Officer of the New Zealand Order of Merit (ONZM) for services to the field of sports psychology.

Professor Hermansson completed a Diploma of Education, Master of Arts and Doctorate at Massey University. He then became a Professor as well as the director of Sport Sciences. Professor Hermansson has worked with a number of large institutions as well as five Olympic and four Commonwealth Games teams and has been the team psychologist for the Black Caps cricketers.

“It's a great privilege really, to be able to work with people who have done extremely well. But also those moments where you know there's someone in the dressing room who's going through a lot of grief, anger, or despair and you can help them. It's often those moments that are a lot more meaningful” he says.

Associate Professor Kathryn Stowell from the Institute of Fundamental Sciences was made an Officer of the New Zealand Order of Merit for services to biomedical science. Her association with Massey University dates back to 1976 when she first started working as a biochemistry technician. Dr Stowell graduated with a PhD in Biochemistry from Massey in 1991 and then studied as a post-doctoral Fellow at the Sir William Dunn School of Pathology at Oxford University. In 1993 she was appointed a lecturer in biochemistry at Massey. Since 2013 Dr Stowell has been director of postgraduate studies at the Institute of Fundamental Sciences.



Mr Ben Taufua (MNZM)

Her work involves identifying and sequencing genetic variants for malignant hyperthermia - a disorder that affects around 50 families in New Zealand.

"Any award like this is not due to one person," Dr Stowell says. "I want to thank my PhD students, technicians and other scientists."

Pasifika advisor Ben Taufua has been made a Member of the New Zealand Order of Merit for services to the Pacific Community. Mr Taufua is the Project Manager for Pasifika at Massey University. He has been instrumental in creating scholarships for Pasifika people to train in disaster management – a subject of personal significance to him after losing relatives in the tsunami which struck Samoa in September 2009.

He credits his recent recognition to his desire to serve, which was instilled in him by his grandparents, and driven by his children. "Everything I am is because of them. You see what they do and that it's part and parcel of their everyday lives. You're influenced by that but also their legacy and the legacy of those who have gone before" Mr Taufua says.

He hopes that this award will encourage others "If this recognition says anything, it's about saying to others we can do it together."

Other Massey alumni recipients include:

- Ross Blanks – ONZM for services to animal welfare – Bachelor of Veterinary Sciences (1977)
- Dr Mony Soutar ONZM for services to Māori and historical research - Bachelor of Education (1984), MA in Maori Studies (1990) and PhD Arts (2000)
- Patrick Willock – MNZM for services to agriculture and the community – Diploma in Agriculture (1972)
- Neill Simpson – QSM for services to conservation – Bachelor of Science (1999)
- The Honourable Anthony Ryall – CNZM for services as a Member of Parliament – Bachelor of Business Studies (1987)
- Marjory Goldschmidt – QSM for services to the community – Certificate in Early Childhood Education (1976) and Diploma in Education (1989)
- Jean Rockel – QSM for services to early childhood education – Diploma in Education (1996) and Master of Education (2002)
- Roma Hippolite – MNZM for services to Maori and health – Graduate Diploma Business Studies (2001)
- Major Michael Nochete – DSD for services to the New Zealand Defence Force – Bachelor of Defence Studies (2004)
- Alan Bickers – MNZM for services to the community – Graduate Diploma Business Studies (2006)
- Dr Susan Jacobs – MNZM for services to nursing education – PhD Arts (2006)
- Brother Patrick Lynch - KNZM for services to education- Diploma in Education (1979)

Date: 06/01/2015

Type: Awards and Appointments

Categories: Home Page article; Alumni; Awards and appointments; Feature; Institute of Sport and Rugby; Pasifika



Planning students Caleb Tien and Mike Scott

Survey on what moves Palmy people

Massey University planning students are helping town planners find out what shapes transport choices in a city tailor-made for walking and cycling.

Michael Scott and Caleb Tien will be surveying Massey University and Palmerston North City Council staff in a pilot study to identify factors influencing the way people travel in the city.

“Palmerston North is a flat city with wide streets and a CBD that is easy to get around on foot,” say the researchers. “It’s something of a surprise to many then that levels of cycling and walking around the city are not higher.”

They say cycling, walking and even skateboarding are important, for a range of reasons, particularly for their health benefits. Health campaigners have often pointed out the need for people to include regular daily exercise in their routines.

Both summer scholarship students, Mr Scott (enrolled in a Master of Resource and Environmental Planning) and Mr Tien (a fourth-year Bachelor of Resource and Environmental Planning student) have been awarded \$5500 each to design and run the survey. They are working with planning programme leaders Associate Professor Christine Cheyne and Dr Imran Muhammad – academics with a strong professional interest in planning for active transport.



Mike Scott and Caleb Tien in central Palmerston North

“We've been looking at a real range of possible factors,” says Mr Scott. “It's fairly intuitive that things like weather, travel distances and needing to run other errands would affect people's decisions to drive, walk or cycle.

“What we're interested in is their relative importance, and we want to include other factors too, like safety concerns and more emotional-type issues like the comfort and status of different transport modes and the attitude of colleagues.”

The research is funded by the Palmerston North City Council and Massey University's Living Lab scheme.

The project will provide hard data for the council on active transport, and will help to inform policy in t area. Dr Cheyne says the survey is a great opportunity for Massey staff and students to conduct research that will contribute to creating healthy communities.

“As a final year planning student, this project has given me the opportunity to learn valuable research, organisational, and networking skills, which will really benefit my development as a budding planner,” says Mr Tien.

The online survey will be run from mid to late January via a link sent to Manawatū campus staff. Findings from the survey are expected to be released by the end of February.

Date: 07/01/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Explore - Planning; Research - Resource dev and man; Uni News



Dr Catherine Strong

Terrorist attack challenges journalists' convictions

The terrorist attack on the premises of Paris-based satirical magazine *Charlie Hebdo* is further evidence of the swiftly changing world for journalists, a journalism commentator says.

Massey University School of Communication, Journalism and Marketing senior lecturer Dr Catherine Strong says the fatal attacks are part of an alarming trend where journalists are being deliberately targeted for the job they do.

The attacks raised questions about how media outlets could increase security for their staff while continuing to encourage open debate, and whether some organisations would consider self-censorship in the face of such intimidation.

Dr Strong, who spent three years teaching multi-media journalism in Dubai, says it is common practice for foreign correspondents covering the volatile Middle East region to arrive there knowing how to say the words "I am not a journalist" in Arabic.

"Journalists are more likely to be targeted than enemy opponents over there in some cases."

The targeting of the French cartoonists showed that all media practitioners were becoming more dangerously exposed to having their right to free speech attacked.

"Making informed comment whether with pictures or as text is a crucially important role of journalism," she says.

If extremists continued to target the profession by violently suppressing free speech, it presented another challenge to new entrants in an industry already fighting a fragmented market, falling circulations and fewer resources.

"New journalists coming into the industry are coming into a different world and instead of being treated with respect for asking the tough questions they are being targeted for doing their job."

Date: 08/01/2015

Type: Features

Categories: Home Page article; College of Business; Feature



Degree aims to fill 'big data' skills shortage

Watch One News segment

Massey University is launching New Zealand's first business-focused analytics degree next month to address the skills shortage in analysing 'big data'.

Marketing expert Professor Harald van Heerde, who analyses large data sets in his own research to quantify the impact of marketing, says the university is responding to a need identified by New Zealand businesses.

"We constantly hear from employers looking for people with strong analytical skills who also have a good understanding of business," he says. "These companies are having a very hard time finding anybody in New Zealand who can handle big data in a way that makes it useful to them."

Professor van Heerde says few New Zealand organisations use their data really well, but many realise they are missing out on opportunities.

"With the ability to track so many things electronically now – website visits, mobile phone geolocation apps, loyalty programmes and so on – a lot of companies are realising they are collecting a lot of data but doing very little with it.

"This is a valuable resource they already have, it's just a matter of harvesting it. Making better sense of your data leads to better decision-making – whether it's deciding the best marketing activity to invest in, the most valuable customers to target, or identifying trends that you might not otherwise notice."

The Master of Analytics (Business) will be available at Massey's Albany campus in 2015 and will be taught by lecturers from both the Massey Business School and College of Sciences.



Professor Harald van Heerde

“There are other postgraduate analytics qualifications in New Zealand, but they focus more on the technical aspects of data analysis for scientists,” Professor van Heerde says. “This degree is unique because it's about using data in a way that is useful for real-world business decision-making.

“Computer scientists are good at handling data, but that doesn't mean they understand business problems and how they can be tackled by data sets that often exist within a firm.”

Students will be taught the fundamentals of data mining, statistics and handling data sets by science lecturers. They will then transfer those skills to a business context by specialising in marketing, finance or supply chain management. In the final phase of the one-year programme, students will complete a real analytics project for their employer or another company.

Professor van Heerde says the practical programme was developed with input from an industry panel, which included representatives from companies like KPMG, The Warehouse Group and 2 Degrees. He's confident the new qualification will be well supported by employers who recognise they are facing a skills shortage.

“We are only at the beginning of the revolution – more and more things are going online all the time and there's been a generational shift in attitude where young people are happy to share where they are and what they are doing. They see the benefits of receiving the right offer at the right time.”

He says there has been a change in the mentality of organisations as well.

“Now that storage costs are no longer an issue, it's accepted that you should keep track of activity over a long period of time and store information in a way that makes it easy to access and analyse. In this environment, decisions not backed by clear data will be a hard sell internally.”

For more information visit the Master of Analytics [programme page](#).

Date: 13/01/2015

Type: University News

Categories: Home Page article; College of Business

2015 Institutional Review of Research

During 2015 all academic staff will be required to participate in an Institutional Review of Research for preparation and planning toward the 2018 Performance Based Research Fund (PBRF) submission. The focus of the 2015 Review will be to provide advice and guidance to all staff on the progress of their research programme(s), to help support researchers in the development of their research trajectories and to provide planning guidance to the University. To facilitate this process all academic staff will be required to submit a portfolio of their research for review by peer and University expert advisors.

More detailed guidelines on the form and content of these portfolios will be provided in January after feedback from Colleges; the core elements will however, include research outputs since January 2012, with a brief summary of their contribution to the designated field of research and a summary statement of the submitters specific contribution to each output, supporting evidence of peer esteem and a summary of contributions to the research environment. Thus, in design and content the portfolio will mirror the portfolios prepared for the 2011 IRoR and reflect the key elements of a PBRF portfolio.

The deadline for submission of the portfolios will be 5.00pm Wednesday, 1st July 2015. Publication information and portfolio submission will be managed through the Symplectic system with all academic outputs required to be loaded by 5.00pm Sunday, 31st May 2015 to support system verification.

Details of training and development support will be distributed throughout 2015 and all staff are requested to fully engage in this process.

If staff have any questions relating to the 2015 Institutional Review of Research please contact Sian Wright (s.s.wright@massey.ac.nz).

Date: 13/01/2015

Type: Internal Communication

Categories: Any

Marketing professor ranked 11th in world

Massey University's Professor Harald van Heerde has been placed 11th equal in the world for marketing research by the American Marketing Association (AMA).

The AMA's productivity report measures the number of articles published in the four premier academic marketing journals over the past five years.

With 10 articles published in the top four publications (*Journal of Consumer Research*, *Journal of Marketing*, *Journal of Marketing Research* and *Marketing Science*), Professor van Heerde has moved up the global rankings by three places over the past 12 months.

He is the only researcher from Australasia to make the report's top 50, which puts the Albany-based academic alongside professors from such prestigious universities as Yale, Harvard, Stanford and Columbia.

"I am really pleased to see our little corner of the world showcased and included in the rankings," he says. "It's good to be out there competing against others who work at the top schools in America."

Originally from the Netherlands, Professor van Heerde moved to New Zealand in 2006 and joined Massey in January 2013.

"It's nice to be able to represent Massey like this and be part of a culture where success is celebrated," he says.

Deputy head of the College of Business, Professor Malcolm Wright, says Massey's School of Communication, Journalism and Marketing is proud of Professor van Heerde's achievement.

"Harald came to Massey with a big reputation for his research and has proved to be an important part of the school. His work typifies Massey's aim of taking the best of New Zealand to the rest of the world and this recognition is very much deserved."

Professor van Heerde has a PhD in economics and his research focuses on measuring the quantitative effect of marketing, including the impact of advertising on sales. He has also been instrumental in developing Massey's new Master of Analytics qualification, which launches in February and aims to fill the 'big data' skills shortage.

While he plans to remain productive in his research, he says quality is more important than quantity.

"It's not just a matter of numbers though, it's about getting the right information published that is going to impact marketing academics and marketing practitioners around the world."

Date: 13/01/2015

Type: Research

Categories: College of Business



Professor Harald van Heerde



An artist's impression of the new Auckland student accommodation village from the Recreation Centre end

New student accommodation agreement signed

The first group of students settling in to Massey University's new \$26.2 million Auckland student accommodation village will be in experienced hands, with the signing of an agreement with Campus Living Villages to provide accommodation management services.

Auckland campus registrar Andrea Davies says the company has been supporting the Manawatū campus in a similar manner for the past nine years.

“Campus Living Villages are recognised as the leader in the provision of tertiary accommodation services in New Zealand, and with this being a new development at Auckland, we're looking forward to them helping provide an excellent experience for students living in our accommodation.

“We really care about our students, so we will still be delivering pastoral care to our students, while Campus Living Villages deliver on the operational side of things, including managing the facilities, and ensuring that things run smoothly for those living on campus,” Ms Davies says.

The ten-year agreement, which covers both the Auckland and Manawatū campuses, was won through a comprehensive tendering process.

Campus Living Villages New Zealand chief executive Darryll Park says the organisation was delighted to be appointed to manage the University's newest campus accommodation.

“Having the ability to seamlessly integrate our capability for the provision of world class, best practice student accommodation across the Manawatū and Auckland campuses, gives us an opportunity to extend our proud support to the University. Our nine years at the Manawatū campus perfectly places Campus Living Villages in a strong position to deliver on this for the long term.”

Manawatū campus registrar Sandi Shillington says the multi-campus agreement means that students on both campuses will now be able to benefit from living close to sporting and other facilities, including the library and student social spaces.

“A strong halls culture central to a great student experience is already in place, and the University will now be able to focus on refurbishment of some of the Manawatū accommodation to further enhance our students' experience,” she says.

In Wellington the University manages accommodation and has partnerships with other accommodation providers.

Demand for the Auckland student accommodation village has been high, with all the apartments and studio apartments now full, and Ms Davies says the Halls of Residence are also proving popular.

“The pressure is on if students want to live on campus. The Halls of Residence are filling up fast. They're usually the best option for first-year students, as everything is taken care of.”

The Auckland accommodation village will open in mid-February in preparation for the 2015 academic year. For more information on the village, visit the [website](#).

The new accommodation village continues to build on Massey's investment at the Auckland campus, with the recent construction of new science laboratories, a central student amenities hub, and the expanded library. This investment is a key part of Massey's plan to grow dynamically in Auckland and meet New Zealand's need for academic excellence and innovation.

Date: 19/01/2015

Type: University News

Categories: Auckland; Feature; International; Music and campus life; National; Palmerston North; Uni News



New research finds Takahē have African cousins

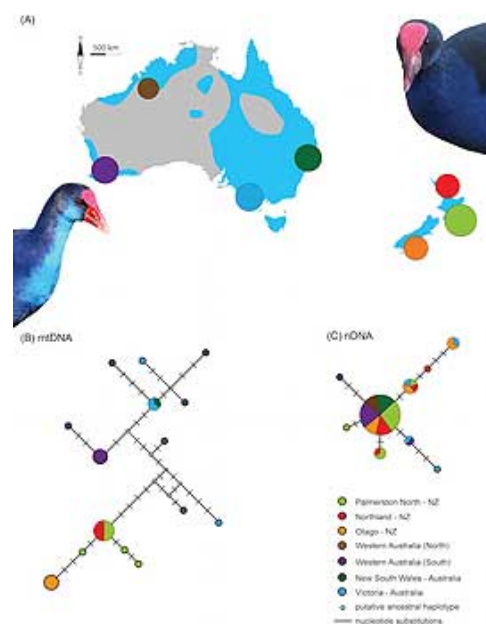
New research from Massey University suggests that our takahē have African cousins and that our pūkeko are getting friendly with their Australian counterparts.

A paper published in *The Auk: Ornithological Advances* has analysed DNA from swamphens – the group that both takahē and pūkeko fall into – to understand how these iconic New Zealand birds evolved.

By looking at gene sequences from a number of individuals across Africa, Asia and the Pacific, researchers were able to map the geographic distribution and evolutionary relationships between the birds. Surprisingly, they found that takahē are more closely related to an African swamphen than other New Zealand hens.

When they focused on Australian and New Zealand species, they found that there had been extensive interbreeding between New Zealand and Australian populations. However, you would not be able to know this by looking at their appearance, their physical location or even their mitochondrial DNA.

This paper follows on from more extensive work done by [The Phoenix Lab](#), a research group with interests in biodiversity and finding out how species are formed, which looks at the relationships and evolutionary timing of the bird family (Rallidae) that includes both the takahē and pūkeko.



Location (top) and genetic relationship between different swamphen populations. The genetic relationships were found using two types of DNA: mitochondrial (bottom left) and nuclear (bottom right). Circles with multiple colours show interbreeding between populations

Team leader of The Phoenix Lab Associate Professor Steve Trewick says research on one group of birds actually informs our wider understanding of evolution and what it means to be a 'species'.

“These studies really make us think about what it means when we talk about a species. Just because animals may look very different, occupy different habitats, or not show any intermediate forms, doesn't mean they aren't mating with each other” he says.

The link to the article is [here](#).

Date: 20/01/2015

Type: Research

Categories: Home Page article; Applied Learning; College of Sciences; Palmerston North; Research

New format for online 2015 University Calendar

The Massey University [2015 Calendar](#) is now available online. The calendar is the pre-eminent statement of the University's regulations and statutes and comprises a quality-assured collation of the regulatory decisions made by the Academic Board and its Academic Committee and college boards. It articulates the regulations that will apply for the 2015 academic year.

Content is under the following sections:

Section 1: General University Information

Section 2: Diary of Key Dates

Section 3: Staff of the University

Section 4: Massey University Qualifications

Section 5: Studying at Massey University

Section 6: Enrolment at Massey University

Section 7: Glossary of Terms

Section 8: Prescriptions and Schedule of Papers

Some changes have been made to the format and structure to enable readers to more easily locate information. The three key changes are:

1. The staff section is now more prominently located at the front of the calendar, acknowledging that the quality of the academic offer is founded on the reputation of the University's staff.
2. Regulations have been reorganised over three new areas:
 - i. Massey University Qualifications, which includes all regulations relating to the structure of qualifications, including admission regulations.
 - ii. Studying at Massey University, which includes all regulations relating to engagement, study, use of information, and examinations.
 - iii. Enrolment at Massey University, which covers the enrolment process and regulations.
3. Qualifications have been ordered alphabetically by degree (doctoral, master's, bachelor's), followed by diplomas (postgraduate, graduate, undergraduate), and sub-degree programmes, reflecting the importance the University places on its degree programmes.

Qualifications are no longer presented in college groupings; staff may wish to create their own PDF documents of College-specific programmes. Headings and progressive translation of significant sections of the Calendar into Te Reo Maori will be resumed from 2016 once the new structure has been successfully trialled.

The calendar is a permanent and stable record for archival purposes, and can only be updated for any errors and omissions made in the recording of decisions made in 2014. Limited numbers of spiral-bound desk copies are available for super-users, but these are secondary sources and only the web-published version should be referred to for formal use.

Copies of all the calendars, back to 2004, [may accessed here](#).

Date: 21/01/2015

Type: Internal Communication

Categories: Any



Changes to the geography of the Fox Glacier are clearly visible. Images courtesy of Dr Ian Fuller.

West Coast valley rises as glaciers retreat

Massey University scientists say the dramatic changes to the Fox Glacier are also having dramatic effects on the landscape, with the valley rising by more than a metre in the last two years.

Dr Sam McColl and Associate Professor Ian Fuller, from the Institute of Agriculture and Environment, visited the glacier last week to continue their annual survey of the valley floor. The survey aims to understand how glacier retreat affects landforms and sediments in the Fox Valley on the South Island's West Coast.

Dr McColl says changes in glacier behaviour, such as calving and glacial retreat, have impacts that extend beyond tourism to affecting the sediment in the glacial valley. "With this kind of change, we could see the whole valley looking drastically different in a hundred years' time," he says.

He says West Coast glaciers are extraordinarily sensitive to changes in precipitation, temperature, and human interference and respond very rapidly to changes to those climatic parameters. "Changes to the glacier ultimately mean changes to the surrounding sediment and landscape."

"Dramatic phases of retreat, like the one the glaciers are experiencing now, remove the buttress effect provided by the glacier – essentially a door stop that makes the surrounding hillslopes more stable. Without it, the hillslopes are more unstable and likely to fail which leads to more sediment being delivered down-valley. At Fox Glacier, this extra sediment is what has resulted in the valley floor rapidly increasing in elevation."

The Department of Conservation earlier this year announced that the Franz Josef and Fox glaciers may be accessed only by air. Dr McColl says this was the first time in 11 years that the annual field trip they lead for students was unable to access the glacier. He said while the lack of access was disappointing for the students – as it was for members of the public – it did not prevent them carrying out their detailed study of the adjoining valley.

Date: 22/01/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues

University Māori and Pasifika Women in Leadership Scholarships

The New Zealand Universities Women in Leadership Programme provides for a scholarship for Māori and Pasifika women for this year.

All Māori and Pasifika women at Massey University are invited to consider applying. The programme for academics runs from June 22-26; the programme for professional staff runs from August 24-28.

Themes are:

Monday - Setting the Leadership Context - Strategic Leadership in Academia.

Tuesday - Leadership Development and Career Advancement.

Wednesday - Managing Change - Transformation, Communication, Negotiation and Strategic Intervention.

Thursday - Research Leadership (Academic staff); Communication and Building Resilience (Professional staff).

Friday - Leadership in Action - Preparing for and Exercising Leadership.

Programmes are held at the Bolton Hotel, Wellington, and include accommodation. The scholarships are partially funded by the NZWiL Programme to the value of \$3000 plus gst and the University will fund the remaining \$2250 plus gst per participant from a centralised budget. Departments will be responsible for the cost of each participant's travel to and from Wellington if required.

Completed applications, including your manager's written endorsement, are to be submitted to Coralie Weller at c.weller@massey.ac.nz by March 13. The application/nomination forms can be accessed via the People and Organisational Development home page at NZWiL

Date: 22/01/2015

Type: Internal Communication

Categories: Any

O'Hara appointed director of teaching, learning and distance education

Duncan O'Hara has been appointed director of Massey University's National Centre for Teaching and Learning and its Distance Education Learning Futures Alliance, Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood has announced.

Professor Heywood says Mr O'Hara, who was acting director last year, has been instrumental in the University's transition to digitally-enhanced learning and teaching, established a wide-range of professional development programmes and led several strategically important projects that contributed to student support.

"Duncan is committed to the transformative nature of education and is passionate about enriching the educational experience through the development of contemporary curricula," she says. "He is particularly interested in the role that technology plays in enhancing teaching and learning and the development of models of tertiary education that will place this University at the forefront of global education.

"Duncan will lead the merger of the national and campus-based centres for teaching and learning and the Student Success Unit, with the goal of delivering a suite of cohesive, relevant and modern services and support to staff and students."



Duncan O'Hara

Mr O'Hara says he is looking forward to developing the connections that the Centre for Teaching and Learning has with other areas of the University. He will drive forward plans to cement Massey's place as an innovative and future-focused provider of high quality tertiary education nationally and internationally.

Date: 22/01/2015

Type: Awards and Appointments

Categories: Extramural; Teaching



Miriam Mullard

Healthy lifestyles encouraged at new nutrition clinic

Achieving your New Year's resolution to eat healthier just got easier with the opening of a new nutrition and dietetics centre in Auckland.

The team at Massey University's Nutrition and Dietetics Centre aims to cut through the information overload and offer sound, practical advice, backed by science and research, across a range of services and consultation packages.

The centre's principal dietitian, Miriam Mullard, recently returned to New Zealand from the United Kingdom, where she worked in both private practice and for the National Health Service Trust. She says she is excited by the opportunities the new clinic will provide.

"People have a variety of reasons why they need to be careful with their diets. Some have allergies or intolerances; others may have weight management problems or need specific information for chronic health issues, sports nutrition or even their child's fussy eating. We're here to help."

Dietetics is the study of the food that people eat, and its effects on health. This covers everything from pre-natal nutrition through to optimal eating for senior citizens.

The clinic will offer a range of consultation options, from individual programmes to group packages, nutrition education talks, bespoke meal plans, guided supermarket visits and professional development seminars. Professional services, including sports psychology, can be added to the programme as required, and the clinic also provides BodPod body analysis, which accurately measures body composition. Charges will vary depending on the type of consultation.

"We are keen to hear from people who want to work with us individually or in groups, so we can provide advice tailored to their needs. We can offer advice on women's health, men's health, and particular health needs – like diabetes, irritable bowel syndrome (IBS), cardiovascular disease or allergies. We can also offer

healthy eating advice for vegans and vegetarians, and people looking to change their lifestyle and get more physically active,” Ms Mullard says.

Pro Vice-Chancellor of the College of Health, Professor Paul McDonald, says launching this new professional practice centre will benefit staff, students and people in the community.

“We are delighted to offer this new service to the public, as it particularly focuses on those who are not eligible for assistance through their district health boards, for example. At the same time, our dietetics students will have the chance to practise in a professional environment alongside our qualified staff. Dietitian services are in huge demand within the health care system, and access is limited to the chronically ill. This clinic provides an opportunity for Massey to help contribute towards building a healthier society,” he says.

Ms Mullard says the clinic's services will also be offered to GP clinics, schools and corporate organisations across the Auckland region.

“Many organisations now encourage their staff to have healthier lifestyles, and I can travel to workplaces, schools and GP clinics to deliver talks or consultations. We can also help deliver professional development seminars for midwives and people who provide nutritional advice. We know there is a need for this service across the Auckland region, and we can work with people to fill in those knowledge gaps and help build a healthier New Zealand.”

For more information on the clinic, visit the [website](#) or send an [email](#).

Date: 22/01/2015

Type: Features

Categories: Applied Learning; Auckland; College of Health; Explore - HEALTH; Feature; School of Food and Nutrition; Uni News

Massey University welcomes invitation to be part of Māori research centre

Massey University congratulates Ngā Pae o te Māramatanga on being invited to submit a full application for selection as a Government-funded centre of research excellence focused on Māori research.

Massey Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood says she is delighted with the positive feedback received for the Ngā Pou Whakawhenua pre-proposal which was submitted to the Tertiary Education commission by Massey on behalf of a collaboration of several university and iwi partners.

"We welcome the commission's advice that there will be further opportunities for the team supporting Ngā Pou Whakawhenua to work with Ngā Pae o te Māramatanga and see some of their innovative ideas being adopted as part of the final centre of research excellence and look forward to doing exactly that", Professor Heywood says.

Ngā Pae o te Māramatanga, hosted by the University of Auckland, was one of three applicants to submit pre-proposals. The third was from Te Kāpua hosted by the University of Waikato.

Professor Emeritus Sir Mason Durie, who chaired the commission's selection committee, praised all three pre-proposals.

"The standard of applications was very high and we will be encouraging Ngā Pae o te Māramatanga to work collaboratively with the other applicants to incorporate key features of their pre-proposals," Sir Mason said.

"The Māori research community is small and we are keen to see people and organisations working together on one full application to achieve the best possible outcomes for Māori advancement."

The application from Ngā Pae o te Māramatanga focuses on research programme themes of Whai Rawa (Māori economy), Te Tai Ao (Environment) and Mauri Ora (Human Flourishing). These are underpinned by te reo Māori and tikanga Māori, and research which will be shaped and designed by and for Māori communities.

The intended outcome of the Ngā Pae o te Māramatanga research programme is "Māori leading New Zealand into the future" to ensure positive engagement in national life, excellence in indigenous scholarship, and to provide solutions to major national and international challenges. The strong collaborative thrust of their revised proposal is welcomed.

Date: 23/01/2015

Type: Internal Communication

Categories: Any

OneMassey collaboration sites now live

Assistant Vice-Chancellor People and Organisational Development Alan Davis is pleased to announce the launch of the OneMassey collaboration site service, which is the key deliverable of the Electronic Document and Records Management Project as per the approved Records Management Strategy Plan (SLT09/03/33).

Collaboration sites are designed for Massey staff, and provide teams with smart and sustainable online workspaces to create, manage and share content anywhere, anytime with their Massey login. "The successful completion of the EDRMS project is a noteworthy achievement for the University as its success will vitally contribute to the way Massey manages information and knowledge and streamlines and automates its business processes", Mr Davis says.

During the project phase over 30 workshops/focus group meetings were facilitated, with 310 staff in attendance. Including an online survey (467 staff participated), it is estimated that around 20 per cent of Massey staff have already had some exposure or involvement in the development of the project solution over the past three years. All of this engagement and analysis helped the project team obtain very useful information and insights on user and business requirements in order to design a fit-for-purpose and flexible solution that was aligned with Massey's strategic direction.

"This project has not been without complications, issues and difficulties; but thanks to immense efforts and endeavours by a talented and committed project team, under the leadership of the university records manager Cecily Fung, the planned project outcomes have been delivered within the project timeframe and budget," Mr Davis says.

Mrs Fung says: "This has been an interesting and challenging journey, but it has all been worthwhile, as the new efficient and sustainable collaborative digital workplace will provide the university with a sound information management platform to enable effective management and secure safeguarding of the university's valuable information assets in order to further support the goals of the Road to 2025."

Four common site templates – committee, project, team and team management – were developed and tested with a range of early adopter groups, and are now ready for wider application across the University. The sites come as a basic template, and teams can then further develop their site by adding more document libraries, lists, pages, features and content.

Training and resources have been designed to guide teams through setting up and using a site, with modules supporting the different types of users, for example site owners and site members. Each college or

business unit is encouraged to start by considering how they want to collaborate within their area and with other areas of Massey, and then determine an overall structure for sites and plan for implementation - this should be led by the heads of departments or institutes.

Sites can be created by following the instructions and steps on the Online Site Provisioning Landing pages. Most teams will find that they want assistance with setting up sites and with adapting to a new way of working, so the project team will work through the University in phases over this year and next. There is no need for you to take any action until you hear from the team. The first priority is standing committees and major projects. The goal is for all Massey teams to have sites by the end of next year.

It is expected that Massey will start experiencing the return on investment in terms of efficiency gains from this project when all standing committees have a committee site and all key projects have project sites as their default content repository and collaborative workspace. Maximising user adoption with the support from the senior management and heads of departments is critical for the post-project deployment of developed functionality and management of risks and challenges to ensure full realisation of the benefits of this new EDRMS solution.

Find out more

- [Benefits and Collaboration sites explained](#)
- [The process for getting a site and the rollout schedule](#)
- [Service catalogue and Site Provisioning landing portal](#)

Date: 23/01/2015

Type: Internal Communication

Categories: Any



Opinion: RMA reforms like a search for a unicorn

by Caroline Miller

The Resource Management Act is probably the most amended act in New Zealand, with each amendment accompanied by a promise that the latest modification will secure a better, faster, more efficient and cheaper system.

The problem is that whatever change the amendment brings about is found wanting by the next party in power. Equally, we know from past attempts that legislative change does not in itself secure better planning practice. That is the danger with the latest reform, that it will raise expectations of change that will not be achieved. That is even more likely given the mixed goals the latest reforms are seeking.

Affordable housing will not be achieved solely through RMA reform, as it is a product of a complex range of factors including the cost and availability of finance, the cost of building materials, and the availability of adequately trained builders. Changing the RMA will change none of those factors. If planning is to be sidelined to force affordable housing developments through then that will be at the cost of community involvement in decision-making, something that has always been at the heart of RMA processes. If these rights are curtailed they will effectively limit people's private property rights, something the Environment Minister [Dr Nick Smith] says the reforms will protect. It is hard to see how that incompatibility will be overcome.

The Minister has also made much of the reforms being based on the independent Motu Research et al. report. A quick scan of that report reveals that it is based only on an assessment of development in Auckland, where planning has always been difficult due to the speed of growth and doubly difficult as the city still has to plan with a patchwork of legacy plans. Their assessment also includes building consent costs and issues which fall outside the purview of the RMA, bringing into question the reliability of the oft quoted cost figures and the impact of RMA changes. The report also acknowledges the \$15,000 and \$30,000 figures are not the product of a cost benefit study and may be justified through the benefits they achieve.

Communities are very protective of residential areas and have clear ideas and expectations of what they will accept in those areas. Consultation processes, a central aspect of the RMA, ensure those views get incorporated into plans. So you can change the RMA but unless you reverse some 40 years of planning processes and exclude these voices, then plans will not change. Plans are the reflection of each community's wants and needs and finding a universal 'right' model is like finding a unicorn.

Associate Professor Caroline Miller is a Resource Management Act and planning specialist in the College of Humanities and Social Sciences' School of People, Environment and Planning.

Date: 23/01/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences



Sang and Rie

Japanese film season opens with *Bread of Happiness*

As summer holidays give way to normal daily work and school routines, the monthly Japanese film screenings return to Massey University's Auckland campus on February 2.

The free films are brought to New Zealand with the kind permission of The Japan Foundation and the Consulate-General of Japan, and screen on the first Monday of each month.

The heart-warming drama *Bread of Happiness* (2012) – or *Shiawase no Pan* – will open the 2015 Japanese film series, screening in the Atrium Round Room.

Auckland campus registrar Andrea Davies says the movies are a fantastic way for the local community to enjoy Massey's campus.

“We have had a great response from the community when we started screening these films last year. It is a fantastic way for people to check out the campus – and with students living on campus this year in our brand new accommodation, I'm sure they will enjoy this as well.”

Written and directed by Yukiko Mishima, the season-opening film was inspired by a real bakery café in Hokkaido. The film depicts the everyday life of the couple who run it, and their customers, filled with baking and also shows Hokkaido's amazing scenery over the four seasons of the year.



Welcome to Mani Bakery

Rie and Sang start a bakery-cum-restaurant named Mani on the shores of Lake Toya in Hokkaido. Sang is the baker and Rie is the chef who prepares the food in the restaurant. The business serves a variety of

customers – some of whom are experiencing personal problems. However, as they leave, they feel happy and relaxed.

The film stars Tomoyo Harada as Rie and Yo Oizumi as Sang.

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15 pm. No bookings are required to attend the films, and people are welcome to bring their own food.

The films are also shown at the University of Waikato on the second or third Thursday of the month, and at the University of Auckland on the last Thursday of the month.

March screening

The March 2 screening will feature the classic 1987 film *Hatchi Monogatari*, directed by Seijiro Koyama. This screening will return to the era of old-time cinema, as the film will be projected using 16 mm film stock.

For more information on the film schedule across the region, go to the website for the [Consulate-General of Japan](#).

All images (c) 2011 "Shiawasenopan" Production Committee

Date: 23/01/2015

Type: Features

Categories: Auckland; College of Humanities & Social Sciences; Exhibition/Show; Feature; International; Music and campus life



The latest Westpac-Massey Fin-Ed Centre survey shows that 49% of the young people consult the internet before making a major financial decision.

Young people overly optimistic about finances

A new survey of young New Zealanders by the Westpac-Massey Fin-Ed Centre shows that many believe their financial situation will improve in the coming year and their money management skills require no improvement.

The findings come from a follow-up survey of participants in the Fin-Ed Centre's 20-year longitudinal study, which reported its baseline results in 2012.

Only 16 per cent of participants, now aged between 20 to 24 years old, believe their financial situation will get worse over the coming 12 months and 71 per cent feel they don't need to improve their money management skills.

"I find it a bit of a stretch to believe that most young people know all they need to know about managing their finances," says co-researcher Dr Jeff Stangl from Massey University. "I think there is a tendency with this age bracket to be over-confident about their skills."

The respondents were also asked if they had made any major financial decisions in the past year and, if so, what advice they sought. Seventy-five per cent consulted their parents, 43 per cent discussed the decision with their friends and 49 per cent searched for information on the internet.

Westpac's general manager of business bank and wealth Simon Power says it's concerning that so many young people rely heavily on the advice of family.

"This is fine if you have financially savvy parents – but that is not always the case. Bad financial advice can become a debt trap perpetuated by the family environment.

"Only 6 per cent of those surveyed used a financial advisor before making a major financial decision and not a single respondent used a budget advisor. It's clear this cohort don't proactively seek financial advice or

education so we need an ecosystem that makes financial literacy programmes accessible to everyone through schools, workplaces and the community.”

Dr Stangl says the two most common major financial decisions cited by the group were changing jobs and giving up a job to go overseas.

“From a parent's point of view it is sad that 44 per cent of these young people are considering going overseas to chase opportunities,” Dr Stangl says. “This is the prime cohort of new entrants into the labour force and nearly half of them think their future prospects may be better offshore.”

Key findings:

- 71% feel “in control” of their financial situation and 69% feel good about their money management skills.
- Only 39% are satisfied with their current financial status but 69% expect their situation to improve in the coming year.
- Only 29% had taken steps to improve their money management skills in the past year; of these 45% had discussed money management with parents and 40% had discussed it with friends.
- 36% had made a major financial decision in the past year; of these 31% changed jobs, 27% had decided to go overseas and 16% bought a car.
- 75% sought advice from their parents, 43% discussed the decision with friends and 49% researched using the internet.
- 32% say their financial situation would be improved by lower rent, 26% cited lower food costs and 24% a lower tax rate.
- 44% are considering moving overseas in the next two years to improve their financial position,

The Westpac-Massey Fin-Ed Centre (Financial Education and Research Centre) is a joint initiative between Massey University and Westpac that aims to help New Zealanders become more financially empowered.

The baseline results for its 20-year longitudinal study were released in 2012. Its 300 participants will be surveyed regularly to improve understanding of financial education needs at different life stages. The data contained in this media release comes from a ‘snapshot’ questionnaire taken two years after the baseline survey and involved 56 per cent of participants. The research was conducted by Dr Jeff Stangl and Dr Claire Matthews from Massey University.

www.Fin-EdCentre.ac.nz

Date: 24/01/2015

Type: Research

Categories: College of Business; Fin-Ed; School of Economics and Finance



Auckland light show, concert sponsored by Massey

Massey University is the principal sponsor for Run the Night, a new to New Zealand event, being held at the Auckland Domain on March 27.

It involves up to 10,000 participants aged 16 and over running two laps (5km) of the Domain at night under a lightshow, with music played over 100 speakers.

The run will be followed by a 90-minute concert by Auckland duo Jupiter Project.

Other sponsors include ZM, iheartradio, V and Juice TV.

Members of the university's marketing team have planned to maximise the value of the sponsorship prior to, and on the night of, the event.

Marketing manager Tracy Pleasants says the sponsorship is part of a ongoing campaign to raise awareness of Massey in the important Auckland market, New Zealand's largest single source of students.

"It's great to part of a cool new event that promotes fitness as well as a fun night out. We are also inviting ticket buyers to consider making a donation to [Wildbase](#) when they purchase tickets."

Any staff who want tickets can get them on the website runthenight.co.nz

By using the code D365274 you will receive a 20 per cent discount. (Massey students can receive a 15 per cent discount by using the code D624859).

For more information contact [Tracy Pleasants](#).

Date: 29/01/2015

Type: Internal Communication

Categories: Any

Change of focus for National Events Team

Massey University's National Events Team's future focus will be on defining events, major events and sponsorship.

The team has changed its approach to supporting conferences and is now working with external professional conference organisers to assist Massey staff to deliver events.

Team members will work with staff to evaluate their needs and link them with an appropriate external provider. The team will continue to assist staff in linking conferences with other External Relations services where appropriate, such as communications and marketing.

Team members are: national events and sponsorship director Shelly Deegan, national events executive Adina Rohringer, national events assistant Zavana Keenam, events and scholarship manager Taniya Ward (all based at Manawatū); and national events assistant Lis Carroll and New Zealand Food Awards event manager Sarah Thorpe (both at Auckland).

[Contact details for the team.](#)

Date: 29/01/2015

Type: Internal Communication

Categories: Any



Roger Hart pictured during his years teaching illustration and life drawing at the School of Design

Life drawing tutor and illustrator remembered

Current and former staff from the School of Design in Wellington turned out in force last week at the funeral service for Roger Hart, 82, an illustrator and life-drawing instructor for 25 years.

From 1972 to 1997 Mr Hart was a familiar presence around the school (now part of the College of Creative Arts), where he is remembered as "a commanding figure" who was a very good supporter and recorder of students' work.

College first-year coordinator Caroline Campbell, who was taught by Mr Hart, says the breadth of his interests made him a strong supporter of the New Zealand arts scene. "He had a very good understanding of New Zealand culture and taught students to speak with a New Zealand voice."

Another former student and recent lead designer at Designworks, Belinda Ellis, says he was known for his love of opera and impromptu aria singing during illustrating and life drawing studio sessions. "Particular favourites were excerpts from Purcell's Dido and Aeneas 'Ah! Belinda,'" she says. "We respected him for his expert knowledge as well as his kindness in inspiring us to work to attain professional careers as freelance illustrators."

The funeral service was held the same week as that of Ian Athfield, the renowned Wellington architect, whose firm Athfield Architects designed the award-winning Te Ara Hihiko creative arts building.

Date: 29/01/2015

Type: Internal Communication

Categories: Any

Research Strategy 2015-17 Development Workshop

The workshop will provide an opportunity to reflect on achievements and progress against the Research Strategy 2012 – 2014 Research Strategy and facilitate the development of the Research Strategy 2015 – 2018.

Staff are encouraged to attend and participate in defining the future direction for Massey University research. research at Massey.

Manawatu campus: February 11, 1pm-3pm, Wool Building 1

Wellington campus: February 12, 1pm-3pm, Lecture Theatre 200

Auckland campus: February 19, 3pm-5pm day, Atrium 2

Please RSVP attendance to [Sian Wright](#)

Date: 29/01/2015

Type: Internal Communication

Categories: Any

Poll confirms web tool encouraged youth to vote

More than 10,000 young people aged between 18 and 34 were influenced to vote in last year's general election by the efforts of an interactive web tool designed by Massey University graduates.

A Horizon Research survey of voting behaviour at last September's election showed that On The Fence was the most effective initiative focused on increasing youth voter turnout.

The survey asked eligible voters whether they were aware of the Virgin Voter Collective campaign to raise youth voter participation, and which initiatives influenced their decision to vote.

The survey, which had a margin of error of three per cent, showed that 33,500 eligible voters aged 18-34 were aware of the Virgin Voter Collective campaign with 31.7 per cent of them (or 10,619) influenced to vote by On The Fence.

On the Fence was itself an umbrella initiative devised by the Design and Democracy Project led by Massey design lecturer Karl Kane.

Master of Design graduate Kieran Stowers developed On The Fence from a prototype he designed for the 2011 General Election with fellow students in an undergraduate paper.

Using the backdrop of sheep down on the farm – a play on the notion that people are sheep and follow their friends – On The Fence asked users to indicate how much they agreed with two statements that relate to policy issues of the day. A best match was then calculated to identify the parties most compatible to their views.

The matches were generated via a specially built back-end database built alongside Wellington's Springload design agency. The data came from an independent panel of specialists that included political scientists, journalists and bloggers.

Virgin Voter Collective manager Hannah Duder says the figure showed that On The Fence was the most effective in terms of its reach and impact of all the campaigns that also included initiatives such as RockEnrol.

Vote Compass, a popular web-voting tool devised by TVNZ, was not surveyed as it encouraged all age groups to use it and not just youth voters.

Mr Kane says the success of On The Fence “shows how effective people-centred collaborative design thinking can be in engaging those voices and perspectives disproportionately missing from our political processes. The Design and Democracy Project's work helped empower young people by providing a platform for them to participate on their own terms.”

Date: 29/01/2015

Type: University News

Categories: College of Creative Arts; Creative Arts; Research - Design; Wellington



On The Fence, a web tool created from a prototype by Master of Design graduate Kieran Stowers from Massey University's Design and Democracy Project, had the greatest reach and impact of all Virgin Voter Collective initiatives to encourage young people to vote in last year's general election.



The latest Massey University Home Affordability Report shows house affordability has decreased across the country.

Home affordability heads for uncharted territory

Houses across New Zealand decreased in affordability by 14.1 per cent over the 12 months ending November 2014, according to the latest Massey University Home Affordability Report – and on current trends Auckland's lack of affordability could reach historic levels.

But the national picture is reflected to some extent in all regions, says the report's author Professor Paul Gallimore from Massey's School of Economics and Finance.

"In some regions the annual worsening in the affordability index has been kept at single figures, but the majority of regions are into double figures," he says.

Looking over the whole of the past year, the decrease in affordability has been driven in roughly equal measure by rising house prices and increased borrowing rates. A 0.46 per cent increase in interest rates, coupled with an over \$30,000 rise in the national median house price, far outstripped the \$19.35 increase in the average weekly wage.

"What this means is that a progressively higher slice of people's income is needed to fund home buying. This tends to bite harder at first homebuyers, and is especially the case in Auckland," Professor Gallimore says.

Auckland again tops the list of least affordable regions, followed closely by the Central Otago/Lakes region. Both areas experienced steep house price rises during the report's most recent quarter, which ran from September to November 2014. Auckland sits at 40 per cent above the national median, while Central Otago/Lakes is now 39 per cent more unaffordable than the national average.

"If you look at only at the last quarter, hikes in prices have really dominated, with around 85 per cent of the change in the national index over that period due to this factor," Professor Gallimore says.

Professor Gallimore expects housing affordability to continue to deteriorate into 2015 and, in the case of Auckland, may reach levels not seen since before the global financial crisis.

“While Auckland's affordability score still remains below the peaks seen in 2007/2008, its current trajectory suggests it may soon return to or exceed those levels,” he says. “Even without further price rises – which no one is predicting – a one percentage point rise in interest rates, without substantial wage increases, would put it on par with 2007/2008 levels.

“A rise in house prices of 10 per cent, with wages rising at the same pace as last year and no interest rate increases, would also push it close to those peaks. But if this situation was combined with a modest half-point rise in borrowing rates, the index would be propelled into what, for Auckland's recent record of affordability, would be uncharted territory.”

Download the entire Home Affordability Report at: <http://bit.ly/home-affordability-report-dec2014>

Key findings:

- Annual deterioration in national affordability of 14.1%
- Quarterly deterioration in national affordability of 10.2%
- Affordability projected to continue to deteriorate into 2015
- Rate of deterioration in Auckland affordability quickens pace in most recent quarter.

Worsening in affordability over the past year – by region:

- Northland – 10.5%
- Auckland – 16.4%
- Waikato/Bay of Plenty – 13%
- Hawke's Bay – 16.4%
- Taranaki – 7.1%
- Manawatu/Wanganui – 18.8%
- Wellington – 7.6%
- Nelson/Marlborough – 5.5%
- Canterbury/Westland – 12%
- Otago – 11.5%
- Central Otago/Lakes – 15.4%
- Southland 7.5%

Least affordable region: Auckland – 40% more unaffordable than national average

Most affordable region: Southland – 54% more affordable than national average

Date: 29/01/2015

Type: Research

Categories: Home Page article; College of Business; School of Economics and Finance



Using mobile phone apps to communicate with shoppers when they enter the store is the biggest development overseas.

Retail trends in 2015 and beyond

At the start of any new year it's natural to look ahead, and the retail sector is no different. What changes are on the horizon? What trends will affect retail businesses in 2015 and beyond?

On the one hand, technology is bringing change at increasingly rapid speeds, but it has also made New Zealand part of a global community where international trends can be easily identified.

In many areas, including big data collection, communication with customers and creating brand loyalty, retailers in Europe and the United States are leading the way. What follows is a round-up of some key global trends that Kiwi retailers should be aware of.

Smartphone apps are one of the fastest-growing developments in overseas retail. Many supermarkets in Europe have developed their own apps that consumers can download onto their phones, enabling them to be contacted at several key times. For example, they can receive a "product of the day" offer while they are at home or, upon entering the store, they can be sent a personalised offer that can be redeemed during their visit.

Likewise, American upscale department stores communicate with their customers via similar apps, but the process can be even more elaborate because the customers are segmented and only get offers matched to their segment profile.

This approach has been hugely successful for two reasons. Firstly, it delivers an element of surprise – what will today's offer be? – and a large number of shoppers have said this increases the enjoyment of their shopping experience.



Associate Professor Valentyna Melnyk

Secondly, by being able to register the moment a customer enters the store and sending an offer at that time, the app engages the customer at the moment of their purchase, rather than via the flyer. I believe the first retailer to introduce this in New Zealand would enjoy great benefits, including the first mover advantage.

Internet and loyalty programmes are also going through a period of change as retailers find their effectiveness reducing over time. On the one hand, loyalty programmes have created the expectation of more personalised and customised offers but, at the same time, consumers often have huge concerns about privacy. They are also turned off when, upon signing up for a programme, they are subsequently “bombarDED” with emails.

For example, research has shown asking any questions about income really puts consumers off and that merely presenting them with a choice about membership level enhances their trust in the company, which is the building stone of loyalty.

Retailers need to find their way around these issues and develop loyalty and communication programmes that engage consumers in a positive way. One option is to offer two levels of sign-up – generic membership without personal data (a “no questions asked” approach) and a more personalised programme that requires the collection of some personal data. A more modern option may be the option of downloading – or not – the store’s mobile phone app.

Another significant development in retail is the introduction of “levels” within supermarket house brands to increase quality perception (as their quality, actual or perceived, may differ among categories). In New Zealand, Foodstuffs has its “Pams” and “Budget” ranges, while Countdown has its “Signature Range”.

If we translated European practices to the New Zealand market, we would see Pams dividing its offerings into, say, “Pam’s Premium” and “Pam’s Everyday”, with stores still stocking a “Budget” range. In Europe this move was shown to increase the percentage of house brand products sold by retailers.

Associate Professor Valentyna Melnyk is a marketing and consumer behaviour specialist from Massey University’s business school.

Date: 30/01/2015

Type: Features

Categories: College of Business; Explore - Retail

Wellington public workshop of handcrafted animation

Multi-media analyst and artist Mark Steelsmith, from Massey University's School of Communication, Journalism and Marketing, is holding a public handcrafted animation workshop in Wellington on Saturday.

The workshop, from 10am-2pm at Toi Poneke Gallery, will give participants a rare opportunity to use handcrafted animation.

It follows an exhibition last month of five animated video works in which Mr Steelsmith worked with paint over video-stills, cardboard cut-outs from printed video frames and the re-working of a single image to destruction, to chronicle how he used animation to overcome his battle with depression.



Multi media analyst Mark Steelsmith in the digital media village at the School of Communication, Journalism and Marketing.

He will demonstrate many of these techniques at the workshop.

Over the past eight years, Mr Steelsmith has exhibited in Wellington, Palmerston North and Whanganui, following a career in producing animations for music videos and children's television.

He has a Bachelor of Fine Arts (1999) from the Quay School of Arts in Whanganui, a Postgraduate Diploma in Fine Arts (2011) from Massey and is now studying for a Master of Fine Arts.

The gallery is at 61 Abel Smith Street.

Date: 01/02/2015

Type: University News

Categories: Wellington



Professor Paul Kenyon

Kenyon to head Massey vet sciences institute

Internationally renowned sheep specialist Professor Paul Kenyon is the new head of Massey University's Institute of Veterinary, Animal, and Biomedical Sciences.

The institute includes New Zealand's only Veterinary Teaching Hospital and its leading native wildlife health centre, Wildbase.

Professor Kenyon has led or co-led more than 100 sheep research studies in the past decade, resulting in more than 330 scientific publications – all aimed at improving on-farm productivity and profitability.

College of Sciences Pro Vice-Chancellor Professor Robert Anderson, who announced the appointment, says Professor Kenyon's proven teaching and management skills and his strong research links in New Zealand, Australia, Asia and South America made him an excellent candidate for the important role.

Professor Kenyon says there are opportunities for the institute to grow in undergraduate and postgraduate teaching space and in research both nationally and internationally. He aims to work with the team at the Institute to identify those opportunities and develop strategies to realise them.

"I am honoured to be the head of an institute that is nationally and internationally recognised for its teaching and research excellence," he says. "I am excited by the challenges this position brings and I am looking forward to working with a highly successful team."

Date: 02/02/2015

Type: Awards and Appointments

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; School of Veterinary Science

New email signatures available

New email signatures have been produced to replace the 50-year and 21-year celebratory signatures from last year.

They are consistent with Massey University's external brand campaign, which will continue this year, with new imagery launched in April.

The signatures will updated during the year as the campaign develops. They, along with the standard Massey University signatures, can be [downloaded here](#).

Date: 03/02/2015

Type: Internal Communication

Categories: Any



Two World Cups, but where's the money?

With the glory of the 2011 Rugby World Cup now a faded memory, New Zealand is once again preparing itself to host a major sporting event. This year we will welcome not one, but two, international tournaments – the ICC Cricket World Cup and FIFA Under-20 World Cup

The Cricket World Cup, which we are co-hosting with Australia for the second time, is billed as the fourth-largest sporting event in the world with a global audience of two billion people. Meanwhile, the Under-20 World Cup is FIFA's second largest tournament, and was viewed by over 500 million people when hosted in Canada in 2007.

Securing the hosting rights for these two events bodes well for New Zealand's economy this year – or does it?

To gain some perspective on the potential opportunities, it's useful to contrast the Cricket and Under-20 World Cups to the 2011 Rugby World Cup. That event was said to have a television audience of 4.2 billion people and saw an influx of 133,000 international visitors to these shores, spending as much as \$340 million, according to official figures. Rugby World Cup tourist spending was approximately 1.5 per cent of total tourism spending in New Zealand in 2011.

Based on potential global audience size, the Cricket World Cup is half of the size of the Rugby World Cup, and only half the event will be hosted in New Zealand. That means a possible number of 33,250 international tourists might spend approximately \$85 million on these shores. Likewise, the FIFA Under-20 World Cup could attract as many as 16,625 international tourists and a \$42.5 million visitor spend.

These figures should be considered cautious estimates as precise calculations of economic impact are fraught with difficulty. A 2013 analysis by the Ministry of Business, Innovation and Employment found that projections of economic impact accruing to host cities in New Zealand from major events receiving



Dr Sam Richardson.

government funding were three-and-a-half times larger than the actual impacts. Economic impacts from sporting mega-events can be even more difficult to forecast, as the benefits are often overstated and the costs understated.

There are several reasons why we shouldn't expect economic windfalls from hosting major sporting events. Event-related tourism is often affected by 'crowding-out', where other international visitors postpone or decide not to travel to avoid a major event. This can deflate the actual impact experienced during the event as 'regular' tourists, who might otherwise travel to New Zealand at that time, decrease in numbers.

These effects are influenced by the timing of the event in the tourism calendar. The 2011 Rugby World Cup significantly exceeded pre-event expectations of visitor arrivals, partially because it occurred in the off-peak tourism period.

Visitor numbers for events held in peak tourism periods, like the upcoming Cricket World Cup, are likely to experience more pronounced crowding-out effects as greater numbers of tourists choose to delay their travel or not to visit. Also, spending by locals and tourists on the event is substituted away from elsewhere in the economy, such as alternative forms of entertainment and recreation.

And we mustn't forget the public money that is spent on sporting events is also substituted from alternative uses. Public money carries an opportunity cost which must be counted as part of the cost-benefit calculation.

The 2011 Rugby World Cup was widely considered to be a successful tournament, despite taxpayers having to pick up two-thirds of the \$31.3 million operational loss. Infrastructure and expertise was developed for the 2011 tournament that played a part in enabling this country to bid for (and win) hosting rights to the events of 2015 – but serious doubts are starting to be cast on whether hosting mega sporting events is feasible for small countries such as New Zealand.

Political strife dogged the 2014 World Cup in Brazil, while "white elephant" stadiums dotted South Africa following its hosting of the 2010 World Cup. The price tag attached to mega sporting events is escalating to unprecedented levels, and countries have started to balk at the costs.

So, is the hosting of major international sporting events a feasible strategy for New Zealand to follow? Past experience from around the globe has shown that economic windfalls do not arise from hosting even the largest of sporting events.

For New Zealand, events that use existing infrastructure and do not require substantial capital outlay in the form of taxpayer dollars are opportunities worth considering. Fortunately, both the Cricket World Cup and the FIFA Under-20 tournament will largely use the same stadia as those developed for the Rugby World Cup. While neither are likely to stimulate the economy in any major way, they shouldn't cost us the earth to host either.

Dr Sam Richardson is a lecturer in the School of Economics and Finance and an expert in the economics of sport.

Date: 04/02/2015

Type: Features

Categories: Home Page article; College of Business; FutureNZ 2015

Relay for Life Manawatū registrations open

Registrations are sought for this year's Massey University Manawatū Relay for Life team.

The relay is a popular community event, attracting more than 100 teams each year. Participants run and walk for 24 hours around a track to raise money for the Cancer Society.

The Manawatu event is New Zealand's largest, raising nearly \$500,000 annually.

Anyone from a casual walker to an avid runner is welcome to join in. A barbeque dinner, breakfast and snacks are provided.

You can [register here](#) or, if you are not keen on participating but would like to [donate online](#); if you would like further information or to donate cash please contact [Kirsty Greenwell](#) ext 83620.

Date: 05/02/2015

Type: Internal Communication

Categories: Any

'Mondayising' law change means holiday on April 27

The Holidays Amendment Act 2013 will have an impact for the first time this year.

The law change provided for the "Mondayising" of Waitangi and Anzac days whenever they fall on weekends.

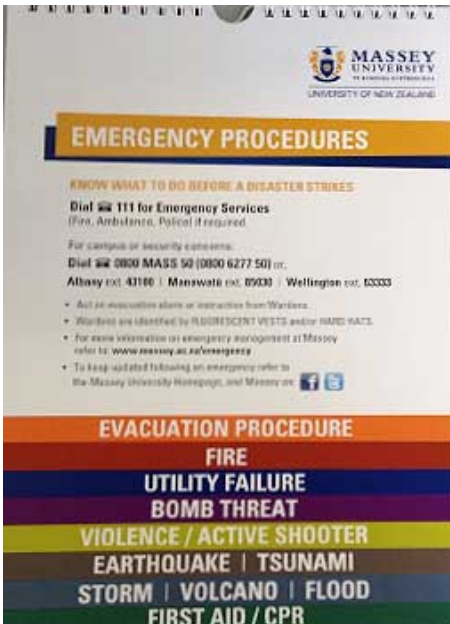
Anzac Day, April 25, is a Saturday this year and, as a consequence, Massey University will be closed on April 27.

For [further information](#) on New Zealand's public holidays and how to claim for additional entitlements at Massey should you be required to work on a public holiday. For any further queries please feel to contact the HRHelpdesk@massey.ac.nz.

Date: 05/02/2015

Type: Internal Communication

Categories: Any



New emergency procedures flipcharts distributed

New Emergency Procedures Flipcharts are an integral part of Massey University's emergency response procedures.

The flipcharts are posted near all fire alarm call points, in lecture theatres, accommodation complexes and in other public areas on each campus.

They are also available online on the [Emergency Management webpages](#).

It is critical that all staff and students are aware of the actions to take during an emergency. The flipcharts cover what to do in the following situations: evacuation, fire, utility failure, bomb threat, violence/armed offender alert, earthquake/tsunami, storm, volcanic eruption and flooding. There is also information about first aid and cardiopulmonary resuscitation.

Staff members are asked to familiarise themselves with each section.

To order extra flipcharts for your department please contact the Facilities Management Helpdesk on your campus

For more information about Massey's [Emergency Management and Preparedness](#).

Date: 05/02/2015

Type: Internal Communication

Categories: Any



A little blue penguin being treated by the Wildbase Oiled Wildlife Response Team during the Rena oil spill of 2011.

Oiled wildlife response to go international

Wildlife worldwide will benefit from New Zealand expertise in treating birds and other marine creatures caught in oil spills under training programme developed and exported by Massey University.

The programme teaches people how to handle and clean fauna. It has a \$50,000 grant from Education New Zealand's International Education Growth Fund.

Researchers from the university's Wildbase Oiled Wildlife Response Team will be collaborating with the University of California Davis' Oiled Wildlife Care Network to develop a training programme in oiled wildlife response. This programme will be aimed at New Zealand and Californian oiled wildlife responders with the potential to be exported globally.

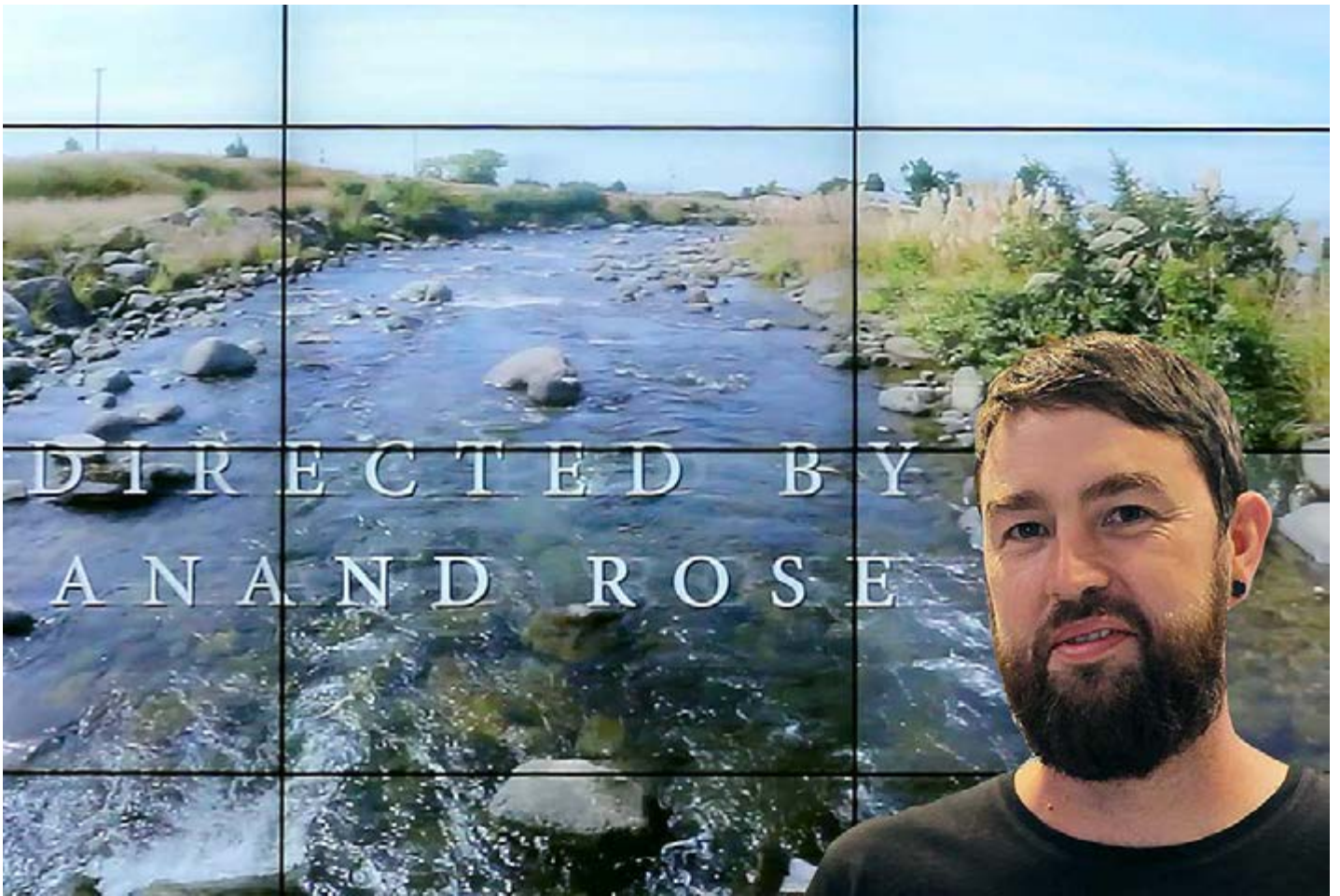
The programme will be run using online modules and on the ground teaching.

Team director Dr Kerri Morgan says the funding will allow them to make substantial difference to animals after a disaster. "The team were instrumental in the treatment of hundreds of birds during New Zealand's Rena disaster of 2011," Dr Morgan says. "We can take what we've learned from that to help wildlife in other places too."

Date: 05/02/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues; School of Veterinary Science; Wildbase Oil Response



Filmmaker Anand Rose, director of a documentary about a Massey University Living Lab project, *Sharing the Waiwhakaiho*.

Art and science in Waiwhakaiho river project

A kayaker describes how his eyes turn a different shade of blue in the water. For tangata whenua, it is the umbilical cord that binds Mt Taranaki to the sea. For a Massey scientist, it's a route of ancient lahars.

They are among participants to feature in a just-launched film weaving together diverse stories, experiences and knowledge of Taranaki's Waiwhakaiho River for a Massey University Living Lab project.

The project – which aims to break down barriers between art and science, as well as academia and the wider community – has resulted in a documentary, [Sharing the Waiwhakaiho](#).

The 15-minute movie by local filmmaker Anand Rose, of New Plymouth-based Green Cow films, was launched at New Plymouth's Puke Ariki Museum last weekend,



Watch the video



along with a number of creative works around the city inspired by data collected by Massey University social scientists.

Rose's film brings together breathtaking imagery of the river and surrounding landscapes and mountain – much of it using aerial drone photography – interspersed with interviews featuring local people connected to the river through farming, art, recreation, science, sport, Māori history and environmental management.

In it, an elderly woman farmer shares anecdotes about the discovery of Māori taonga in a swamp. A sculptor muses on the sensual effects and inspiration of the river's sounds and colours. Vince Neall, Emeritus Professor in Earth Science, tells of how iron oxide can turn the river red, and what the chances are of a volcanic eruption from Mt Taranaki.

But the project also has a bolder aim beyond the creation of an interesting film and innovative art works.

Associate Professor Juliana Mansvelt, a human geographer in the School of People, Environment and Planning who has been part of the team gathering stories from locals in recent months, says the 'living lab' concept aims to bring together different strands of society around a common theme. By sharing their perspectives, new knowledge and understandings can be created.

Ultimately, the aim is to use storytelling to highlight the value of the river to the region – economic, cultural, social and environmental – and to enhance efforts to ensure it is protected in the long term.

She hopes the project will inspire similar initiatives in other regions, and that the film and a website capturing the project and its numerous stories – which she dubs “data with a soul” – will provide a model for what can be done elsewhere when science, art and digital storytelling combine.

A [Sharing the Waiwhakaiho](#) website created by New Plymouth digital artist Ian Clothier hosts the many aspects of the project, including interviews, images, historical information and scientific data.

Clothier, executive director of Intercreate, which specialises in projects combining art, science, technology and cultural bridging, hopes the website stories and information will overturn some of the misconceptions about pollution in the river.

Introducing the website at the launch, he praised the efforts of farmers who have invested heavily in riparian planting. One of these is Kent Road farmer and riparian planter with a strong appreciation of Māori spiritual values, Wayne Peters.

Peters, on the website, says of his relationship to the river; “When I look at it, I see peace, I see harmony, I see beauty and I see myself as one of the luckiest people in the world. Being here with my friends and family, the bush, the trees and the birds is an absolute privilege.

“Establishing stands of native bush on my farm has been a spiritual journey as much as a practical one. Riparian planting is so much more than protecting the river banks. It is about being a spiritual part of the land.”

Farmer Wayne Peters and Massey researcher Tom Phillips at the river



Sharing the Waiwhakaiho project team at the film launch



3D light projection at the river mouth by Kura Puke and Stu Foster.

Over the past three months, more than 50 Taranaki people have taken up the call to send in their own impressions, stories and images relating to the river to a [Facebook page](#) and in face-to-face interviews.

The Massey team hope more people across generations will continue contributing to the Facebook page.

Jock McQueenie, a community arts consultant on the team, says the Sharing the Waiwhakaiho project has enormous potential to help build what he calls the “creative economy”, through strengthening connections between the business, tourism, social services, education and the arts.

One example is digital artist Trudy Lane's *River Resonations* scheme, trialled at Tupare Gardens in the weekend. She constructed a geo-located 'black box' with audio recordings collected by the Massey team. Triggered by a location sensor, it allows the person holding it to learn more about the place they are seeing. McQueenie says her innovation could be adapted by businesses and tourism ventures as well as social services as a means of sharing knowledge.

At nightfall, following the film launch, spectators were treated to a stunning light projection near Te Rewa Rewa bridge at the river mouth. Using 3D animation techniques and an infrared lens, Massey College of Creative Arts digital artists Kura Puke and Stu Foster created dazzling visions of ancient tribal figures that whirled, dissolved and re-assembled in constant motion in tiny flecks of light above the river.

Part of their work with Ngati Tawhirikura and Te Matahiapo Indigenous Research Organisation, their display mesmerised onlookers and showed how technology can embrace nature, history, and visual magic.

Date: 10/02/2015

Type: University News

Categories: College of Creative Arts; College of Humanities & Social Sciences; Creative Arts; Environmental issues; Explore - Planning; Research - Resource dev and man; Uni News



Associate Professor Andy Martin

Long-term success for kids triathlon series

For the past 12 summers Associate Professor Andy Martin, from the School of Sport and Exercise, has organised the "I tri'd" the triathlon series in Palmerston North with a team of volunteers backed by more than 20 community sponsors.

The first event for this year, on Monday evening, attracted 620 kids, Dr Martin says. "It's just grown each year because we've tried adapt and make it better every year. The kids keep coming back and that's the key."

The success of the series was reported on last year by Television One News and Dr Martin also published a longitudinal study that followed the event's development.

The series has provided a training ground for some of New Zealand's best youth triathletes. Jaimie Leader, five times national schools triathlon champion, was at Monday's event to start the races. Her next event is in Auckland tomorrow, racing against New Zealand's best triathletes.

Dr Martin also competes alongside his three sons. Last weekend he was second overall and won gold in his age group for triathlon at the New Zealand Masters Games in Whanganui.

He also qualified recently for the World Triathlon Championship to be held in Chicago in September. So the next few months will be busy not only organising triathlons, but also training.

Dr Martin successfully links theory to practice in his teaching of sport facility and event management. Many of his students will be providing support as volunteers at upcoming events such as the interschools and Weetbix triathlons.

Date: 11/02/2015

Type: Internal Communication

Categories: Any



Bi-annual bat birthing helps Ebola persist

A bat-filled tree has been touted as the source of the on-going Ebola epidemic in Western Africa – now research from Massey University suggests that the twice yearly birthing of bats may also be responsible for maintaining the disease.

Previous research has linked bats to the spread of filoviruses, the group that includes the *Ebolavirus*, as they are able to carry, maintain and allow the disease to evolve without being affected themselves, before passing it on to humans. However not much is understood about how the virus persists in bat populations says epidemiologist Dr David Hayman.

In a paper published in the prestigious *Proceedings of the Royal Society B*, Dr Hayman combined existing data from field and experimental studies to mathematically model the infection of bats with filoviruses. He found that how often the bats gave birth each year was a key factor in how long the virus was maintained in the bat population. While one highly synchronized annual birthing did not allow the viruses to last, a more frequent bi-annual birthing could result in the viruses persisting. He says this longer persistence in bat populations with more frequent birthing was supported by field studies and may explain the periodic nature of human filovirus infection.

“The results of this study provide a useful framework not only for future study, but also for emerging infectious disease management,” Dr Hayman says. “If we’re to have any hope of understanding and preventing outbreaks in humans, we must first understand viral dynamics in wildlife populations.

Related article: https://www.massey.ac.nz/massey/about-massey/news/article.cfm?mnarticle_uuid=FD168091-B633-0F1F-30E1-A1918F5E2EEB

Paper reference: Hayman DTS. 2015 Biannual birth pulses allow filoviruses to persist in bat populations. *Proc. R. Soc. B* 20142591. <http://dx.doi.org/10.1098/rspb.2014.2591>

Date: 11/02/2015

Type: Research



Associate Professor and political commentator Grant Duncan

Three big political issues for 2015 start with 'H'

Three big political issues loom large this year – housing, housing and housing, says Massey University social scientist and political commentator Associate Professor Grant Duncan.

In his latest blog, much of which was discussed in a [NewstalkZB interview](#) yesterday morning, Dr Duncan says the Government's biggest challenge – and potential vulnerability – is the supply and affordability of housing, particularly in Auckland and Christchurch.

Dr Duncan says that questions around New Zealand's national identity and security will also be highly important political issues for the government this year. The Anzac centenary and the first flag-change referendum (in late 2015, to choose from three or four alternatives) will lead to reflection on national identity, he says.

While these represent Key's "legacy" moment, they also link to the vexed issue of New Zealand's possible involvement in joining the United States and Britain in fighting Islamic State (IS) in the Middle East.

And he says the real battle between Prime Minister John Key and Labour leader Andrew Little has yet to play out – making it another pivotal issue on the political horizon for 2015.

"Most Labourites are probably just relieved that, so far, Little hasn't stuffed anything up," Dr Duncan says.

Click here to read the full [blog](#).

Date: 11/02/2015

Type: Features

Categories: Auckland; College of Humanities & Social Sciences; Election/Politics; Feature; National; School

More accolades for paralympian

Massey University psychology student Mary Fisher was named Disabled Sportsperson of the Year at the annual Halberg Awards in Auckland last night.

Her successes in 2014 included a six-medal haul at the Pan-Pacific Championships in Pasadena and she ended the year ranked first in six long-course events and five short-course events.

The Bachelor of Arts student, who is majoring in psychology at Massey's Wellington campus, is categorised as being totally blind and swims in the S11 class. This requires her to wear blackened goggles and for someone to tap her as she approaches the swimming pool wall.

Her swimming commitments mean she is studying by distance this semester as she trains to qualify for a place at the World Championships in Glasgow in July.

The Halberg Awards, where she met event founder and Olympic gold medallist Sir Murray Halberg, was a rare opportunity for the 22 year old to rub shoulders with other sports stars.

"My award was really exciting and quite unexpected but really cool too. It was a chance to say thanks to all the people who got me there, including the people outside swimming," she says.

Bachelor of Business Studies graduate and Olympic rowing gold medallist Hamish Bond won the Supreme Halberg Award with teammate Eric Murray for continuing an unbeaten streak in competitive racing since 2009. The pair won their 19th race in succession at the World Rowing Championships in 2014.

Date: 12/02/2015

Type: Awards and Appointments

Categories: Olympics; School of Psychology; Wellington



Caption: Paralympian Mary Fisher, a multi-medal winner at the 2012 London Paralympics continued her form in 2014, which saw her named Disabled Sportsperson of the Year at the Halberg Awards.



Moresby Kainuku-Isaacs (left), Courtney Davies, Jashil Reddy, Isabella Loudon, Brad O'Callaghan, Courtney Wilding, Paula Farmer, Vanessa Robinson, Savjot Singh, Etanah Fuimaono-Lalau, Lydia Barrington, Emily Maynard, Monre de Bruin and Stella Loi.

Massey ambassadors ready to spread the word

This year's Massey University student ambassadors had their induction training this week.

The 23 ambassadors are in a revised role with new titles and fresh job descriptions. They will work with the student recruitment team during school visits, education expositions, campus open days, information evenings and other campus events such as experience days.

The group represents the diversity of Massey's three campuses and five colleges and includes a mix of undergraduate and postgraduate students as well as international and domestic students from a range of cultures.

In schools they will share their Massey stories, such as where they came from, why they chose Massey, first-year experiences, tips for overcoming obstacles and what they are studying.

The induction involved team-building and product knowledge sessions with talks from specialist academics on presentation and leadership.

Student recruitment advisers Rebekah Walker (Auckland), Samantha Aschebrock (Manawatū) and Meta Hill (Wellington) will manage the members of the teams on their respective campuses.

The Auckland team is Courtney Davis (BNatSci), Monre de Bruin (BBS), Paula Farmer (BSc), Moresby Kainuku-Isaacs (BEng Hons), Emily Maynard (BSW), Brad O'Callaghan (BFoodTech Hons) Jashil Reddy (BA) and Courtney Wilding (BBS).

Manawatū: Rebecca Barnett (BC), Amy Gardner (BEng Hons), Jessica Payne (BVSc), Anne-Marie Petty (BVSc), Vanessa Robinson (MSc), Savjot Singh (BEd (Tchg)/DipEdStuds), Alarna Stratton (BN), Nicole Watts (MTchgLn) and Alise Yates (BVSc).

Wellington: Lydia Barrington (BHlthSc), Etanah Fuimaono-Lalau (BDes Hons), Te Aniwa Hurihanganui (BC), Stella Loi (BDes Hons), Isabella Loudon (BFA Hons) and Britt McLeod (BDes Hons).

Ms Reddy said the two-day induction was "filled with information, laughs and a whole bunch of bonding with the wider team of ambassadors. We were encouraged to be ourselves and share our Massey story. We had an amazing time."

Ms Robinson was equally enthusiastic. "We had the opportunity to work with some of the university's key public speakers and leaders, allowing us to learn first-hand and develop our own skills. One key skill I took away from these sessions was how to center myself and focus when losing track in public speaking situations."

Date: 13/02/2015

Type: University News

Categories: Open day Auckland; Open day Palmerston North; Open day Wellington; Orientation; Palmerston North



Opinion: Public support could save Blackcaps from choking

By Dr Gary Hermansson

As momentum for the Cricket World Cup grows, the expectations of the nation have also been building, with media and popular speculation mounting about our prospects. With the mantle of World Champion within reach, managing their mental game in relation to these expectations will be the biggest challenge for our Blackcaps team.

When the importance of winning comes to dominate the mind-set we have a tendency to let self-doubt creep in. We too readily move our thinking from performing itself, into a fear of failing. The flow-on effects of such fear result in physical and mental tightness, with skill level, decision-making, and the ability to respond instinctively being severely undermined.

This is the challenge that all athletes face in such situations, but we as a nation tend to falter in the face of it. For us, being successful at sport is a long-standing and central aspect of our national identity. Our standing on the world stage takes on a significance beyond its reality. As national expectations (demands) grow, the consequences of succeeding/not succeeding become over-exaggerated and this makes the issue more pronounced.

Our sportspeople grow up with this imperative and we perpetuate it through what we say, do, and focus on. As a nation we are characteristically demanding of our sports people in terms of results and very critical when they do not produce as desired. As well, a well-ingrained national characteristic we seem to have is to strive to 'not let people down' and this also feeds into the struggle.

The challenge for the Blackcaps at this World Cup then is to go into and through the knockout stages with an ability to keep the importance of being World Champions in perspective. Rather than focusing attention on the future and onto the result, something that is actually outside of our control, the team needs to focus attention on those mental things that they can control – things like attitude, desire, presence, competitiveness, confidence, focus and, especially, enjoyment.

As a nation, we will help with their challenge if we also keep things in perspective, and focus our attention through the media and popular expressions on supporting and affirming their performance endeavours, rather than letting ourselves get dragged as we so often do into the 'winning is all that matters' mentality.

This being a home tournament for much of the competition is likely to help somewhat. It was the visible, sustained and positive home crowd support that helped the All Blacks prevail in the Rugby World Cup Final in 2011. Their mental struggle was very much evident in their Final's performance against France – you could say that we choked and won at the same time. But home crowd support helped the team fight to hold on desperately to their stoically earned one point advantage till the end.

The more we as a nation can embrace and demonstrably support our Blackcaps team, and the more the players as a unit can sustain attention on their efforts rather than the outcome, the more likely the current momentum will continue throughout the campaign.

Ironically, the more we do so the more likely it will be, when everything is done and dusted, the last ball is bowled, and the Cup is handed over, that we as a nation can then feel free to identify with, and maybe even deservedly wallow, in their success.

Dr Gary Hermansson is Professor Emeritus at Massey University and a world-leading sports psychologist. He was recently made an Officer of the New Zealand Order of Merit for his services to the field of sports psychology.

Date: 14/02/2015

Type: Features

Categories: Home Page article; College of Health; School of Psychology; School of Sport, Exercise and Nutrition



An aerial view of the Auckland campus from the 1990s

Driving New Zealand's future success north

How does New Zealand want to succeed in the next 50 years, and who will be driving that success?

Massey University is leading the conversation with *Grow North*, a half-day symposium to be held on February 18 at the Auckland campus.

Participants from a range of businesses, community groups and will explore ways to make the most of New Zealand's fastest growing region, and the challenges faced in housing, transport, health and education.

Vice-Chancellor Steve Maharey says the time is right to take stock of how far the region has come since the Auckland campus was established at Albany 22 years ago.

“Back in the 1990s when I first visited Massey University's Auckland campus, there was one house. Nothing else – it was farmland as far as the eye could see. A generation later the University is surrounded by the fastest-growing population in New Zealand's fastest-growing city.

“We need to carry the conversation forward and look ahead to the next 50 years. We have the opportunity to create our own version of Silicon Valley right here on the North Shore, but rapid growth needs to sit alongside visionary planning. That's what *Grow North* is all about.”

Presented in partnership with Colliers International and BNZ, *Grow North* will feature a panel discussion on the challenges and opportunities faced by the exceptional growth on the North Shore. The panel includes Auckland deputy mayor Penny Hulse, Colliers International national director research and consultancy Alan McMahon, NZIER principal economist Shamubeel Eaqub, KPMG executive chairman Ross Buckley, Ngāti Whātua o Orākei Whai Rawa chief operating officer Kate Healy, and Labour MP and housing spokesperson Phil Twyford.

This session will be live-streamed, and available on demand [here](#).

After the panel discussion, four separate concurrent discussions will take place regarding trade and future workforce; transport and infrastructure; health and wellness; and innovation/technology.

For more information on the *Grow North* symposium and the programme of speakers, visit the [website](#).

Date: 15/02/2015

Type: Features

Categories: Home Page article; AKE Hub; Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Explore - Planning; Feature; Uni News

Thai business leader to receive honorary doctorate

One of Thailand's most successful business leaders, Dhanin Chearavanont, is to be recognised by Massey University with an honorary science doctoral degree for services to international business and philanthropic activities.

Mr Chearavanont, 75, is chairman and chief executive officer of the Charoen Pokphand Group (known as C.P. Group), a conglomerate with core businesses in agrifood, retail (7-Eleven and Makro) and telecommunications that employ more than 300,000 people worldwide, with total revenues of more than \$US 41 billion.

He will be visiting New Zealand next month and will receive a Doctor of Science (honoris causa) at a special ceremony at the university's Manawatū campus on March 4.

Mr Chearavanont's father founded the family seed business in 1921 and it has grown into the C.P. Group of today, with investments in 17 countries, including China, India, Russia and Turkey, and offices in 14 other countries including the United States, Britain, France, Germany and Italy. C.P. Group was the first foreign investor in China after the economy was reopened to outside investment in late 1970s. In 2007, it founded Thailand's first and only work-based learning higher education institute, the Panyapiwat Institute of Management.



Dhanin Chearavanont

Mr Chearavanont was the first person to implement the poultry integration business in Thailand and South East Asia and is credited for introducing modern agricultural development to emerging economies. He has been acknowledged by Forbes as one of the world's billionaire philanthropists for several years running and was chosen by Forbes Asia as Businessman of The Year in 2011. He is the founding and current president of the China Association of Overseas Chinese Entrepreneurs, an official business organisation established by the State Council of the Chinese government.

Mr Chearavanont advocates as the C.P. Group's guiding principle the "Three-Benefit Principle" that reflects the leveraging of benefits to all stakeholders in a sustainable business enterprise, namely benefit to the country, the people and the company.

He is married to Khunying Tawee Chearavanont and they have five children.

Date: 16/02/2015

Type: Awards and Appointments

Categories: Graduation



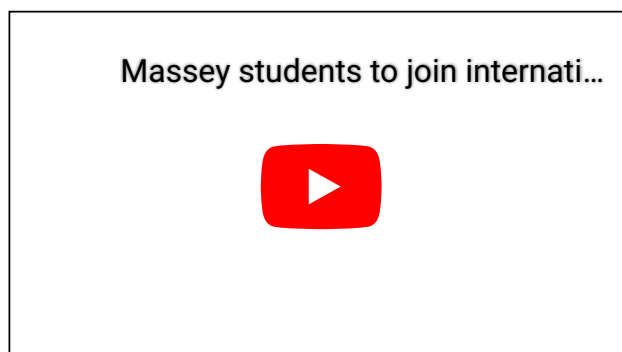
Bachelor of Natural Sciences student Ezra Mautner checking samples for bacteriophages.

NZ students join prestigious international genome project

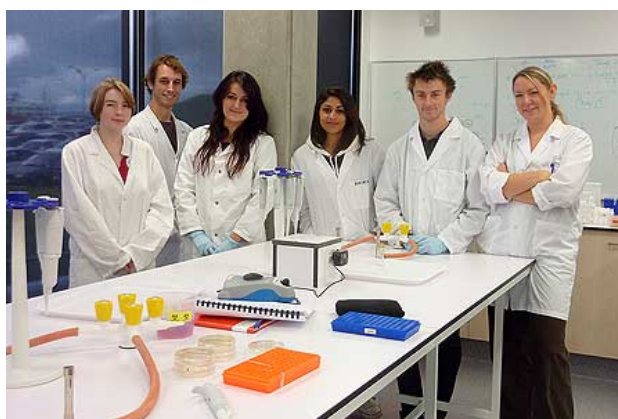
Undergraduate students at Massey University are being given the opportunity to contribute to an international genome sequencing project – one that could eventually remedy the problem of antibiotic resistance.

Massey students will be the first international collaborators on this prestigious project, which is run by the Science Education Alliance (SEA) out of the Howard Hughes Medical Institute (HHMI) in Maryland, USA.

The Phage Hunters Advancing Genomics and Evolutionary Science (PHAGES) program focuses on finding new bacteriophages – a form of virus that target and destroy only specific strains of bacteria. Because of their specificity, they



Watch a video of Dr Hendrickson

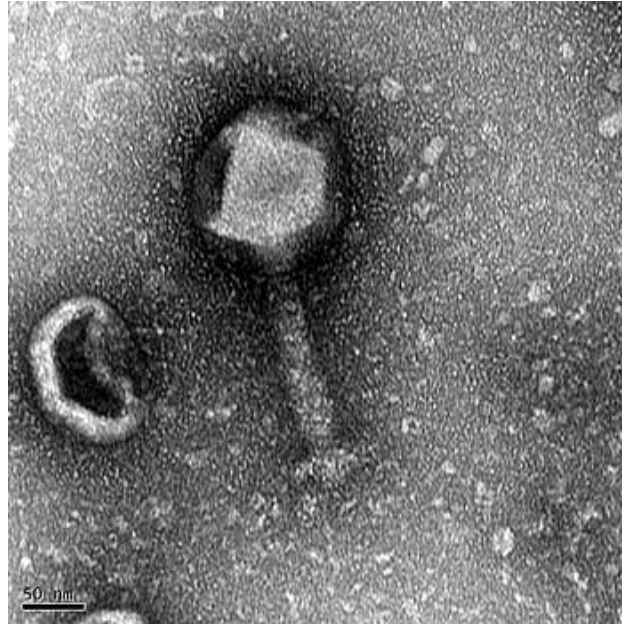


have the potential to be used as an alternative to antibiotics as they do not affect the body's own supply of helpful bacteria.

Dr Heather Hendrickson (right) with some of her phage hunters: Tara Dalefield (left), Jacob Lawes, Jess Fitch, Kirtana Kumar, Eli Christian.

Students will be isolating, naming and sequencing a newly discovered bacteriophage to reveal its genetic makeup, all while also learning the skills needed to work in the field of microbiology. Along with more standard assignments, the class will also participate in blogging about their experiences in the [Phage Hunt NZ Blog](#) which will allow them to practice their science communication skills.

At the end of the paper the top student will have the opportunity to travel to the United States to present the classes findings at the PHAGES symposium alongside other students from around the United States.



A bacteriophage named 'Fabio' under a Transmission Electron Microscope.

Dr Heather Hendrickson, a senior lecturer in molecular biosciences, is leading the program and says this is an invaluable experience for students, which sets them up to make some exciting discoveries in the future.

“Discovery and study of new bacteriophages in this program will give students an opportunity to learn about how bacteriophages, like the ones they are discovering, can contribute to medicine and health in the future. In a world where DNA sequencing is getting cheaper, the program also provides students with practical skills they can use.”

“This is an exciting beginning and we are thrilled to be welcomed into this dynamic program.”

The HHMI SEA PHAGES program is being incorporated into the Bachelors of Natural Science at Massey at Albany. Students from other programs are more than welcome to join the paper. The Phage Hunt will be taught as a Bachelor of Natural Sciences special topic course this year as paper 246.301. Students interested in enrolling for the paper should contact Heather Hendrickson directly.

Date: 16/02/2015

Type: Research

Categories: Home Page article; College of Sciences; Video Multimedia



Fonterra's Milk for Schools initiative supplies 70 per cent of New Zealand schools with low-fat milk each day.

Opinion: Milk for Schools – great programme, wrong product

By Dr Andrew Dickson and Dr Mikki Williden.

Kids all over the country returned to school last week – some arrived with lunchboxes full of healthy food; others did not. Fortunately, more than 70 per cent of primary school children will be given a small box of milk each day, courtesy of farmers via the cooperative Fonterra.

We celebrate the Milk for Schools initiative. It's good for the image of the cooperative, it's good for kids to consume our national product and it's good for schools to provide free nutrients to all kids, particularly those most in need. The problem is these kids – 170,000 of them each day – are consuming 'lite' milk that has reduced dairy fat.

Fonterra explains this decision: "The New Zealand Dietary Guidelines from the Ministry of Health advise that from the age of two years low-fat dairy products are best for children."

But are the Ministry guidelines right? If you look at the Ministry's background paper 'Food and Nutrition Guidelines for Healthy Children and Young People (Aged 2-18 years)', the recommendation for low-fat milk is based on its lower saturated fat content and its often higher protein and calcium content.

This is despite the fact that numerous randomised, controlled trials have called into question the long-held notion that saturated fat causes cardiovascular problems (most showing, at worst, a neutral effect on health risk).



Dr Andrew Dickson.

In fact, dairy fat has been found to be beneficial – not detrimental – to an individual's health. Population studies have found a reduced risk of obesity, reduced risk of coronary events and colorectal cancer and improved metabolic health for those who consume full-fat dairy products compared to those who avoid them. In kids there is no link between full-fat milk and obesity; in fact, it is skim and one per cent milk that is associated with weight gain.

Interestingly, the research showed the positive association between dairy fat and health is much stronger in European countries than it is in the United States, perhaps due to the sources of dairy in the diet. A large proportion of the dairy fat consumed in the United States is in the form of more processed foods, such as ice cream and pizza. Europe retains a stronger tradition of consuming full-fat traditional dairy products like plain cheeses, plain butter, and unsweetened yoghurt.

Another difference is the quality of the dairy fat present in the foods. Typical dairy farming in the United States is highly industrialised, with a focus on maximising yield per dairy cow. Among other things, cows are treated with growth hormones and are not as likely to be grass fed, relying instead on corn and soybean-based feed concentrates. Thankfully, in New Zealand, our cows are almost always grass fed.



Dr Mikki Williden.

So what makes full-fat dairy beneficial? For one, the increased fat in the dairy products will naturally be more satisfying – potentially helping with regulating food intake more than skim or trim milk options. Science is also pointing to the fatty acid composition. Dairy fat is a rich source of butyric acid, a short-chain fatty acid that is extremely beneficial for our immune system.

The best benefit, though, of providing milk in schools is improving the nutrition status of those most in need – and what these kids need most is calories from nutrient dense foods. A closer inspection of the nutrient breakdown of blue and light blue milk shows that light blue milk, contrary to popular belief, has no nutritional advantages.

Calcium and protein – the two main selling points of 'lite' milks – are exactly the same for blue and light blue milk. Meanwhile, around 10 per cent of two to 13-year-old New Zealand children are deficient in preformed vitamin A (retinol), which is crucial for immune function, neural function and bone development. Those most likely to be deficient are Pasifika children and those from low-income families.

A 200ml carton of blue milk contributes 20 per cent of the daily requirement for preformed vitamin A for children aged four to eight years. The 'lite' equivalent doesn't contain enough to warrant mention on the nutrition information panel.

Besides these nutritional arguments is the social cost of marketing 'lite' milk to 170,000 children each day. The message these kids take away is the same anti-fat message that has not served our population well over the past three decades.

Fonterra's Milk for Schools programme is a great initiative, but it would be even better if it acknowledged the beneficial nutritional composition of full-fat milk. We should celebrate our nutritious national product in all its glory – and reject the Ministry of Health's guidelines in favour of common sense.

Dr Andrew Dickson is a lecturer with Massey University's School of Management – follow him on Twitter at @AndrewDickson13. Dr Mikki Williden is a senior lecturer and registered nutritionist at AUT's School of Sport and Recreation – visit mikkiwilliden.com

Date: 17/02/2015

Type: Features

Categories: College of Business



Distinguished Professor Paul Moughan

Moughan appointed to global food think tank

The world's leading science academy body has set up a four-person think tank to report on ways to reduce the number of chronically malnourished people and address the challenge posed by the planet's rapidly growing human population.

The Global Food and Nutrition Security Think Tank will be chaired by Professor Volker ter Muelen of Germany and includes Distinguished Professor Paul Moughan of the Riddet Institute, a Government-funded centre of research excellence hosted by Massey University in New Zealand.

The initiative will be funded by the International Academy Partnership (IAP), which is a global network of science academies. Professor Moughan will contribute in his capacity as a Fellow of the Royal Society of New Zealand. He will travel to Germany in June to contribute to the project. Professor Moughan says the number of people chronically malnourished in the world is currently around 800 million.

"In recent years, considerable inroads have been made on global malnutrition. The think tank will consider how science can aid agriculture and food production to continue to reduce chronic malnourishment."

"Alongside this, we know our planet's population will increase rapidly over the next 50 years. We not only need to reduce malnourishment, we also need to find ways to produce more foods so we can support the anticipated population growth, but this must be done sustainably."

Professor Moughan says he is humbled by the appointment. "The issues the think tank will consider, while daunting, are not insurmountable. We need science-based solutions to the challenges we face. I'm pleased to have been selected and I hope this initiative goes some way to improving the lives of those who currently don't have food or nutrition security."

Date: 17/02/2015

Type: Awards and Appointments



Ten years is a long time in banking

By Dr Claire Matthews

TSB Bank's new 10-year fixed rate home loan has captured the imagination of homebuyers, along with plenty of headlines, since it was launched last week. At 5.89 per cent per annum, it is certainly an attractive rate – well below the current 'standard' floating rate of 6.5 to 6.75 per cent.

But it would be a mistake to focus solely on how attractive that rate looks at this particular point in time.

What hasn't been widely discussed is the locking-in effect of a 10-year fixed rate on a home loan. TSB has made it clear that you can transfer the loan, and the fixed rate, to another property, so at least you can move house if you want to.

On the other hand, changing banks will not be so easy during the term of the fixed rate because the other thing TSB has made clear is that 'early repayment interest' may be incurred on the early repayment of the loan. On a 10-year fixed rate, that charge could be considerable, particularly in the early years of the loan.

TSB, like the other banks, wants to retain customers. There is a cost to finding new customers, assessing their loan applications and opening their accounts. Customers who remain with the bank will usually become more profitable as time goes by.

Consider, also, that when a customer repays a loan, the bank needs to find someone else to lend that money to. In the meantime the money is not generating any income for them. So, this new 10-year fixed rate enhances home loan customer retention for TSB – at the cost of flexibility for the customer.



Dr Claire Matthews.

Any customer who becomes unhappy with their relationship with TSB (and it does happen, despite their excellent customer service reputation) will have to maintain that relationship until the expiry of the 10-year fixed rate. Imagine how frustrating that could turn out to be.

Financial advisers generally recommend repaying your home loan as quickly as possible because the quicker you do so, the less interest you pay. A long fixed-rate term works against this by restricting how much you can repay. While some additional repayments are possible with TSB's 10-year fixed rate product, early repayment interest will be incurred on payments in excess of the annual limits.

Ten years is a very long time when it comes to crystal ball gazing. While I agree that 5.89 per cent looks like an attractive interest rate in the current environment, there is no guarantee that it will continue to do so in the coming years.

At present, there is an expectation that the OCR will remain at its current level for an extended period before starting to rise. But in its latest Economic Overview, Westpac suggests there is a possibility of the Reserve Bank cutting the OCR during 2015. If that happens, how attractive will that 10-year rate look?

Some commentators have compared TSB's new product to the 30-year fixed rate loans available in the United States and other countries. However, in these countries there is no equivalent to the early repayment interest being charged by TSB, which means customers can simply repay their loan at any time. That has significant implications for banks in terms of financial management, which is why we are unlikely to see the same sort of products offered in New Zealand.

For some customers, this new rate from TSB will be just what they want. But it is important they understand exactly what they are committing to when they sign on the dotted line. We only have to look back to the late 1980s, when five-year fixed-rate terms were in their infancy, to see how it can all go wrong.

Back then, interest rates were around 15 per cent and many National Bank customers locked in what looked like attractive rates for five years. When the Reserve Bank's efforts against inflation led interest rates to fall dramatically, there were plenty of customers who complained loudly and bitterly when they were faced with steep early repayment fees.

Dr Claire Matthews is a banking and financial planning expert from Massey University's Business School.

Date: 17/02/2015

Type: Features

Categories: College of Business; Fin-Ed; School of Economics and Finance



New students on the Concourse at the Manawatū campus

O' Week in full swing at all Massey campuses

From all over New Zealand and the world, Massey University's newest students revelled in the sunshine at Orientation Week today at all campuses.

An Amazing Race, outdoor movie, live bands, outdoor market, campus tours and a Guinness World Record attempt on a waterslide are on the agenda of activities at the Manawatū campus.

New students and their parents were formally welcomed at a ceremony by Rangitane leader Wiremu Te Awe Awe, the Palmerston North city mayory Grant Smith and Massey Business School Deputy Pro Vice-Chancellor Professor Malcolm Wright.

"Beginnings are a time of grace – a time of curiosity and possibility," Professor Wright told the newcomers. He invited them to join Massey's legacy of being entrepreneurial, creative and innovative, adding that the university also valued the diverse, rich experiences of students from all over the world.

Mr Smith said Massey students contributed in very positive way "to a vibrant, safe and friendly city".

At the Wellington campus more than 500 students seated outside the rear courtyard in warm sunshine were welcomed with a powhiri. Campus registrar Deanna Riach welcomed them on behalf of all the assembled staff and student association president Tom Pringle also spoke.

This year Massey's Auckland campus welcomed its first cohort of students into brand new halls of residence. The new accommodation village continues to build on Massey's investment at the Auckland campus, with the recent construction of new science laboratories, a central student amenities hub, and the expanded library.

At Manawatuū, science master's student Kabuni Thomas, from Tanzania, said he appreciated the friendly atmosphere, was impressed with Massey's ranking in agricultural science research and teaching, and aims to study assisted animal reproductive techniques so he can help farmers in Tanzania to improve production.

Anika Stephenson, from Motueka, and Shivaughn Jennens, from Blenheim, said they felt Massey was an excellent choice for studying nursing and business, respectively.

All students are invited to take part in this year's Orientation Week world record challenge to get as many people down a water slide as possible in an hour. The event will take place at the Lido Aquatic Centre this Friday between 1.30pm and 2.30pm. Participants are asked to arrive by 1pm for a briefing.

Student Life Co-ordinator Kirsty Greenwell says the current record is 289, set at the Sandcastle Waterpark in Blackpool, England, last year. She hopes about 500 students will join Massey's attempt at the Lido in Park Rd, Palmerston North. Free buses will be provided from campus.

Date: 18/02/2015

Type: University News

Categories: International; Music and campus life; Orientation; Palmerston North; Uni News



Oil off a duck's back

When an oil spill occurs, response teams need to act quickly to save the affected wildlife – but lack of available freshwater can make this task difficult.

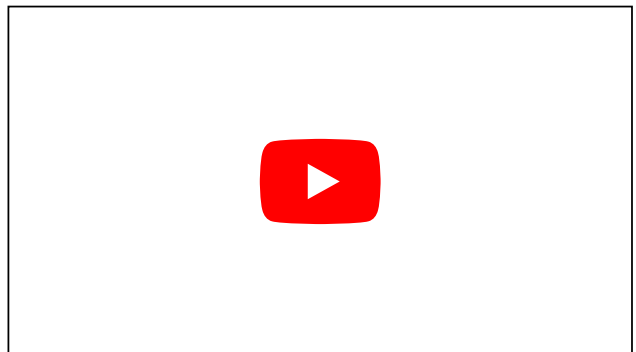
Now, researchers from Massey University's Oiled Wildlife Response Team are conducting tests to see how saltwater could be used to clean affected wildlife after an oil spill.

From this research they may be able to develop a system where they draw water straight from the ocean to be used in an emergency wash facility.

Date: 18/02/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues; School of Veterinary Science; Video Multimedia; Wildbase Oil Response





Caption: Dr Catherine Strong

Vigilance urged over media freedom rankings

New Zealand has increased its international ranking for media freedom, but Massey University journalism lecturer Dr Catherine Strong says that is partly due to other countries clamping down on their media outlets.

The annual ranking by international journalists organisation Reporters Without Borders showed New Zealand improved its listing two places to be ranked sixth of 180 countries monitored to measure whether governments allow media to work independently.

It is the best ranking New Zealand has received since the index began 13 years ago, Dr Strong from the School of Communication, Journalism and Marketing, says.

The rankings were completed before the fatal Paris terror attacks on the offices of French satirical magazine *Charlie Hebdo* and the weekend attack at a freedom of speech debate in Copenhagen.

Denmark is placed third in the rankings behind only Finland and Norway, though Dr Strong says the challenge will be for such countries to maintain their levels of press freedom in the wake of such violent intimidation.

Another tactic gaining currency among groups like Islamic State is the use of free media to publicise terrorist atrocities like hostage beheadings, she says.

“Also of increasing concern is the dangerous position bloggers and social media users are in with more countries trying to control these outlets. Already this year there have been 178 social media users imprisoned because of their tweets or postings. One brave blogger in Saudi Arabia, Raif Badawi, is facing 1000 lashes and ten years in jail for his discussion website.”

Up to 120 surveyed countries experienced deteriorating media freedom last year.

But Dr Strong was impressed by the showing of Tonga up 19 places and now ranked 44th for press freedom after holding its first democratic elections in 2010 and seeing the development of an independent press. She also noted Fiji's placing of 93, a long way down the rankings still, but with the potential for progress after democratic elections last year.

New Zealand remained vigilant in its maintenance of media freedom, she says “ and it is obvious from watching activities around the globe that media freedom has to be actively protected.”

“Our ombudsmen and journalists, even journalism students, are keeping a watch on activities to ensure there remain high levels of open government and free media.”

Date: 18/02/2015

Type: Features

Categories: College of Business; Feature; Wellington



Dr Heather Heron-Speirs

Keep calm and carry on – men talk cancer

Downplay it. Joke about it. Block it out and keep going. These are common reactions of Kiwi men diagnosed with cancer, says a Massey University psychology researcher.

Dr Heather Heron-Speirs' PhD study reveals gaps in the way the health system caters for men's emotional needs. She interviewed men with cancer to find out how they coped emotionally with diagnosis and the impact of treatment on their sex lives, their ability to work, play sport and to fulfill family expectations.

In her doctoral thesis, titled *Understanding the cancer-related distress and coping of men from provincial New Zealand: 'Bullet proof' meets radical prostatectomy*, she reveals how traditional masculine norms – strong, silent, invulnerable – are a barrier to men seeking information they need to fully understand the disease and treatment impacts.

Her study has sparked interest among medical and support staff who concur with her findings that diagnostic and treatment services need an overhaul so they are better placed to help men “feel more in control, through better understanding of what is happening.”

Men with cancer, she found, cope by being active and practical, and avoiding self-pity. But they typically find it harder to acknowledge and express feelings and fears about cancer and its implications, which can include dying.

“There is,” she says, “an inherent clash between being ill and being a man.”

She interviewed 27 men, including six Māori, from regions with lower socio-economic statistics. Sharing her own experience of cancer diagnosis and treatment helped create a rapport of trust and openness, she says.

Compared with women, men are less likely to seek counselling from psycho-social services even if they are distressed about their diagnosis and the changes it will bring to their relationships, work and identity.

“Men and women experience cancer differently. More men than women get cancer, more men than women die from cancer, and men usually adapt less well than women after a cancer diagnosis,” she says.

Her research offers new insights on a topical issue that is part of a wave of increasing awareness of men's health needs. Along with a raft of researchers and health professionals, Dr Heron-Speirs recently contributed to a Central Cancer Network (a national network encompassing seven district health boards and numerous health providers and agencies) review of psycho-social service delivery for cancer patients.

She says user-friendly information needs to replace medical jargon in brochures, hospital noticeboards, signs and websites, as well as in conversations between clinician and patient. Even the terms 'oncology' and 'palliative' can be mystifying or misunderstood to the lay person with little previous experience of cancer, she says.

In a presentation she gives to cancer clinicians, she suggests easy-to-grasp analogies, for example, comparing treating cancer to eliminating gorse. “You grub it out (surgery), burn it out (radiotherapy) or poison it (chemotherapy).

Another male tactic for coping with a cancer diagnosis is to minimise the reality through understatement, humour or colloquial cliché. “For example, one participant was diagnosed with diabetes, stroke and cancer together, and joked, “That weren't [sic] my best Christmas!”, while another described the difficulties of arranging life-saving bone marrow donation as; ‘a bit of a worry’.

She found that men who identified strongly with traditional gender roles were often emotionally isolated – even when they had a strongly supportive wife and family. “They felt it would be wrong to burden their loved ones with distressing information.”

Compared with the Pakeha men, Māori had both disadvantages and advantages when facing cancer. Although disadvantaged by illiteracy, poverty, and a higher mortality rate, they had more flexibility in valued whanau roles as they got older – such as being mentors to the young – and more social and spiritual support.

A hierarchical medical system also alienates men, she says. Some tend to revere medical professionals and are reluctant to ask questions, either through fear of seeming ignorant, or through embarrassment at talking about sensitive subjects such as cancer-related sexual dysfunction.

She says research has shown that distress in men is difficult to measure because men forget or under-report symptoms. And though notions of masculinity are less rigid in younger generations, there's a persistent sense of shame about displays of “emotional weakness” by men in a society that socialises boys to 'be tough' and suppress negative emotion.

Last year Dr Heron-Speirs was awarded the New Zealand Psychological Society's GV Goddard Award for Early Career Achievements in Applied Psychology, for three international papers she published describing her meta-analysis of the effectiveness of psycho-oncology.

She received funding for her research from Movember (which supports awareness campaigns for men's mental health, and prostate and testicular cancer), and the Cancer Society of New Zealand, which is also supporting her next project investigating the distress associated with erectile dysfunction suffered by men with prostate cancer.

Date: 18/02/2015

Type: Research

Categories: College of Humanities & Social Sciences; Explore - HEALTH; Feature; Research; School of Psychology; Uni News



Multiple honours for Engineering Associate Professor

School of Engineering and Advanced Technology programme director Associate Professor Jane Goodyer has been invited to be a part of a prestigious humanitarian engineering initiative.

Dr Goodyer will be part of a University Twinning and Networking Programme of the United Nations Educational, Scientific and Cultural Organisation (Unesco).

Massey University is one of four universities leading the programme, which helps communities get access to engineering solutions for everyday problems. This can range from making high tech breathing apparatus affordable to disadvantaged communities through clever product design, to building water sanitation facilities, to creating mobility vehicles for the disabled – any problem where an engineering solution may be useful and benefit a community.

The invitation comes just after her election as a Fellow of the British-based Institution of Engineering and Technology, which has 160,000 members in 127 countries. She is one of just 158 women out of 9000 fellows of the institution and was recognised for her innovation and leadership in engineering curriculum development and her influence and contribution to supporting manufacturers to improve productivity.



Dr Jane Goodyer

“For me, I love teaching and helping others and this really drives me,” Dr Goodyer says “so I feel so honoured to have my efforts recognised by becoming a Fellow and a network member of such prestigious institutions. Also having our students acknowledged for their excellent engineering in improving the living conditions of disadvantaged people.”

Dr Goodyer says she is a keen supporter of one of the institution's key drivers – to build the profession's profile and change outdated perceptions to tackle the skills gap –this includes encouraging more women to become engineers, an issue close to her heart.

"I want to pass the passion I have for the field on to others – young women in particular," she says. "You can show young people that they can have a really interesting career, where you can earn a good salary and can improve the circumstances of many people around the world."

Date: 19/02/2015

Type: Awards and Appointments

Categories: College of Sciences; Explore - Engineering



First-year Bachelor of Sport and Exercise student Tomairangi Hipango, from Ratana, helps smash the waterslide world record at the Lido Aquatic Centre in Palmerston North during Orientation Week

Massey students splash into record book

Massey University first-year students slid into the Guinness Book of World Records on Friday by getting the most people down a water slide in one hour.

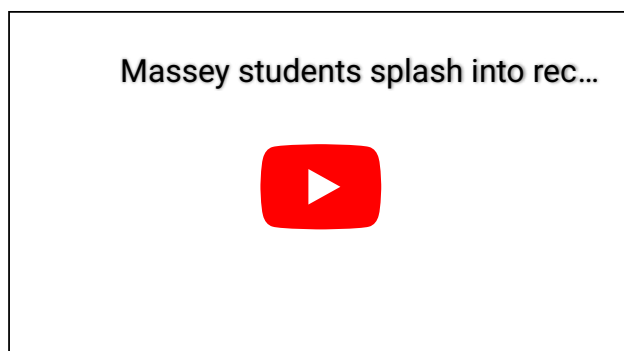
The record was smashed when 306 students went down the 24m hydro slide, one by one, at Palmerston North's Lido Aquatic Centre – beating the previous record of 289 set at the Sandcastle Waterpark in Blackpool, Britain.

Coordinating the volume of students down the slide in quick succession was no easy feat, however, with the slide riders rocketing down at 60km/h.

Student Life co-ordinator Kirsty Greenwell was not only the event organiser, but also a participant. She says these kinds of events are what Orientation Week is all about."

"It's a fun atmosphere and a really positive start to the year," she says.

Breaking world records is becoming a tradition at Massey's Manawatū campus Orientation Week, with 628 students competing in an



A slippery slope to a world record for a new Massey student 97

apple-bobbing competition last year and beating the then-current record.

Officials were on hand at both events and Justices of the Peace submitted the official documentation to the Guinness record book authorities.

The speed slide is part of a \$2.3 million dollar addition to the Lido Aquatic Centre, which also includes another Superbowl slide and AquaPlay area.

The 306 students add to the over 10, 000 people who have ridden the slides since their opening in December last year.



Waterslide world record victory for Massey students

[Watch the ONE News item here.](#)

Date: 20/02/2015

Type: University News

Categories: Home Page article; Music and campus life; Orientation; Palmerston North; Sport and recreation; Uni News; Video Multimedia



From L-R: Head of the School of Communication, Journalism and Marketing Professor Shiv Ganesh, Massey Business School director of Teaching and Learning Dr Terry Macpherson, Richard Buchanan Teaching Excellence Award winner Dr Sandy Bulmer and Massey Business School dean Professor Ted Zorn.

From laboratory to lecture hall success

A former food technologist who escaped the lab to “work with people” has been recognised for her engaging teaching techniques as the 2015 winner of the Richard Buchanan Teaching Excellence Award.

Dr Sandy Bulmer, from the School of Communication, Journalism and Marketing, is only the second lecturer from Massey University's Albany campus to receive the award. She won for a teaching portfolio that highlighted “a student-centred focus to teaching and learning”.

“You have a genuine interest in ensuring learning is actually taking place and this extends to catering your learning strategies to assist students with English as a second language,” the judging panel said. They were also impressed with the teaching techniques and technologies Dr Bulmer used in her classes.

While she has been a marketing lecturer at Massey University's Auckland campus for 18 years, Dr Bulmer's relationship with the university began as food technology student. But once she was out in the workplace, she realised she wasn't cut out for the quiet life of working in a laboratory.

“I'm a people person who likes communication so after 18 months I went to see the boss and said, “I don't know what to do, I've made a big mistake really.’ And they asked if I'd like to be a marketing trainee for them instead.”

After working as a trainee, Dr Bulmer moved on to become a brand manager at Nestle. It was only after having children and seeking more work-life balance that she began tutoring at Massey on a casual basis. She found she liked academia and completed a master's degree, and then PhD, in marketing.

A music lover who performs in a choir, Dr Bulmer says she enjoys the “performance” aspects of lecturing.

“Teaching really has an element of performance about it, you feed off your audience and that's something that I never imagined would happen until I stood in a lecture theatre in front of a large class. You can see that they are engaged and following you, and not just checking their Facebook status.”

Dr Bulmer says she “doesn't like blank faces – I want students to be as engaged and interested in marketing as I am”.

She kicks each lecture off with a well-chosen pop song. Last semester she used Talking Heads' 'Road to Nowhere' for a session on strategy and Dave Dobbyn's 'Loyal' for her lecture on consumer behaviour.

“It engages them the moment they come into class and then we use the song to discuss the topic of the lecture. Students really love it and they start suggesting songs of their own for lectures that are often weeks away.”

Another of Dr Bulmer's favourite teaching methods is using real-world examples.

“I draw on my own practitioner experience but also what's happening in the news. For advertising lectures I use campaigns that are currently in the market that students will have seen,” Dr Bulmer says.

“Text books always have examples of concepts but I want up-to-date examples that students will be familiar with. For example when I talk about the difference between products and brands, I'll discuss something like the Apple Watch.”

The award judging panel acknowledged Dr Bulmer's support for international students who are often shy because of a perceived lack of English language skills.

“I really try to engage my Asian students by setting up smaller discussion groups and encouraging them to think about examples from their home country and giving them credit for their international knowledge and experiences.”

Dr Bulmer says her proudest teaching moments come when graduates let her know they have nailed a great job.

“When students come back after getting a job in marketing and thank me for helping to get them well-prepared for work, it is hugely satisfying.”

The Richard Buchanan Teaching Excellence Award is in remembrance of Professor Richard Buchanan, a long-serving and popular Massey Business School faculty member who died suddenly in 2008.

Date: 20/02/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business



Challenging urban myths about the value of the Bachelor of Arts

Opinion: The truth about the BA – challenging urban myths

by Richard Shaw and Paul Spoonley

Choosing a degree with a name that sounds like a job is an outdated way of thinking.

The new reality for most young people is not a single career but as many as seven or eight different jobs over the next 40 or 50 years. Many of these jobs do not yet exist, but they are likely to demand excellent inter-personal skills, and the ability to meet new challenges and master new information quickly and efficiently.

The employees of the future will need to be able to size up situations rapidly, look at things from a fresh angle, and suggest new options. They will have to be creative thinkers, smart communicators, and able to understand and engage with people from other cultures. What they will need, in short, is a Bachelor of Arts (BA).

But for some of the students out in force stocking up on instant noodles in the nation's supermarkets this week, the old notion that you should choose a degree with a name that sounds like a job will have influenced what they are studying.

After all, we all know that a BA is pretty useless at getting you a job, and that as a result enrolments in BAs are in decline as students seek out degrees offering better occupational prospects. Don't we?

In fact, both of those assumptions are wrong. For a start, there is increasing evidence – both within New Zealand and internationally – that a BA is the perfect degree for a world that is rapidly changing. These days, employers are looking for problem-solving skills, the capacity to think independently and an ability to research and make sense of complex issues. These "soft", or transferable, skills are not only critical to a modern, open economy – they are at the heart of the BA.

Clearly, the completion of a degree should not be reduced solely to employment outcomes. In fact, the benefits of a tertiary education were beautifully captured by one of our graduates who told us that her BA had given her "the opportunity to walk into worlds I never would have dreamed of walking into prior to studying."

All the same, universities do have a critical role to play both in individuals' life chances and in the nation's broader wellbeing. On both fronts it is now clear that far from being worth "bugger all", the broad ranging BA is very much tailored to the needs of the labour market – now and in the future.

To stay abreast of seismic societal and technological changes and challenges of the 21st century, Massey's BA is evolving. New core topics will be vital in addressing critical notions of citizenship, both in New Zealand and globally – notions that underpin the ways we operate and succeed in educational, cultural, business, economic and political spheres in these turbulent, contemporary times.

Alvin Toffler once said that "the illiterates of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn." Today's students – and employers – know exactly what that means. As we head into the new university year the strong interest in Massey's BA is proof that students no longer believe the tired, creaky narrative about the value of an Arts qualification. Instead, they're coming to us to learn how to learn, unlearn and relearn.

Associate Professor Richard Shaw is Massey University's Director BA (External Connections), and Distinguished Professor Paul Spoonley is the Pro Vice-Chancellor of the College of Humanities and Social Sciences.

Date: 20/02/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Feature; Opinion Piece; School of Humanities; School of Psychology



Sasha Huber, 2008 *Rentyhorn*

Artist sets sights on New Zealand glacier

The visit of an international artist will draw attention to the name of a little-known South Island glacier.

Visual artist Sasha Huber has been awarded the prestigious Wellington international art residency. She will spend the next six months in New Zealand.

Ms Huber, who is of Swiss-Haitian heritage, is known for her contribution to the long-term project “Demounting Louis Agassiz”. The project is named after the prominent nineteenth century naturalist and glaciologist Louis Agassiz (1807-1873), who was also a proponent of scientific racism. In the case of the “Agassishorn” in Switzerland, Huber campaigned for the peak to be renamed as [Rentyhorn](#), in tribute to Renty, an enslaved person from the Congo who was photographic subject for Agassiz. New Zealand is also home to two of these landmarks, the Agassiz Glacier and Agassiz Range on the west coast of the South Island.

The New Zealand landmarks were both named by early European geologist Sir Julius von Haast.

Sasha Huber's creative practice spans a variety of media, including video, photography, performance-based interventions, and publications. She also uses a compressed-air staple gun as a medium to create series of images. The series *Shooting Back – Reflections on Haitian Roots* criticised individuals whose actions and decisions contributed to the historical and social conditions in Haiti, such as Christopher Columbus, Francois “Papa Doc” Duvalier and Jean Claude “Baby Doc” Duvalier. More recently, her series *Shooting Stars* was dedicated to victims of gunshot assassinations perpetrated for political, ethnic, ideological or economic reasons.

While in New Zealand, Ms Huber will also continue a collaborative project with her husband Petri Saarikko exploring family-based knowledge of traditional folk remedies. The couple are based in Finland, where Mr Saarikko is director of Kallio Kunsttalle, a vibrant pocket of art in one of the most densely populated districts of Helsinki.

Sasha Huber has participated in numerous international exhibitions, including the 19th Biennale of Sydney in 2014, and has also been invited to artist residencies in Brazil, Sweden, Norway, Switzerland, and Australia. Ms Huber holds an MA from the University of Art and Design Helsinki, and is currently undertaking doctoral research on racism through the lens of art at the Department of Art at Aalto University, Helsinki.

Te Whare Hēra, the Wellington international artist residency programme, is a partnership between Wellington City Council and Whiti o Rehua – the School of Art at Massey University.

Date: 20/02/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Creative Arts; Wellington



Senior tutor in Life Sciences Dr Judy Thomas

Thomas first to win College of Health teaching award

The inaugural College of Health Teaching Excellence Award has been awarded to Dr Judy Thomas, a senior tutor in life sciences in the Institute of Food Science and Technology at the Auckland campus.

College teaching and learning director Dr Michelle Thunders says students frequently comment on Dr Thomas' infectious enthusiasm in the classroom. "Students can tell that she really cares," Dr Thunders says. "She makes her sessions fun and goes the extra mile for them."

Dr Thomas says she feels humbled to be singled out in a college with so many "fantastic" teachers. "I just feel lucky that I get to do a job every day that I am passionate about, with students that are inquisitive, eager to learn and who laugh at my jokes – most of the time."

Three other teaching staff were commended as shining role models:

- Associate Professor Andy Martin, School of Sport and Exercise, Manawatū
- Ying Jin, School of Food Science and Technology life sciences tutor, Manawatū
- Dan Wadsworth, School of Food and Nutrition life sciences senior tutor, Wellington.

Dr Thunders says each received a certificate of appreciation. "They have shown a great willingness to try new things in the classroom, constantly refreshing and renewing their teaching practice and demonstrating continued commitment to teaching excellence," she says. "They have also been widely praised by their students, a great marker of teaching excellence."

The awards were given out as part of the college's annual Teaching and Learning Day.

Date: 20/02/2015

Type: Awards and Appointments

Categories: Auckland; Awards and appointments; College of Health; Explore - HEALTH; National; School of Food and Nutrition; Teaching; Uni News



Hachiko and his master

Japanese classic film *Hachiko* to screen in March

The classic 1987 Japanese film *Hachiko monogatari*, shown on 16 mm film stock, will screen film at Massey University's Auckland campus on March 2.

The free films are brought to New Zealand with the kind permission of the Japan Foundation and the Consulate-General of Japan, and are shown in Japanese with English subtitles.

Auckland campus registrar Andrea Davies is delighted with the Japanese film screenings to date.

“We have had a fantastic response from members of the wider community who now feel welcome to come along to our Japanese film screenings. It's great to see so many people on campus, and with the new semester having just started, it's a fantastic way for our students and staff to enjoy our diverse campus life.”

Hachiko monogatari is based on the true story of a loyal golden Akita dog, Hachiko. The film covers his entire life from the early 1920s to the mid-1930s.

Adopted by Professor of Agriculture Hisesaburo Ueno as a puppy, Hachiko greets him at the end of each day at nearby Shibuya station. When his owner dies suddenly and fails to return home, Hachiko spends the next nine years returning to the station each day, at precisely the time the train was due.

The story of Hachiko has become well-known throughout Japan, and his legendary faithfulness became a national symbol of loyalty. A statue in his likeness was erected at Shibuya Station in Tokyo, and another in his hometown in front of Odate Station. The exact spot where Hachiko waited in the train station is permanently marked with bronze paw-prints and a plaque explaining the story of his loyalty.

In a slight departure from previous screenings, this film is presented on 16mm film stock, so there will be a couple of intervals when film reels are changed. Attendees are welcome to bring their own food and drink.

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15pm. No bookings are required to attend the films, which are held in the Atrium Round Room, on the

ground floor of the Atrium Building. The films will also be shown at the University of Waikato on March 12, and at the University of Auckland on March 26.

The next two films in the series will be stop-motion animation film *KOMANEKO – The Curious Cat*, and *KOMANEKO'S Christmas* screening on April 13, and comedy *Sumo Do, Sumo Don't* on May 4.

For more information on the film schedule, visit the [website](#).

Hachiko monogatari (1987)

Directed by Seikiro Koyama

Starring Tatsuya Nakadai, Kaoru Yachigusa, Mako Ishino and Masumi Harukawa.

Rating: PG

Running time: 107 minutes

Image ©1987 Shochiku Co., Ltd./Tokyu Agency Inc./Mitsui & Co., Ltd.

Date: 23/02/2015

Type: Features

Categories: Applied Learning; Auckland; College of Humanities & Social Sciences; Creative Arts; Exhibition/Show; Feature; International; School of Humanities



Red Cross nurse Andrew Cameron

Celebrating Massey University alumni

A nurse, a dairy industry stalwart, a food technologist and a social worker will be named as Massey University's 2015 Distinguished Alumni at an awards dinner in Auckland next month.

The Defining Excellence Awards celebrate graduates who have made outstanding contributions to their professions, their communities, the nation, and Massey University. The awards take place at a black-tie gala dinner at the Heritage Hotel on March 12, with cartoonist and writer Tom Scott as the master of ceremonies.

Massey University Foundation and Alumni director Mitch Murdoch says the awards are a fantastic opportunity to celebrate with friends and family.

"These awards are such a special time for people to get together with their friends, colleagues and families to celebrate their success. We love hearing stories about our past students about their time at Massey and what they've gone on to do. Having alumnus Tom Scott as the master of ceremonies this year is just the icing on the cake of what will be a fantastic celebration of Massey success."

The Distinguished Service Award will be presented to nurse Andrew Cameron for his work in war-torn and regions of the world. Mr Cameron graduated from the University with an advanced diploma in nursing in 1984 and subsequently had to move to Australia to train to be a midwife. In 2011, Mr Cameron became the 25th New Zealand in a century to win the prestigious New Zealand Red Cross Florence Nightingale Medal. He has worked for the Red Cross since 2005, and has been sent to Kenya, Sudan, Afghanistan twice, Iraq, South Ossetia in Georgia, as well as serving remote populations in Australia. He was also awarded the Order of Australia in 2013.

This year's Distinguished Young Alumni Award is being presented to clinical social worker Jane Haste. Ms Haste has a Bachelor of Social Work (Hons), Master of Philosophy (Humanities and Social Sciences) and a postgraduate diploma in social services supervision from Massey University. A director of Blue Couch Consultancy, Ms Haste's work focuses on the treatment and promotion of mental health in women, youth and children, and the professional development of social and health service professionals.

Graduating from Massey with a Bachelor of Agricultural Science in Dairy Technology was the start of an illustrious career in food technology for the recipient of the Distinguished Alumni Achievement Award. Melbourne-based Dr Alex Buchanan went on to work for the Commonwealth Scientific and Industrial Research Organisation (CSIRO), creating the "Australian Milk Biscuit" and a range of high-protein biscuits for use in developing countries for infant feeding and disaster relief. As a Rotary Ambassadorial Scholarship winner, his efforts have also been extensively recognised. He was awarded the Order of Australia in 2009.

The Sir Geoffrey Peren Award will be presented to dairy industry stalwart Graeme Milne ONZM, who graduated with a Bachelor of Technology (Hons). The former New Zealand Dairy Group chief executive prior to the formation of Fonterra, Mr Milne's 30-year career includes a range of roles reflecting the evolution of the dairy industry. Currently the independent chairman of Synlait, Mr Milne is a farmer and a company director for a variety of sectors.

In addition to the Distinguished Alumni Awards, the annual teaching and research excellence awards will be presented to Massey University staff.

Proceeds from this year's ticket sales will go towards the restoration of the historic Refectory building on the Manawatū campus. Opened in 1931, the Refectory was the second building on site – the first being the dairy research building. Designed by architect Sir Roy Lippencott, the building is classified with the Historic Places Trust and currently stands empty, as it needs earthquake strengthening.

"The Refectory used to house the dining hall for students, and in its day, it was the most important social space on the campus," Ms Murdoch says. "We want to restore the building's original detailing and make it a space where meetings and celebrations can be held again."

For more details on the Defining Excellence Awards, and to purchase tickets, go to the [website](#).

Date: 23/02/2015

Type: Awards and Appointments

Categories: Home Page article; Alumni; Auckland; Awards and appointments; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Exhibition/Show; Explore - HEALTH; Feature; International; Massey Foundation; National; Palmerston North; Scholarships; School of Food and Nutrition; Uni News



Urban transport planning researcher Dr Imran Muhammad

Straightening out Auckland's bus services

Auckland's bus services could be improved if they operated on straight routes rather than driving through long, winding roads with ill-timed transfers to other services, says a Massey University urban planner.

Dr Imran Muhammad, a specialist in urban transport planning, says a more integrated bus network running on simple, straight lines is a viable, affordable short-term solution. He has outlined his ideas in recently published research assessing the effectiveness of the Northern Busway between Albany and the CBD.

In a city of more than 1.5 million and where 85 per cent of journeys to work are by car, the Northern Busway has been “very successful, with patronage levels continuously increasing from 0.3 million passengers in 2006 to 2.43 million passengers in mid-2014,” he says.

“Unlike the Northern Express, most other bus lines take indirect routes, meander around many local streets and travel long distances before reaching their destinations,” he says in the article, titled [Short-term public transport solutions in Auckland, New Zealand](#), published in the Case Studies on Transport Policy journal.

He says Auckland's public transport system needs:

- Redesigning to create a simple, straight line network, as on some bus lines in Auckland
- More high frequency corridors and pulse-timetabling (coordinated transfers) techniques for low frequency routes
- Designing public transport to facilitate planned transfers to and from feeder buses
- Fully developing integrated fares so that transferrable tickets can be used on all services

He says the Northern Busway should be extended to Silverdale and Orewa and the Northwest Busway project should be started as soon as possible.

The research by Dr Muhammad, from the Planning programme in the School of People, Environment and Planning, was part of wider discussions on solutions to worsening traffic congestion across the city at a recent Grow North symposium at the Albany campus in Auckland.

In another recent research report, he examines how transport problems in Auckland, Wellington and Christchurch have evolved, stressing the powerful role of “storylines” that have emerged over time to define and influence policy and planning in favour of roads.

Titled *Discursive Barriers to Sustainable Transport in New Zealand Cities*, and published in the Urban Policy and Research journal, Dr Muhammad says “ economic, mobility, safety, consumer, environmental and funding storylines have provided stability for the road development paradigm in these cities.”

His research shows that “consumer storylines advanced the roading agenda in all three cities by arguing public preference for car ownership and use, and Christchurch documents even refer to the public love affair with the car.”

“At the same time, consumer storylines cite low demand and negative perceptions of alternative transport. Public transport is seen to be only for disadvantaged populations.”

He says the creation of the Auckland Super City and the effect of the Christchurch earthquakes has encouraged the development of some alternative views in favour of sustainable transport.

But these are weak “in the face of embedded mind-sets and are sometimes considered negatively, as hurdles to prosperity and as a symbol of hyper environmentalism.”

He says changes will occur through urban transport policy being “continuously contested at political, academic and community levels.”

“There's a danger that these longstanding storylines become self-serving myths,” he says. “People believe in the idea of more and better roads as the only solution to traffic problems because that's the familiar line we hear. We need to think differently. We need to change the script if we want our main centres to be desirable, healthy – as well as prosperous – places to live.”

Date: 24/02/2015

Type: Research

Categories: Auckland; College of Humanities & Social Sciences; Explore - Planning; Research; Uni News



Maggie Barry and Maggie Rate plant a rimu together opposite the site of the hospital expansion.

Conservation Minister starts wildlife hospital expansion

Conservation Minister Maggie Barry today saluted the work being done by Massey University's Wildbase wildlife treatment centre and its Veterinary Teaching Hospital at a ground-breaking ceremony at Manawatū to mark the start of a \$1.44 million expansion of Wildbase.

Ms Barry was joined by major sponsors and supporters of Wildbase from throughout New Zealand, including Shell New Zealand chairman Rob Jager; Wildbase ambassadors Kent Deitemeyer, Lady Raewyn Henry, Craig Shepherd and Vicki and David Stewart; Palmerston North Mayor Grant Smith; and local Members of Parliament Ian McKelvie and Iain Lees-Galloway.



James Mackie (aged 5), Rob Jager, Maggie Rate and Maggie Barry break the ground on the site of the hospital expansion with Lady Raewyn Henry and Associate Professor Brett Gartrell.

Wildbase currently saves thousands of critically endangered native New Zealand animals each year in a space no bigger than a bedroom, with only one table for surgery and feeding. Construction will start shortly to complete a 2100 square metre expansion with 393 square metres of that being the new wildlife hospital. It is expected to be completed by April next year.



The occasion was marked initially with a visit to the hospital for Ms Barry and the other guests

Maggie Barry helps feed a yellow-eyed penguin in the current Wildbase facility.

who were then joined outside by 14 year-one to six children from Tiritea School. Ms Barry was delighted to find that her tree-planting partner, Maggie Rate, 6, not only shared her first name but is also in Rimu House, the species of tree they planted together opposite the site of the hospital expansion.

"It's not often a politician gets down and dirty outside of the chamber but I'm happy to say I did that and I've got dirt under my fingernails to prove it," she said.

Both Ms Barry and Mr Jager talked about the successes of Wildbase, Ms Barry describing it as "a microcosm of all the conservation efforts across New Zealand. The next steps are very exciting and they will build on the success of the past to develop a world-class wildlife treatment centre. Massey University's role in producing active young minds asking the right questions and hopefully finding the right answers is absolutely vital if we want to do what we need to do, which is to save our endangered species."

Mr Jager said Shell, like any business, scrutinises sponsorship proposals extremely closely. "It wasn't a difficult decision to say yes to sponsoring the hospital because of the quality of the team, but more importantly for us it's about the legacy that we lead," he said. "Wildbase leaves a fantastic legacy for our country."

Co-director of Wildbase Associate Professor Brett Gartrell said construction cannot start soon enough. "The expansion of the hospital will allow us to increase patient numbers and improve care. Without the care it provides, many of our unique patients would not survive for re-release back into their native habitat where they contribute to the survival of their species."

The main guests were also treated to a bird treatment demonstration from the Wildbase team – similar to the procedures used to treat the more than 240 native animals each year, half of them from critically-endangered species. Current patients include yellow-eyed penguins, a brown kiwi and a kaka.

The new hospital will incorporate design aspects from zoological and veterinary hospitals throughout the world.

The animals treated include predominantly birds, bats, reptiles and marine mammals.

Notable achievements of the Wildbase team include saving thousands of animals in the 2011 Rena oil spill, identifying lead poisoning in kea and rehabilitating a penguin with a water treadmill.

Although the hospital has reached the fundraising target for the expansion, there are ongoing costs associated with treating their native patients and part of the Massey University Foundation's role is to run the trust that supports it. Information about donating to the cause can be found [here](#).

Date: 25/02/2015

Type: University News

Categories: Home Page article; College of Sciences; Massey Foundation; Palmerston North; School of Veterinary Science; Wildlife Ward

Opinion: Agile 21st century business skills

By Professor Ted Zorn

The only certainty ahead for today's university students is this: the world of work as we know it will change, and likely at increasingly rapid speeds.

This has implications for businesses too. The key to thriving in the 21st century is to have employees who can learn and adapt quickly and make sense of the opportunities and complex challenges ahead.

As the head of the Massey Business School, I take this challenge very seriously. Employers tell us they want graduates who “can hit the ground running”. We want this too, but preparing students for a job is no longer enough. What's more important is that graduates leave with the skills to ensure life-long success – for themselves and for the organisations they work for.

The Massey Business School is comprehensively reviewing its programme offerings and there are three key words shaping our thinking: change, technology and innovation. How do we equip graduates to embrace change? How will technology shape the jobs of the future? And how do we construct university programmes that encourage innovation and entrepreneurial thinking?

Part of the answer lies with developing some very fundamental skills – critical thinking, the capacity to synthesise information, and the ability to formulate and communicate creative solutions.

Throughout their time with us we want students to develop leadership capabilities and entrepreneurial ways of thinking. We also want them to see how their theoretical learning connects with the real world of business so they understand the ways that ethical business practices can improve society as a whole.

But it's also about recognising the current trends that will shape all our working lives. Top of the list is the so-called ‘second industrial revolution’, which is rapidly changing the nature of work and the jobs that people do. In the past decade we have completely revised what digitisation, robotics, automation and artificial intelligence can achieve.

It is no exaggeration to say that in 20 years time, up to half of all jobs will be ones that no one has heard of today. It will be no mean feat to prepare graduates to deal with that scale of change and the related ethical issues it will no doubt throw up.

But the key to a successful 21st century business school will be its ability to connect classrooms to real workplaces to create a two-way exchange of learning and information. This is how innovation happens – constantly testing ideas, questioning practice, reflecting on results and colliding theory with practice – and innovation will be critical to thriving in an environment of constant change.

At Massey, we are putting this into practice through initiatives like the trading room and enterprise lab and through student clubs like Social Enterprise NZ, which gives students the opportunity to use their skills out in the community to solve social and environmental problems.

We are also transforming our programmes to include more internships and other practical components to get students out of the classroom and into real workplaces. Our newest qualifications, including the Master of Analytics, which will equip graduates to deal with the explosion of data now at our fingertips, the Master of Sport Management and Bachelor of Business and Retail Management all include projects that require students to work within businesses to both learn and effect change.

We are creating pathways where students can apply their classroom learning in workplaces but, equally, bring their real-world insights back into the university to start a process of innovation. By exposing them to workplaces and working professionals, they will see how things are really changing on the ground and, given



Professor Ted Zorn

the right conceptual frameworks and analytical skills, will identify opportunities for new products and improved processes.

This two-way connection between universities and the wider society they serve is now fundamental to a good business education. Important skills and knowledge are taught in the classroom but the most important – innovative and entrepreneurial thinking – come from the collision of these skills and knowledge with real-world experience. Only this will enable graduates to make sense of the changes afoot, and then reflect on how things can be done better.

In the future, these are the employees that every organisation will need.

Professor Ted Zorn is the Pro Vice-Chancellor of the Massey Business School.

Date: 25/02/2015

Type: Features

Categories: College of Business



Massey University Vice-Chancellor Steve Maharey, Finance Minister Bill English and Auckland Chamber of Commerce chief executive Michael Barnett at Finance 2015.

Minister talks housing at Finance 2015

Finance Minister Bill English focused on Auckland's housing issues at Finance 2015, an annual event co-hosted by Massey University and the Auckland Chamber of Commerce.

The Auckland business community, academics and media turned out in force to hear the Minister's first major speech of the year, which outlined the government's priorities for its third term.

Mr English described Housing New Zealand's housing stock as a "massively inefficient land bank" and said that both central government and the Auckland Council needed to develop more of their land for housing.

He identified the Tāmaki Redevelopment Company, which is a partnership between the Government and Auckland Council, as a project that is rejuvenating the suburb.

Housing New Zealand owns over half the houses in Tāmaki, Mr English told the audience, and many were more than 50 years old and not suitable for today's social housing tenants.

"Over the next decade or so, the company and its partners expect to build around 7,500 affordable and social homes, along with other community facilities," he said. "That's a net increase of around 5,000 houses



Finance 2015 student award winners Liam McDonald and Bronwyn Bruce-Brand with Michael Barnett, Bill English and Steve Maharey.

after accounting for removals or demolitions of older properties.”

He said the government was focusing on supply because Auckland had decided it preferred to grow out, rather than up.

“Densification is about as popular as Ebola in parts of Auckland...You've made the choice to grow out and the government can now contribute by redeveloping our massively inefficient land bank in Auckland.”

During the question-and-answer session after his speech, Mr English fielded questions about inflation levels, which he said could head towards zero this year; whether New Zealand should follow Australia and charge foreign property investors large fees; and what were his plans for easing Auckland's growing congestion.

The Minister played to the Auckland crowd with his answer to the final question.

“The rest of the country would love to have your congestion. You live in a city that is fantastic, people want to live here and, as soon as you create a bit of room, it fills up. It's a problem we'd all like to have in Invercargill.”

Finance 2015, now in its sixth year, provides business leaders with an update on the state of the New Zealand economy, as well as an opportunity for the business and academic communities to engage.

“I'd like to acknowledge the partnership the Chamber has with Massey University,” said Chamber chief executive Michael Barnett.

“It is one that recognises the need for talent to grow the economy. As the Minister says, it is a problem that the rest of New Zealand doesn't have – and that's growth. And we need talent, we need skills and I'm sure our partnership is contributing to that.”

Massey University Vice-Chancellor Steve Maharey agreed.

“Both our organisations share a view that we want to see the economy of New Zealand growing and that we are particularly focused on ensuring this city, which is crucial to the growth of New Zealand, is growing too,” he said.

“It's not just business as usual. The kinds of challenges we face are new and different from those of the past century, so that's why we refer to the new New Zealand and set ourselves the task of driving change.”

The relationship between the University and the Chamber was also cemented with the presentation of the Finance 2015 Top Student Awards, funded by the Finance 2015 event. The top first-year students from 2014 in finance (Liam McDonald) and economics (Bronwyn Bruce-Brand) at Massey's Auckland campus were each awarded with a \$1000 prize.

Date: 26/02/2015

Type: University News

Categories: Home Page article; College of Business

Massey man on ensign re-design panel

Massey University flag historian Malcolm Mulholland has been appointed to the Government's Flag Consideration Panel to oversee a public engagement process and consider possible alternatives to the current flag.

Mr Mulholland, a senior researcher at Te Pūtahi-a-Toi/School of Māori Art, Knowledge and Education at Massey University's Manawatū campus and New Zealand's leading flag historian, says he is "deeply honoured" to have been selected for the panel of 12.

"Opportunities for the public to formally review and possibly change the flag are few and far between – it might happen once every century, or even less frequently," he says. "It's an honour to be a part of that process."

Deputy Prime Minister Bill English announced the panel today. It will be chaired by former Deputy Vice-Chancellor of Canterbury University, Emeritus Professor John Burrows. Wellington writer and reviewer Kate de Goldi will be the panel's deputy chair.

"Many New Zealanders were considered for the panel following nominations by a cross-party group of MPs," Mr English said in a statement. "I am pleased with the panel's independence, calibre and experience and each member has committed to undertake the flag consideration process carefully, respectfully and with no presumption in favour of change."

Mr Mulholland, a frequent media commentator on the history and public perceptions of the New Zealand flag, wrote in a New Zealand Herald opinion piece last year that the main issue for the public was to "pause and consider if our flag still embodies who we are as a country."

The other 10 members are:

Nicky Bell – CEO of Saatchi & Saatchi New Zealand and board director, Auckland

Peter Chin, CNZM – Former Mayor of Dunedin, director and trustee, Dunedin

Julie Christie, ONZM – Director of Julie Christie Inc. and board member, Auckland

Rod Drury – CEO of Xero and technology entrepreneur, Havelock North

Beatrice Faumuina, ONZM – Olympian, Commonwealth gold medallist, ASB Head of Talent & People Strategy, board member and trustee, Waitakere

Lt Gen (Rtd) Rhys Jones, CNZM – Former Chief of NZ Defence Force, Wellington

Stephen Jones – Invercargill Youth Councillor, Invercargill

Sir Brian Lochore, ONZ, KNZM, OBE – Former All Blacks captain, coach and administrator, Masterton

Hana O'Regan – Academic, Māori studies and te reo Māori, Christchurch

The panel will hold its first meeting in early March. It will:

- Consider and oversee a public engagement process to begin in May.
- Invite New Zealanders to send in designs or ideas regarding a possible alternative flag.
- Shortlist designs for the first postal referendum, which will be held this year using a preferential voting system inviting voters to rank the designs in order of preference.

The winning design will run off against the current New Zealand flag in a second binding referendum to be held next year using the First Past the Post voting system. A New Zealand Flags Referendums Bill containing these measures will be introduced to Parliament shortly.



Malcolm Mulholland

Read Malcolm Mulholland's recent Future NZ magazine article on the New Zealand flag [here](#).

Date: 26/02/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Humanities & Social Sciences; Government Policy commentators; Uni News



Visual communication design students Harmony Repia (left) and Gili Sharrock, with Ben Davies of St Kilda Football Club, proudly display their design to be worn at Westpac Stadium on Anzac Day by St Kilda players.

Anzac theme for students' AFL guernsey design

Massey University's design research studio Open Lab has collaborated with the St Kilda (Australian Rules) Football Club to design a special Anzac Day guernsey for the second consecutive year.

The sleeveless top will be worn by the St Kilda players for the team's Anzac Day match against Carlton at Wellington's Westpac Stadium.

St Kilda officially unveiled the design devised by students Harmony Repia and Gili Sharrock this week. It incorporates themes of Trans- Tasman camaraderie as represented by the Anzac tradition.

The two students received the commission from Open Lab at the College of Creative Arts in Wellington. Students at Open Lab are paid for their work and get to experience a genuine commercial design environment while being mentored by recent graduates and college staff.

St Kilda's strategic projects manager Ben Davies, says with exactly two months to go till the Anzac Day encounter, excitement has been building about the match and Massey's involvement designing the team strip.

"We have again been so impressed with the design team from Open Lab and the interpretation of the brief has led to a brilliant look for this year's guernsey."

The two visual communication design students incorporated into their design essential motifs like the rising sun badge prominent in Australia and a stylised poppy more commonly seen in New Zealand on Anzac Day, along with 100 crosses denoting the centenary of the Gallipoli landings.

Australians typically wear the poppy on Remembrance Day each November 11 marking the armistice that ended World War I in 1918.

“We tried to tell the Anzac story through the design allowing it to explain the 100 year connection of comradeship between the two countries,” Harmony said.

She has attended previous St Kilda matches at Wellington, while Gili secured a role through student job search coaching Australian Rules football to Wellington school children.

Mr Davies says the designers have come up with a look that is truly evocative of the links between Australia and New Zealand. He joined the designers for an unveiling on the Wellington campus yesterday.

“With such a special year between our two countries we wanted a design that our team could be proud of wearing on Anzac day and we have certainly received this from Harmony and Gili.”

Open Lab director Anna Brown says throughout the planning stages the design team was conscious of the significance of the occasion.

“The international scale of the project is emphasised by the Anzac connection and the fact its 100 years since that was forged, and ideally we would like to see a strong concentration of Massey people including 100 students getting along to the game.”

Being approached to work on this project is recognition of the importance of design, and the quality of the work by Massey design students, Open Lab and the College of Creative Arts, she says.

One of the designers of last year's Anzac Day guernsey, Jason Sheardown, mentored this year's designers on the project too.

Date: 26/02/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Feature; Wellington



Justin Ferrell

Business design 'super coach' to benefit Massey

Massey's MBA programme and Open Lab design studio are collaborating with Justin Ferrell from the d.school at Stanford University to potentially re-shape the Sunday offerings of one of New Zealand's largest media organisations.

It is believed to be the first time a member of the prestigious Hasso Plattner Institute of Design at Stanford (also known as the d.school), has collaborated with a New Zealand business school to deliver an elective in design thinking to MBA students. Staff and students with Massey's MBA have been visiting the d.school in California for the past five years as part of their second year international study tours.

Mr Ferrell is a former Washington Post journalist and Pulitzer prize-winner, who has used his additional talents in graphic design to teach design thinking, creativity and organisation design to transform companies such as Colgate, Facebook and Google.

Director of Business, Innovation and Strategy at Massey, Professor Hamish Gow says Mr Ferrell's background in journalism made him the ideal candidate to run the design thinking elective MBA paper this weekend in Wellington. The innovative workshop will examine Fairfax Media and the options for its newspapers the *Sunday Star-Times* and the *Sunday News* in the digital age.

"After visiting the d.school in May during their North American study tour, our executives requested that we explore the opportunity of offering an elective in design thinking," Professor Gow says.

"Concurrently, Fairfax Media approached us about design thinking and business model innovation. By collaborating with Justin and Fairfax Media we have been able to create an incredibly intensive win-win learning environment for both groups.

"Our MBA executives have the opportunity to gain substantial competency in design thinking applying it to a client's real world problem while Fairfax gains from our executives –and their customers- who will provide them with a range of innovative concepts and business models," Professor Gow says.

Local examples of design thinking include a re-design of the lobbies of many New Zealand banks to make them more customer friendly when you walk in.

“No longer is the banker sitting behind lots of bullet proof glass as you find overseas. It totally changes the way individuals interact when they walk into a bank,” Professor Gow says.

Fairfax editorial and marketing executives will be present for the weekend, which will see different teams of MBA students work with design specialists from Open Lab as well as outside the university. They will devise alternatives for the newspapers at a time of falling circulations and fewer resources amid a greater online presence.

The students will use design-thinking methods to uncover the needs of the Sunday newspaper reader and create concepts and rapid prototypes as part of the workshop. They will then have one month to refine their concepts for presentation to Fairfax Media for possible consideration, Professor Gow says.

“For them it's all about adopting new ways of design thinking beyond the idea of 'old media' and asking “What kind of Sunday offering should we provide?”

Professor Gow says Mr Ferrell's visit builds on a long-standing relationship that the MBA programme has fostered with Stanford d.school since 2010.

The Massey MBA is the longest continuously running MBA programme in New Zealand, dating back to 1972. Unlike other business masterates that focus on a particular business discipline, the Massey MBA provides students with a broad foundation in the core business disciplines – accounting, finance, management and marketing - as well as the opportunity to gain competency in their application and develop solutions for real world problems that New Zealand firms encounter domestically and abroad. The current cohort has already worked with Toyota New Zealand, Food HQ and numerous small medium enterprises, Professor Gow says.

Date: 26/02/2015

Type: University News

Categories: Home Page article; Big Issues in Business; College of Business; Creative Arts; Feature; Innovation; Research - Design; Wellington



Fun challenges attracted swarms of students to the Manawatū campus Clubs Day this week.

Clubs Day attracts large turn-out

Students sculling *milk*? Might sound like a “yeah right” Tui billboard ad, but honestly – it was milk. Free milk. Gulping a lactic litre or two in the fastest time was one of the fun challenges at Massey University's Clubs Day.

Swarms of students on the Manawatū campus signed up for hockey, handball, rugby, soccer, swimming, mountain biking, martial arts, drama, fire poi, and Toastmasters' clubs – to name a few. Food stalls and numerous interest groups and cultural associations representing international students were also on the Concourse seeking new members.

Massey University Student Association (MUSA) president Linsey Higgins says the campus had 53 clubs last year, and she hoped there would be as many, if not more, this year. She says students who want to start up a new club can still do so, by contacting the association.

On the Massey University Drama Society (MUDS) stand, Jessica McLean, who is doing a master's in History, and Hannah



A milk-swilling challenge attracted some thirsty students

Wakelin, in her third year of a Bachelor of Arts, said there was a lot of interest.

Their club stages a series of smaller productions throughout the year, as well as a major one. The club is holding auditions on March 4 and 8 at the Wool Building for a comedy play titled *12 in a Box*.

The Massey University Fire Club also attracted a lot of interest. The club will perform a showcase of fire poi and staff, diablo, aerials, hooping and more next Tuesday at the Massey University Events Centre.

As part of Orientation, Clubs Day is a chance for students to find out about sports, arts, spiritual and outdoor activities they can participate in to ensure a good work/life balance while they are studying, says Manawatū campus registrar Sandi Shillington.



Sombreros in the sun at the Massey University Fire Club stand

“It’s also a great way to make new friends from all over New Zealand and the world, which is a vital and wonderful part of life at university.”

For a full list of clubs click [here](#).

Date: 26/02/2015

Type: University News

Categories: Music and campus life; Orientation; Palmerston North; Uni News



Editorial board member Professor Subhas Mukhopadhyay, Open Lab designers Thomas Le Bas and Jennah Rasmussen, board chair Professor Glyn Harper, Tessa Lyons, Vice-Chancellor Steve Maharey and Palmerston North mayor Grant Smith

Massey launches own publishing press

Massey University scholars and authors will have the chance to share their specialist knowledge with a much wider readership thanks to the launch of its new publishing press.

Massey University Press aims to become a world-class academic press, publishing scholarly works by its top researchers – as well as non-Massey authors – in a range of signature areas that will appeal to a wider international audience.

In his speech at the Friday launch, Vice-Chancellor Steve Maharey said it was “vital” for the University to have its own press in order to extend its global outreach and to fulfill its goals of “shaping the future of the country and taking the best of New Zealand to the rest of the world.”

He says the initial output of the press will be “a small number of very well chosen books that profile what the university stands for.”

The press would establish itself as “highly innovative”, exploring new publishing options in the future such as online publications that can be downloaded. It was important that the press was not exclusive to Massey authors, he added.

The endeavour will start modestly by publishing up to three books in its first year of active publishing in 2016 – including in eBook format – expanding to around ten books and three eBooks in its fifth year.



MASSEY UNIVERSITY PRESS

MASSEY
UNIVERSITY
PRESS



Massey University Press logos

With the intent of strengthening Massey's international reputation in specialist areas, the Massey University Press will focus on agricultural science, food research, veterinary science and practice, public health, creative arts, education, psychology, Māori Studies, military and international studies, aviation and business.

Massey authors have published 122 books through various local and international publishers in the past three years. Their work covers a range of genres, from history and fiction to science, technology and business topics, reflecting the diverse research covered by the University's five colleges – Business, Creative Arts, Health, Humanities and Social Sciences, and Sciences.

The press's inaugural editorial board was introduced at the Friday launch on the Manawatū campus, attended by around 40 people, including Palmerston North Mayor Grant Smith.

All Massey academic staff members, the board comprises Professor Glyn Harper (Chair), Ms Anna Brown (Deputy Chair), Professor Subhas Mukhopadhyay and Dr Sam Peterson.

Professor Kathryn Rountree, a social anthropologist in the School of People, Environment and Planning, will chair a broad-based advisory group, yet to be established.

“The Advisory Group will take advantage of the depth of publishing experience held by Massey University staff,” says Professor Harper. “The involvement of the group in supporting the establishment of the press means that it will benefit from this breadth of knowledge. Working alongside the Editorial Board, the Advisory Group will help guide the Press towards international success by providing expert publishing advice.”

Professor Harper, a war historian and Massey project manager for the World War I Centenary History series, says that once it is underway the press will commission books as well as respond to manuscript submissions and publishing proposals. And he envisages some books being translated into other languages where there is a market.

But it will not be a ‘vanity’ publisher of niche works unlikely to appeal to a non-academic audience, he assures. “We want to publish for an intelligent lay readership – not just university staff and students.”

A key element in ensuring the success of the press, at a time when book sales are slumping in the face of digital media, is having a distinctive brand and logo, he says. The Massey University Press logo – designed by the College of Creative Arts' Open Lab design director Anna Brown – features elements of Māori design and spiritual values to embrace the notion of baskets of knowledge to underline the significance of education and higher learning.

Following the launch, the search is underway for a director/publisher who will work with a team of talented freelance book editors, designers and promoters. The press will have an office based on one of Massey's three campuses.

Massey joins Auckland, Otago, Victoria, Canterbury and AUT universities as the sixth university in New Zealand to have its own publishing house.

Editorial Board

Glyn Harper is a professor of War Studies at Massey University, and project leader for the WWI and New Zealand Centenary Project. He is the author of numerous military history books, including *Kippenberger: An Inspired New Zealand Commander*; *In the Face of the Enemy: The complete history of the Victoria Cross and New Zealand*; *Dark Journey: Three Key Battles of the Western Front*; *Images of War: World War One: A Photographic Record of New Zealanders at War 1914-1918* and his most recent *The Battles of Monte Cassino: The Campaign and its Controversies*. He has written a number of children's books, including *Le Quesnoy* and the recently published *Jim's Letters*.

Anna Brown is a senior lecturer in the College of Creative Arts' School of Design, and director of Open Lab – an in-house design studio established by the college. She is a book designer, and teaches in the visual communication degree.

Subhas Mukhopadhyay is a professor of Sensing Technology in the School of Engineering and Advanced Technology. He has written four books, edited 21 and has held a range of editorship roles for specialist journals on engineering, mechatronics and technology.

Sam Peterson has been teaching Agricultural science, Science and Veterinary science at Massey for 36 years. His publishing experience includes five years as editor of the New Zealand Society of Animal Production for five years.

Advisory Board Chair

Kathryn Rountree is a professor in Social Anthropology in the School of People, Environment and Planning. She has published six books with New Zealand and top international publishers on pagan movements and spirituality in Europe, as well as on the craft of writing. Prior to her academic career, she published 10 children's books based on her background in archaeology, about New Zealand's early history from the arrival of Māori through to first contact with European settlers.

Date: 27/02/2015

Type: University News

Categories: Home Page article; Research; Uni News



Associate Professor Grant Duncan

Opinion: Politicians' pay rises an annual embarrassment

by Grant Duncan

How much should Members of Parliament be paid – and who decides anyway?

New Zealand Prime Minister John Key has openly disagreed with the recent decision that lifts the basic salary of a backbench Members of Parliament 5.5 per cent, from \$147,800 to \$156,000, while his own salary rises by \$23,800 to \$452,500.

So, the Prime Minister still earns less than many chief executives, including many of those in the state sector. But these salary rises are above both inflation and increases in the median income, and they come just after the minimum wage has been raised by a mere 50 cents per hour (3.5 per cent). Public cynicism towards politicians and resentment about inequality have caused a political backlash against the announcements of rises in MPs' salaries.

For very good reasons, though, MPs' salaries (and those of judges and elected local government politicians) are set by an independent Remuneration Authority. For obvious reasons, we do not want politicians setting their own salaries. And therefore, for exactly the same reasons, politicians should not interfere in the decisions of the Remuneration Authority, regardless of whether they think an increase is too small – or, in this case, too large.

But Mr Key has told reporters that he wrote to the authority urging it not to give MPs any salary increase at all. He argues that one should not be in politics for the money, and that there is no valid comparison with senior roles such as chief executives.

It is utterly inappropriate for the Prime Minister to attempt to influence the authority's salary determinations, however. Mr Key is eager to dodge any political bullets that may be aimed at him due to his massive pay-rise. But he should not be trying to influence the authority's decision, even if his aim is to have no pay

increment at all. The point of having the Remuneration Authority is to keep this decision out of the hands of politicians themselves and to distance it from political interests.

For many taxpayers, it might be more satisfactory to give MPs no salary rise, or only one that aligns with average income increments in the economy at large. But the Remuneration Authority employs a widely recognised "job sizing" method, and it is required by law to take into consideration salaries for comparable occupations, fairness to the MPs and to taxpayers, the nature of the job itself, and the state of the economy. To make an informed judgement on the pay-rise determination of the authority, and whether it is reasonable and lawful, we would have to read through the information that the authority had before it.

Parliament could amend the law that governs the Remuneration Authority to more tightly restrict future pay increments. The Prime Minister has hinted at exactly that. One can imagine the interesting debates that would occur in the House over such a Bill. It would amount to political interference again.

Given though that future circumstances are not always foreseeable, it may be unwise to tie the Authority's hands any more tightly than they are at present. And repealing such an amendment, if it turned out to be impractical, would only add to the political wrangling.

The whole idea of having a Remuneration Authority was to prevent political interference in setting the salaries of elected representatives and judges.

If Mr Key and other MPs feel so strongly about the fact the increases they receive are regularly larger in percentage terms than those received by ordinary New Zealanders, including pensioners, beneficiaries and those on the lowest pay rates, then they might like to consider the means by which that disparity occurs. That would include the National-led government's recent amendments to employment law, its discouragement of collective wage bargaining, and the decisions Ministers make on pensions, welfare and minimum pay rates.

Until then, if the Remuneration Authority makes a determination that happens to embarrass the Prime Minister, that is just too bad for him. He will have to take the money and smile.

Associate Professor Grant Duncan is a lecturer in the School of People, Environment and Planning at Massey University. He teaches public policy and political theory at the Auckland campus, and has published a book on social policy in New Zealand. He has also published more widely in the field of public policy and public management.

Date: 27/02/2015

Type: Features

Categories: College of Humanities & Social Sciences



Ralph Johnson as King Lear with Massey student Kat Sowerby playing the Fool, at a Summer Shakespeare rehearsal.

Circus theme for Shakespeare's King Lear

The tragedy of *King Lear* gets a makeover as a freak show/circus in this year's Summer Shakespeare, directed by Chilean-born dramatist and Massey University Visiting Artist Jaime Dörner.

Dörner says the freak show concept – with a bearded Goneril and two-headed Regan as Lear's avaricious daughters – is designed to bring out the grotesque aspects of the characters' natures. Their husbands, the Dukes of Albany and Cornwall, assume circus personas as a strongman and knife-thrower.

And King Lear, played by seasoned thespian and drama teacher Ralph Johnson, will take on a freakish appearance with the help of makeup and prosthetics.



Director Jaime Dörner with King Lear played by Ralph Johnson

King Lear starts on Thursday, 5 March at the Victoria Esplanade Gardens in Palmerston North. Costumes have all been designed and made for the show, and gypsy-flavoured circus music composed by musical director Suzy Hawes will add to the colourful, carnival extravaganza.

Dörner, who is directing a Summer Shakespeare production in Palmerston North for the second time as a Massey University Visiting Artist (the first was *A Midsummer Night's Dream* four years ago), says his aim was

to create a strong aesthetic that would underpin the “outrageous” motivations of the Lear family, and the drama of the story.

The plot revolves around the decision of the elderly King Lear to divide his kingdom and wealth between his three daughters in return for a declaration of their affections. Greed, betrayal, madness and grief ensue as the family self-destructs and Lear teeters towards the realisation of what genuine love means.

Dörner, who has lived in New Zealand for nine years including seven in Palmerston North, says he was not a huge fan of Shakespeare when he first encountered his plays at high school in Chile, where he read the texts in Spanish translation.

In New Zealand, he discovered a passion for the narratives and language of the Bard, with *Hamlet* his all-time favourite.

Massey University third-year Bachelor of Arts (English) student Kat Sowerby, who plays the Fool and is one of several Massey students involved in the production, says performing on stage is a dream come true. She saw Dörner's *A Midsummer Nights' Dream* and longed to be up on stage but was too shy to consider acting then.

During her degree she has taken every theatre paper taught by award-winning playwright and School of English and Media Studies lecturer Associate Professor Angie Farrow and says she has gained a lot more confidence along the way.

She has discovered her love of literature – especially New Zealand fiction – and is hoping to do postgraduate study. Enrolling in a BA was the best decision, she says, as it has opened up numerous areas of interest. “I love learning, and see myself as a life-long learner.”

Ms Sowerby is one of three Fools – all played by women – in Dörner's *King Lear*.

Set designer Leda Farrow is also applying her studies to the stage. She has a Fine Arts degree with First Class Honours from the College of Creative Arts in Wellington.

The production is Dörner's final work as a director in Palmerston North. He is heading to Monash University in Melbourne to do a PhD on the cathartic and healing powers of theatre.

Dr Farrow says the Summer Shakespeare is very much a “town-gown production.”

Massey is the major sponsor of Summer Shakespeare, which is also supported by the city's Creative Communities and Eastern Central Trust. It was initiated 13 years ago and is produced annually by the School of English and Media Studies.

Show details:

Dates: March 5 ,6,7,12,13, and 14

Time: 7.30pm

Entry: Free

Where: [Victoria Esplanade Gardens](#), Fitzherbert Avenue, Palmerston North

Date: 27/02/2015

Type: University News

Categories: College of Humanities & Social Sciences; Exhibition/Show; Uni News



Big data analysis is now big business.

Opinion: Making better business decisions

By Professor Leo Paas

A tsunami of raw data is now generated every second of the day by millions of devices – and it's making big data analysis big business. That's because most organisations have no idea how to use the information they have collected to make better business decisions.

To really take advantage of all the data available to them, firms need employees with the skills of a computer scientist, analyst, communicator and business advisor. Easier said than done, I hear you say.

Well, the bad news is it's not going to get any easier to find those well-rounded employees with data analysis skills and a good understanding of business. In case you haven't noticed, there's a big 'big data' skills shortage – and not just in New Zealand.

As a university researcher I am used to crunching large data sets to look for patterns, relationships and insights to enhance business decision-making. But what was once the domain of scientists has now become a skill that every business will need to compete successfully in the 21st century.

We are moving to an information-based economy where the preferences and habits of consumers are quickly becoming the most valuable commodity there is. So what are the skills you need to develop within your organisation to ensure success in this new world order?

When LinkedIn analysed the skills that attracted the interest of recruiters or got its members a new job in the past year, statistical analysis and data mining topped the list. In fact, the business-oriented social network noted that firms all over the world were “aggressively hiring experts in data storage, retrieval and analysis”.



Professor Leo Paas.

Other skills to make LinkedIn's hottest 10 included search engine optimisation and marketing, business intelligence and algorithm design. These skills point to the importance of understanding both the basics of computer science but also the business disciplines of marketing, analysis and consumer insights.

It's one thing to know how to set up data architecture and write algorithms, but quite another to do it in a way that allows you to extract actionable information to support business decision-making.

A key employee for firms in the future is one who can straddle these two worlds. Someone who:

- Understands how databases work and the data your business holds.
- Can optimise your firm's online presence to capture data that is useful.
- Can ensure algorithms are designed to extract actionable information from the mountain of data you have collected.
- Translate the findings into business insights and better business decisions.

The end goal of harnessing all this data is simple: to make better business decisions. Instead of relying on gut feelings, you can see your customers' preferences in real time.

You can see the impact of your various marketing activities and decide where your budget is best spent. You can single out high priority customers and give them better service. You can improve customer experience by offering individuals personalised services and products to fit their specific needs.

The ability to mine mountains of data has turned the traditional way of doing market research on its head. With large data sets you can undertake exploratory statistical analysis. Instead of testing a hypothesis based on anecdotal evidence or gut feeling, algorithms can now crunch data to find relationships between variables that you never knew existed. This is truly new information you could never have garnered before.

What we're seeing is the start of the information revolution, which is rapidly changing the nature of work and the jobs people do. We've seen automation replace jobs in agriculture and manufacturing; now it's happening in the service industry.

As more products and services are delivered online, service jobs are migrating to the information sector and handling data is the key part of this process. The McKinsey Global Institute predicts that, in the United States alone, there will be a shortage of 1.5 million managers with the ability to use big data analysis to make effective decisions by 2018.

As technology drives change at an unprecedented speed for the world's workforce, the information sector is one of the few secure jobs of the future. If you are looking for a career change, consider data science – or, better still, point your children towards what the Harvard Business Review has dubbed “the sexiest job of the 21st century”.

Professor Leo Paas heads the Massey Business School's Business Analytics Programme, including the university's new Master of Analytics (Business) qualification.

Watch [One News segment](#) on the Master of Analytics (Business)

For more information on the Master of Analytics (Business), visit the [programme page](#)

Date: 27/02/2015

Type: Features

Categories: Big Issues in Business; College of Business



School children from Melemaat Primary School, where the project began

School supplies needed for Vanuatu neighbours

A Massey University senior lecturer is trying to spread her educational reach by sending resources to 120,000 children at 103 schools in "desperate need" in remote areas of Vanuatu.

Dr Laryssa Howe, from the Institute of Veterinary, Animal and Biomedical Sciences, is one of the team leaders of Vanuatu Education Aid – a group aiming to fill a 33 cubic metre shipping container with books, stationery, sports equipment and educational games. They have set a deadline of September to send the gear.

The initiative began with Dr Howe's project partner Linda Roberts – an account manager for a Hawke's Bay packaging company. She and her husband went to Vanuatu last year on holiday and took 25kg of stationery for Melemaat Primary and several other schools. They say the response was overwhelming, with education officials and other schools asking for more help.

"I was staggered to learn that people from Vanuatu come to New Zealand to earn money to pay their kids school fees, uniforms and stationery. It was easy for us to donate suitcase space and take items." Ms Roberts says.

A lack of government assistance and an average monthly household wage of \$200 mean that Vanuatu school children are in desperate need of these supplies, Dr Howe says. "The education system in Vanuatu is already stretched to its limits. Families are being squeezed to supply even basic school resources with their small incomes. Ultimately, kids are missing out."

They are encouraging New Zealand schools, community groups, businesses and individuals to provide financial support or donate goods. In particular, they are looking for safe storage facilities for the goods in Manawatū and Hawke's Bay.

"This is a great way for a business to support education in action. We need additional funds to reach outlying areas and we can acknowledge corporate support through our Facebook page – Vanuatu Education Aid."

Interested volunteers may like to come along to assist with distribution of resources and gain a unique perspective of Vanuatu.

The project is supported by the Ministry of Foreign Affairs and Trade and will be coordinated with existing aid programmes, such as Rotary. In Vitro Technologies have donated scientific laboratory supplies while Olsen Shipping is coordinating shipping and customs.

For more information, or to donate, please get in contact via the Facebook page (Vanuatu Education Aid) or Laryssa Howe in Palmerston North: L.Howe@massey.ac.nz, or Linda Roberts in Hawke's Bay: robertsfamily1970@gmail.com.

Date: 02/03/2015

Type: Features

Categories: College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Feature; International; National; Palmerston North; Pasifika; School of Veterinary Science; Uni News



Professor Claire Massey, Director, Agrifood Business and Executive Director, Te Puna Whakatipu, Massey University; Prof Aalt Dijkhuizen, President of Dutch Topsector Food & Agri, Rob (Robert) Zaagman, Ambassador to New Zealand, Kingdom of the Netherlands; Dr Mike Joy, Senior Lecturer Institute of Agriculture and Environment, Massey University; Marjan van den Belt, Director and Principal Ecological Economist, Ecological Economics Research Centre, Massey University; Prof Mike Hedley, Professor in Soil Science Institute of Agriculture & Environment, Massey University Hayley Moynihan, Director of Dairy Research, New Zealand and Asia, Rabobank International.

Dairying: how to do more with less

A world leading agrifood scientist visited Massey University to discuss what has become the holy grail of New Zealand farming - how to minimise the environmental impact of dairying while increasing production and profitability.

Professor Aalt Dijkhuizen, the president of Topsector Agri and Food in the Netherlands, is visiting New Zealand to discuss the future of the international dairy industry, starting at the Massey University Manawātū campus today.

He was hosted by Massey along with the Riddet Institute, the Government-funded centre of research excellence that focuses on food and nutrition.

Professor Dijkhuizen argues that if New Zealand and the Netherlands want to stay competitive and be leaders in green dairy they need to rapidly adapt their dairy systems to be highly productive, efficient and sustainable. He argues for a hybrid system between New Zealand's efficient pasture management methods and the Netherlands' use of barns, to increase production and efficiency and reduce pollution.

He will be discussing how to do so as he tours New Zealand and speaks to stakeholders in the farming and food sectors. He will meet with leaders of the agrifood industry in Auckland on March 3 and also spend time in Christchurch and Wellington.

Topsector Agri and Food is a collaboration and innovation network between the Dutch government, private industry and universities and research institutes. Professor Dijkhuizen was previously president and

chairman of Wageningen University, which is ranked globally as the world's top agriculture university and has longstanding ties with Massey University.

Among those who met with him and participated in a discussion were Dr Mike Joy, Professors Mike Hedley, Danny Donaghy and Associate Professor Marjan van den Belt – all of whom offered a unique perspective to the issue.

Other notable attendees included Vice-Chancellor Steve Maharey, Deputy Vice-Chancellor and College of Sciences head Professor Robert Anderson, Agrifood Business director Professor Claire Massey, and Distinguished Professor Harjinder Singh from the Riddet Institute.

Date: 03/03/2015

Type: Research

Categories: Applied Learning; College of Sciences; Environmental issues; Explore - Agriculture/Horticulture; Innovation; International; National; Palmerston North; Research



Professor Emeritus Graeme Wake

Mathematics solutions for industry problems

Workshops where businesses can pose problems to teams of mathematicians are being held in New Zealand for the first time.

The workshops are a way for companies to pitch their problems to staff of Massey University's Centre for Mathematics in Industry, based at Auckland, who then work collaboratively to generate practical solutions through modelling, statistical analysis or computation.

Similar workshops have been available in Australia, but this year will be the first time they are being held in New Zealand on a regular basis. Previous attendees of the Australian workshops include the state-owned national grid operator Transpower, to model power output from wind farms; dairy giant Fonterra, to predict how cheese matures; and whiteware manufacturer Fisher & Paykel, to model a washing machine balancing system.

Event organiser Professor Emeritus Graeme Wake says the first workshop will run for a week from June 29, offering a fresh approach and new ideas. "The increasing sophistication of modern industry has generated a need and demand for mathematical expertise," Professor Wake says. "The collaborative groups transform how industries see and approach problems. It's a fast, effective and productive avenue for them to use."

Other contributors to the workshops include Callaghan Innovation, the ANZ Industrial and Applied Mathematics Group, KiwiNet, Te Pūnaha Matatini – a Centre of Research Excellence in Complex Systems and Networks, and the Mathematical Sciences Group of AUT University.

The first workshop will be in Massey Auckland campus Atrium Building from June 29-July 3. It is planned to repeat it annually.

For more information or to attend please contact [Graeme Wake](#) or visit the Mathematics in Industry New Zealand (MINZ) [website](#).

Date: 04/03/2015

Type: Research

Categories: Any



DEFINING EXCELLENCE AWARDS

The Defining Excellence Awards

New Partnership Excellence Award announced

Four companies have been nominated for a new Partnership Excellence Award to be presented at the Massey University Defining Excellence Awards in Auckland next Thursday.

University Vice-Chancellor Steve Maharey says it's an opportunity to recognise partnerships that surpass normal business relationships.

"The Massey University Partnership Excellence Award recognises organisations that share our vision to take the best of New Zealand to the rest of the world through excellence in creation, connection and innovation.

The New Zealand Herald have also become the Media Partner for the Defining Excellence Awards, and provided a judge for the panel considering nominees for the Partnership Excellence Award. A representative from the *Herald* will help present the award on the night.

"We are delighted to announce the finalists for this award are Fonterra Co-operative Group Limited, Gallagher Animal Management, Westpac and Wuhan University in China. We would like to congratulate them all on their nomination, and look forward to announcing the winner," Mr Maharey says.



The New Zealand Herald are the new media partners for the Defining Excellence Awards

The Defining Excellence Awards celebrate Massey University graduates who have made outstanding contributions to their professions, their communities, the nation, and Massey University. The awards take place at a black-tie gala dinner at the Heritage Hotel on March 12, with cartoonist and writer Tom Scott as the master of ceremonies.

The recipients of the Distinguished Alumni Awards for 2015 are Red Cross nurse Andrew Cameron, social worker Jane Haste, food technology pioneer Dr Alex Buchanan, and dairy industry stalwart Graeme Milne.

Tickets to the awards are still available, and can be booked online until March 9.

For more details on the Defining Excellence Awards, and to purchase tickets, go to the [website](#).

Date: 05/03/2015

Type: Awards and Appointments

Categories: Alumni; Auckland; Awards and appointments; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Exhibition/Show; Feature; International; Massey Foundation; National; Palmerston North; Uni News; Wellington



(from left) Marshall Kathleen Vossler, Orator Tony Lynch, Professor Ted Zorn, Chancellor Chris Kelly, Vice-Chancellor Steve Maharey, Dr Dhanin Chearavanont, Dr Sarasin Viraphol and University Registrar Stuart Morriss.

Massey honours top Thai business leader

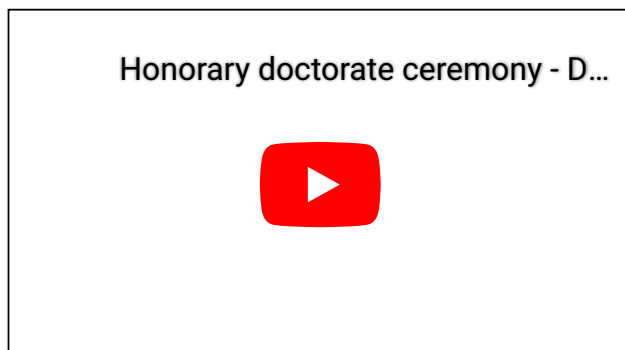
Greater access for New Zealand to Asian food markets through research and knowledge exchanges between Massey University and a Thai food conglomerate is on the cards.

The prospect of stronger links with Thailand in the agrifood sector was championed in a speech by one of Thailand's most successful business leaders, Dhanin Chearavanont.

He was recognised by the University with a Doctor of Science (honoris causa) at a ceremony at the Manawatū campus on Wednesday. The degree was in recognition for his services to international business and philanthropic activities.

Dr Chearavanont, 75, is chairman and chief executive officer of the Charoen Pokphand Group (known as C.P. Group), a conglomerate with core businesses in agrifood, retail and telecommunications that employs more than 300,000 people worldwide, with total revenues of more than \$US 41 billion.

Speaking through a translator at the ceremony, Dr Chearavanont said he would “advocate for



Watch the full ceremony plus speeches from the reception.



the immediate formation of a joint committee between the University and the C.P. group to work out a plan for collaboration. C.P. will definitely gain from the knowledge that Massey University can dispense, but hopefully C.P. can also provide some knowledge about the Asian market, consisting of more than three billion people.”

“I am confident that we can assist New Zealand in distributing value-added goods to Asia,” he told the audience of around 100 senior agrifood, business and food science academics as well as Massey alumni, business leaders and members of the Thai community.

Dr Chearavanont also commented on the similarities between the C.P. Group and Massey University, saying they both work across the agrifood value chain from farming to processing, manufacturing and distribution. “We owe it one another to see how we can work together.”

New Zealand's former Ambassador to Thailand Tony Lynch, orator at the ceremony, said Dr Chearavanont is widely regarded as an exemplar businessman in international trade, and has also made an enormous contribution to improving the standard of living for Thai people in the agrifood sector.

“His achievements are due to his international vision, his astute leadership and his strong family and corporate values,” said Mr Lynch, who is the current Deputy Secretary of Defence for the Ministry of Defence.

Dr Chearavanont was overwhelmed by the recognition, saying: “This day will forever live in my memory.”

Chancellor Chris Kelly told the audience it was an “historic occasion”, being the third conferment of an honorary doctorate to an international recipient by the University. The first, in 2002, was an Honorary Doctorate of Sciences awarded to the King of Thailand H.M. Bhumibol Adulyadej. The second was in November last year when Madame Peng Liyuan, First Lady to the President of the People's Republic of China, Xi Jinping, received an Honorary Doctorate of Literature.

Dr Chearavanont's father founded the family seed business in 1921 and it has grown into the C.P. Group of today, with investments in 17 countries, including China, India, Russia and Turkey, and offices in 14 other countries including the United States, Britain, France, Germany and Italy. C.P. Group was the first foreign investor in China after the economy was reopened to outside investment in late 1970s. In 2007, it founded Thailand's first and only work-based learning higher education institute, the Panyapiwat Institute of Management.

He was the first person to implement the poultry integration business in Thailand and South East Asia and is credited for introducing modern agricultural development to emerging economies.

He has been acknowledged by Forbes as one of the world's billionaire philanthropists for several years running and was chosen by Forbes Asia as Businessman of the Year in 2011. He is the founding and current president of the China Association of Overseas Chinese Entrepreneurs, an official business organisation established by the State Council of the Chinese government.

Dr Chearavanont advocates as the C.P. Group's guiding principle the "Three-Benefit Principle" that reflects the leveraging of benefits to all stakeholders in a sustainable business enterprise, namely benefit to the country, the people and the company.

Before the ceremony, he toured Massey's Food HQ, Food Pilot and Hopkirk Institute. After his conferment, he addressed guests at a reception at the Riddet Complex.

Date: 05/03/2015

Type: University News

Categories: Home Page article; Explore - Agriculture/Horticulture; Graduation; International; Uni News

Dr Dhanin Chearavanont (centre) visiting Food HQ



Dr Dhanin Chearavanont receiving his honorary doctorate



Jay Mason (right) gets his leg waxed by a residential advisor from Fergusson Hall Russell Kwa (middle) and student Rhys Hardstaff.

A hair-raising fundraiser for Relay for Life

Massey University male students raised hairs and funds for Relay for Life today by waxing the bodies of their fellow students.

A group of guys from the City Court hall of residence organised a waxing event on the Manawatū campus concourse where they collected donations for the Cancer Society of New Zealand, charging \$2 for a wax strip on the leg and \$5 for a strip on the armpit.

Residential advisor for City Court, Jay Mason, was both the organiser and a “victim”. He got the idea from another hall that ran a similar event five years ago.

“It was hard to get volunteers at first because of the pain but everyone was keen to get behind the cause so we convinced them in the end. It’s a lot of fun, and a lot of pain.”

“We don’t have a target as such, we just want to raise as much as possible. The armpits are helping out a lot.”

The waxing event raised around \$100 today which adds to the \$1500 that has already been collected by all the Halls of Residence, with more expected to come in over the next few days. Rebecca Price, Accommodation Manager for the halls, says they have a good turnout of students for Relay for Life every year.

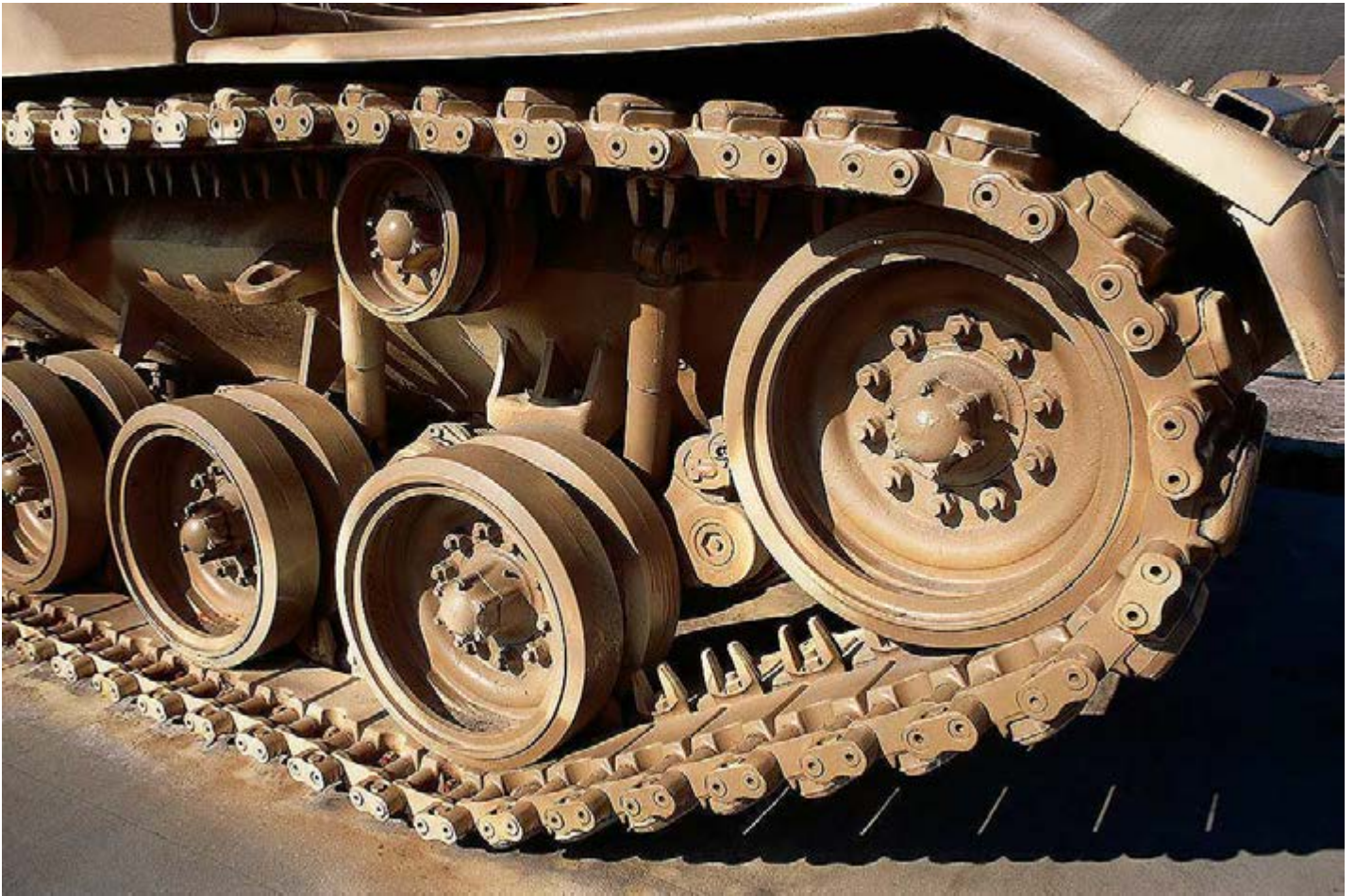
“Every year the halls’ students really get behind Relay for Life. Last year we raised just over \$1200 so we are very pleased to collect a greater amount of donations already this year for the cause. The students are very much looking forward to the event as part of our big weekend of events with Crazy Sports Day also on Sunday.”

City Court is a Halls of Residence known for its centralised courtyards. Situated above the valley that is home to the university's arboretum, and alongside the sports fields and Recreation Centre, the Courts are part of Massey University's Accommodation Services.

Date: 06/03/2015

Type: University News

Categories: Home Page article; Palmerston North



New Zealand Defence Force personnel to join military efforts against IS in Iraq

Opinion: Political reintegration of Sunni crucial to Iraq's recovery

by Nigel Parsons

New Zealand Defence Force (NZDF) personnel are heading back to Iraq in numbers.

The battlefield momentum that carried IS into Iraq's third largest city of Mosul last June has certainly been tempered. Indeed, the US military (perhaps oddly) let it be known that there are plans to retake the city sooner rather than later. In the meantime, Baghdad has not fallen.

In Syria, the Islamic State's siege of Kobani on the border with Turkey was lifted in late January, the city retaken by Kurdish forces backed by coalition air support. Further into Syria, the self-declared Islamic State's capital of al-Raqqah is subject to a siege of sorts of its own: the population has been winnowed to less than half of its pre-war level under a fearsome combination of IS rule, non-Syrian jihadis, popular deprivation and alternate Syrian and coalition air raids.

This is the conflict into which a 140-odd strong contingent of NZDF personnel is being deployed. Hard questions have rightly been asked as to why this particular Building Partner Capacity mission is likely to succeed when the previous (and colossal) US-led training mission imploded to such dismal effect.

Iraqi Prime Minister Haider al-Abadi has issued assurances that this time around it will be different: this Iraqi government is set to be inclusive not exclusive and a reconstructed Iraqi military will be up for the fight. NZDF personnel heading for Taji, the capacious Iraqi military base north of Baghdad, have good reason to hope that he's right.

IS does appear to be on the back foot. But it remains a formidable opponent. The Iraqi military, with the NZDF and a host of other allies behind them, will know they are in no position to 'try and nip this thing in the bud' as our Defence Minister seemed to suggest. And even if military success is forthcoming, in and of itself it will do little to repair Iraq's fragmented political landscape.

Any lasting solution to the phenomenon of IS lies in politics. First and foremost this means the reintegration of Iraq's powerful Sunni tribal structures into the government. But deeper than government, Sunni need to regain a stake in the state, particularly the coercive branches such as the police, security services and military that the government in Baghdad commands. This is crucial to rebuilding Sunni confidence in Iraq, and eroding the appeal of the apparent alternative - the Islamic State. And it can only happen with the consent of Iraq's ascendant Shia community and their capable Iranian sponsors. The matter is deeply politicised.

On which note, perhaps we should all pause to reflect, once again, on the membership fee for the Anglosphere's Five Eyes surveillance club. The NZDF will no doubt be keen to get on with its latest deployment and set about making a typically professional contribution. But it will at best be a modest contribution. New Zealand is not going to turn the tide of the war against the Islamic State. However, for the sake of placating allies in the Anglosphere, the government's decision may help turn the Islamic State on New Zealand. If that happens, our troops will likely - but not necessarily - be the first to know.

Dr Nigel Parsons is a senior lecturer in politics in the School of People, Environment and Planning, specialising in Middle East politics.

Dr Parsons has prepared the following Q&A on IS and the military crisis in Iraq and Syria

Q: What is IS?

A: IS (or ISIS – Islamic State of Iraq and *al-Sham* – Arabic for the Levant) began as an al-Qaeda offshoot but was rejected by it last year. ISIS subsequently renamed itself the Islamic State (IS) or caliphate under its leader and self-proclaimed caliph Abu Bakr al-Baghdadi. The Samara-born cleric claims to be the modern-day political successor to the Prophet Muhammad. This has not been achieved without considerable violence. Reports and footage from cities where IS has taken control document public executions, beheadings, crucifixion, immolation, amputations, torture, beatings, kidnap and slavery. But there are also reports of improved public administration, basic service delivery and rudimentary justice.

In a bitter conflict with the Syrian and Iraqi governments, IS has published annual reports since 2012 containing facts and figures of its military exploits. Details run to thousands of military operations including roadside bombings, sniper hits, the burning and bombing houses and places of worship, assassinations using silenced weapons and small arms such as knives.

Q: What is a Caliphate?

A: A caliph is a successor to the Prophet Muhammad and he rules a caliphate, an Islamic political entity governed by Islamic law. Modern national boundaries are deemed (correctly) to be non-Islamic constructions and hence the hugely symbolic act of dissolving the Iraq-Syria border. The Ottoman Empire constituted the last caliphate until it was abolished by Mustafa Kemal (Ataturk) in 1924.

Q: Who are the Sunni?

A: The majority of Muslims worldwide are Sunni but in Iraq Sunnis are a minority; roughly 20 per cent of the population are Sunni Arabs (a slightly smaller percentage is a different ethnic group, Sunni Kurds). Sunni Islam was the official religion of the Turkish-led Ottoman Empire which governed Iraq before World War I. Sunnis have historically dominated government in independent modern Iraq. Former Iraqi president Saddam Hussein and the inner circle of his ruling Baath Party were Sunni Muslims.

Q: Who are the Shia?

A: Shia constitute a minority of Muslims worldwide but a 60 per cent majority in Iraq; the Shia are also an overwhelming majority in neighbouring Iran – the big winner from the United States invasion.

Q: What is the difference?

A: The historic division of Shia from Sunni arose early on over the question of succession to the leadership of the Islamic community. Shia held that this ought to be limited to the family of the Prophet Muhammad beginning with his cousin and son-in-law Ali. Sunni were content to follow whoever they deemed competent.

Q: Who are the Kurds?

A: Kurds are a non-Arab ethnic group with their own language and ambitions. Kurds make up somewhere between 15 and 20 per cent of the Iraqi population.

Q: Where does the modern state of Iraq come from?

A: In its heyday, the last caliphate, the Ottoman Empire, stretched from the Balkans and North African to the Gulf and included the three provinces of Mosul, Baghdad and Basra. The League of Nations welded these three provinces into Iraq and issued Great Britain a mandate to govern in 1920 (Great Britain secured similar mandates to govern Transjordan and Palestine; France was awarded mandates for Syria and Lebanon). The British installed a Sunni monarchy under King Faisal, who had helped lead the Arab rebellion against the Ottomans alongside T E Lawrence (of Arabia). The Kingdom of Iraq gained independence in 1932.

Q: Does this have anything to do with the Iraq war in 1990-91?

A: Yes, but we have to backtrack first. The Iraqi monarchy was overthrown by a military coup in 1958. The new republic endured 10 years of upheaval until the Baath Party established a firm grip on power in 1968. Vice-President Saddam Hussein nudged aside ailing mentor Ahmed Hasan al-Bakr in 1979. A purge followed, as did the invasion of Iran in 1980 and a disastrous eight year war that cost a fortune in human life and economic ruin before ending in stalemate. An equally disastrous invasion of Kuwait in 1990 to pay for the previous war through oil revenues backfired spectacularly when the US-led coalition forced an Iraqi withdrawal. Sanctions were then imposed on Iraq for failing to disarm.

Q: What happened next?

A: The US-led invasion of Iraq in 2003 knocked Saddam Hussein, the Baath Party and the Sunni minority from power. US-sponsored elections then allowed the majority Shia to dominate government. But from 2011, Arab Spring upheaval spreading across the Middle East had Shia Prime Minister Nuri al-Maliki fearful of a Sunni-led challenge. To guard against this he promoted loyalists from within his own Shia community and particularly from his own Dawa Party to key positions in the police, the intelligence services and the army.

Q: How does this bring us back to the current crisis?

A: Maliki's actions increasingly alienated Sunni. For example, Sunni vice-president Tariq al-Hashimi was fired then sentenced to death in 2012. He went into exile in Turkey. It meant IS, a receptive Sunni community and a side-lined Baath Party had a common enemy: Maliki's Shia-dominated government in Baghdad. But in the long run this alliance between IS, ordinary Sunni and resilient Baathists (reorganized as the Naqshbandi Army), shouldn't be taken for granted. In the meantime the Kurds have taken their chances in the north and secured considerable autonomy from Baghdad; most would like this to translate ultimately into an independent Kurdish state.

Q: What is the US role in all this?

A: Besides the invasion and subsequent missteps, the Status of Forces Agreement (SOFA) concluded with Maliki in 2008 prompted withdrawal of US forces by December 2011. Last year's battlefield rout by IS led to a huge loss of military assets to the rebels thus drawing a reluctant US back into the fray. Besides the US, Iran has a vested interest in keeping the Islamic State at bay (as does the Asad regime in Damascus) so there is an unlikely alliance shaping up between former enemies.

Q: Is there any relationship to Iraqi oil?

A: Always. Iraq has the world's fifth largest oil reserves and recently stood as the world's seventh major producer. The battles in the north have included a struggle for the Baiji refinery 130km north of Baghdad. The Kurds have also taken the opportunity to seize oil-rich Kirkuk. However, Iraq's major deposits are in the south around Basra; this is Shia territory where the hard-line Sunni Islamic State could scarcely be less welcome.

Date: 06/03/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Feature; Opinion Piece



Bachelor of Arts student Adam Dagleish

Adamantly arguing for philosophy

Third-year Bachelor of Arts student Adam Dagleish has endured the jibes humanities and social sciences students sometimes attract because of their degree choice.

But the Massey University multiple scholarship winner isn't bothered – he knows such taunts are based on false assumptions and he's eager to challenge them.

Adam, 24, has recently scooped up three scholarships, including a prestigious Prime Minister's Scholarship to Asia. He leaves next week on a four-month, all expenses paid study exchange to Nagoya University in Japan.

He is one of 160 New Zealand students selected to be an ambassador at a top Asian education institution this year. He's also won a scholarship from the Japanese Student Services Organisation, and College of Humanities and Social Sciences Study Award.

Adam says that not only has studying philosophy and politics for his double major enriched his understanding of the world – and his self-confidence – but he's also gained the tools to effectively argue against common misconceptions. Like the one about the BA being a “useless degree.”

“What you learn through the study of philosophy is how to reason and see through biases and sloppy thinking – it's a great perception buster,” he says. Besides, he is the one his science and business student flatmates turn to for a dazzling word or turn of phrase for their assignments or CVs, he laughs.

“Philosophy gives you a means to figure out what's crap and what's not. You learn to question things, and not to take anything for granted – just because everybody says something is true, or is repeated in the news media, doesn't make it true.”

The former Feilding High School pupil, whose favourite subjects were drama and home economics, had had no exposure to politics and philosophy before coming to Massey. He became interested in politics “after going out on a date with a feminist and questioning her interpretation of the disparities between the sexes.

“The process of questioning that political position then led me to explore argumentation and debate more broadly, leading me to philosophy. I was always quite argumentative in high school, but not in any academic sense.

He thinks school pupils would benefit from learning philosophy, and recommends a text titled *Reason in the Real World*, by Stephen Duffin (Dunmore Publishing). It is a short, practical guide aimed at high school and university students, and anyone who wants to improve their skills in critical thinking and argument evaluation.

“The lack of politics and philosophy classes is a bit of a gaping hole in our school system,” Adam says. “How are we supposed to expect young people to care about politics when we don’t even teach them about our political system?”

He left school to train as a chef at UCOL and worked in a café, then went through a tough period after his job fell through after 18 months.

Meeting girlfriend and Massey science graduate Tania Mitchell sparked a change – she encouraged him to follow his dreams and enrol in tertiary study.

These days, he doesn't miss a chance to hone his skills over coffee, explaining how to detect flawed logic and construct a valid argument in one breath, and applying this to debates over 21st century feminism and neo-liberalism, or shifting definitions of “left” and “right” politics in the next. He is animated, articulate and, without doubt, in his element.

It's the ability to think and argue clearly, logically and coherently that the study of philosophy offers – a skill he counts as the key to future success in all areas of life from the personal to the professional.

“The BA teaches primarily transferable and non-field related skills, which employers value very highly,” he says. “While knowing a lot about history, politics or social policy may be a feather in your cap for particular jobs, developing critical thinking, writing and communication skills are always in demand regardless of the job specifics, giving BA grads a very wide pool of jobs to apply for.”

His comments are backed up by recent research undertaken by the College of Humanities and Social Sciences, which surveyed employers as well as former BA graduates about the value of the BA.

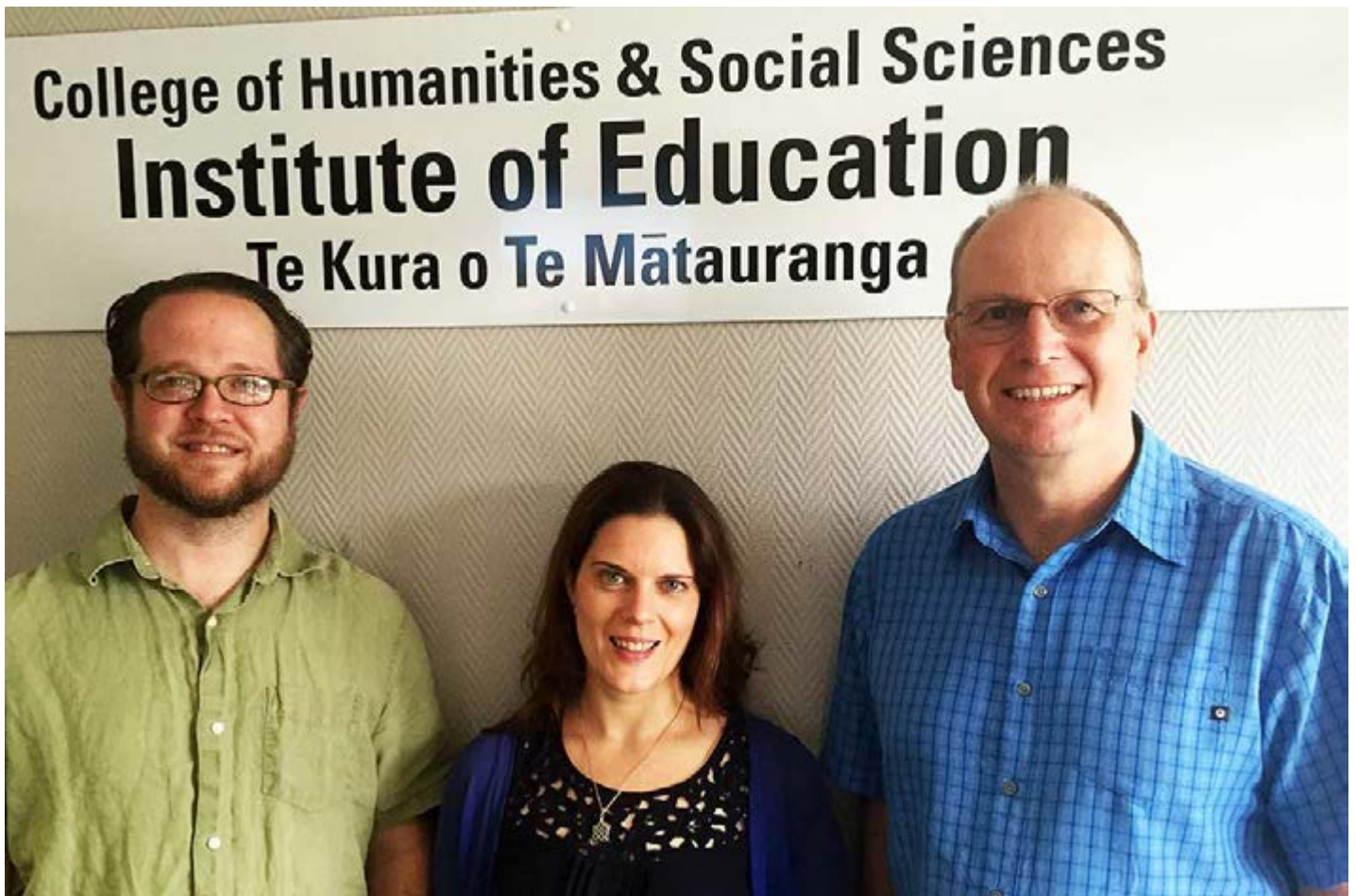
In Japan, Adam will take papers in law, culture, tourism, business, politics and Japanese language. He hopes an overseas study trip, coupled with a postgraduate qualification, will prepare him for his dream job with the Ministry of Foreign Affairs and Trade or other Government agency with international opportunities.

He plans to enrol in a master's degree to study Middle East politics at Massey when he returns from Japan.

Date: 06/03/2015

Type: Features

Categories: Awards and appointments; College of Humanities & Social Sciences; Feature; School of Humanities; Student profiles



Dr Tony Carusi, Dr Karen Ashton and Dr Peter Rawlins

Massey review says education plan needs fine-tuning

A team of Massey University education policy specialists has highlighted 11 areas of concern about the Government's proposed multi-million dollar Investing in Educational Success programme.

Institute of Education colleagues Dr Peter Rawlins, Dr Karen Ashton, Dr Tony Carusi and Evelyn Lewis investigated evidence used by the Government's working group to validate the \$359m scheme. It aims to improve student success rates by introducing new concepts such as collaboration, and sharing resources and staff across "communities of schools."

They were commissioned by the New Zealand Education Institute to review whether the government's evidence on effective collaboration, leadership and sharing of effective practice measured up in the New Zealand educational context.

Dr Rawlins says the Investing in Educational Success model ignores key evidence and research that underpins quality teaching and learning.

Among their findings are the need for teachers to be centrally involved in the planning and implementation "so that their classroom needs are at the heart of the design of the initiatives."

Dr Rawlins says his team's research shows that a student's background and out-of-school factors have the largest impact on achievement and educational outcomes. "Within the school, the teacher is the most significant variable affecting student outcomes, so it is important to get buy-in from teachers," he says.

The research also identified particular characteristics of leadership in a school that affect student achievement. Leadership should focus on planning, coordinating and evaluating the curriculum, promoting and taking part in professional learning, and providing support by observing and giving feedback to teachers, he says.

“These characteristics are central to creating a school community that learns how to improve student success and are best done by a leader who is an integral part of that school community. School leadership should extend beyond the principal to include all levels of teachers and should be genuinely distributed rather than just the distribution of managerial roles.”

He says some models of collaboration, such as corporate-driven or managerial approaches, are likely to be counterproductive in an education setting because of the effect of “contrived” rather than real collegiality.

The importance of cultural context in designing new policy was also highlighted in the Massey research, as opposed to “adopting a strategy from overseas and then contextualising it to a New Zealand setting,” he says.

The academics are presenting their findings at seminars for educators around the country this month.

Read the full report by the Massey team on behalf of New Zealand Education Institute [here](#).

Read about the Ministry of Education's Investing in Educational Success [here](#).

Date: 06/03/2015

Type: University News

Categories: College of Education; College of Humanities & Social Sciences; Government Policy commentators; Research; Uni News

Experienced strategic leader new finance head

Massey University has appointed Cathy Magiannis, of Wellington, as its new Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations.

Vice-Chancellor Steve Maharey announced the appointment today, saying he was delighted that a proven strategic leader and financial expert with broad experience across the public and private sectors will take on a key role in the University's Senior Leadership Team.

"Cathy has a track record that is second to none and she will be a huge asset to Massey University," Mr Maharey says.

Ms Magiannis is chief executive of Education Payroll Ltd, the company established last year to take over the operations of the education sector payroll. She joined the Ministry of Education in March 2013 to head the team appointed to resolve the issues with Novopay and worked directly with the Minister Responsible for Novopay, Steven Joyce, and the ministry's chief executive, Peter Hughes.

Prior to that she was chief executive of the Gareth Morgan Investments Group from February 2010 to December 2012 and, before that, the Inland Revenue Department's KiwiSaver programme director, leading the implementation of the transformational savings initiative from 2005-09.

Earlier management roles included four years in the New Zealand Treasury and six years with Ernst and Young. She has also held professional positions in Athens, Greece, and Jakarta, Indonesia.

Born in Greece and raised in Wellington, she has a Bachelor of Commerce and Administration from Victoria University of Wellington, a Certificate of Banking from the Financial Services Institute of Australasia (of which she is an Affiliate Member, is a graduate of the Government's Executive Leadership Programme, completed a Senior Executive Programme at the London Business School and is a member of the Institute of Chartered Accountants of New Zealand, the Institute of Directors and the New Zealand Institute of Management.

She will be responsible for more than 250 staff across the University's three campuses, working in Finance, Strategy and Research, Procurement, Information Technology Services, the Massey University Foundation and Commercial Operations.

She replaces Rose Anne MacLeod and will join the University in June.

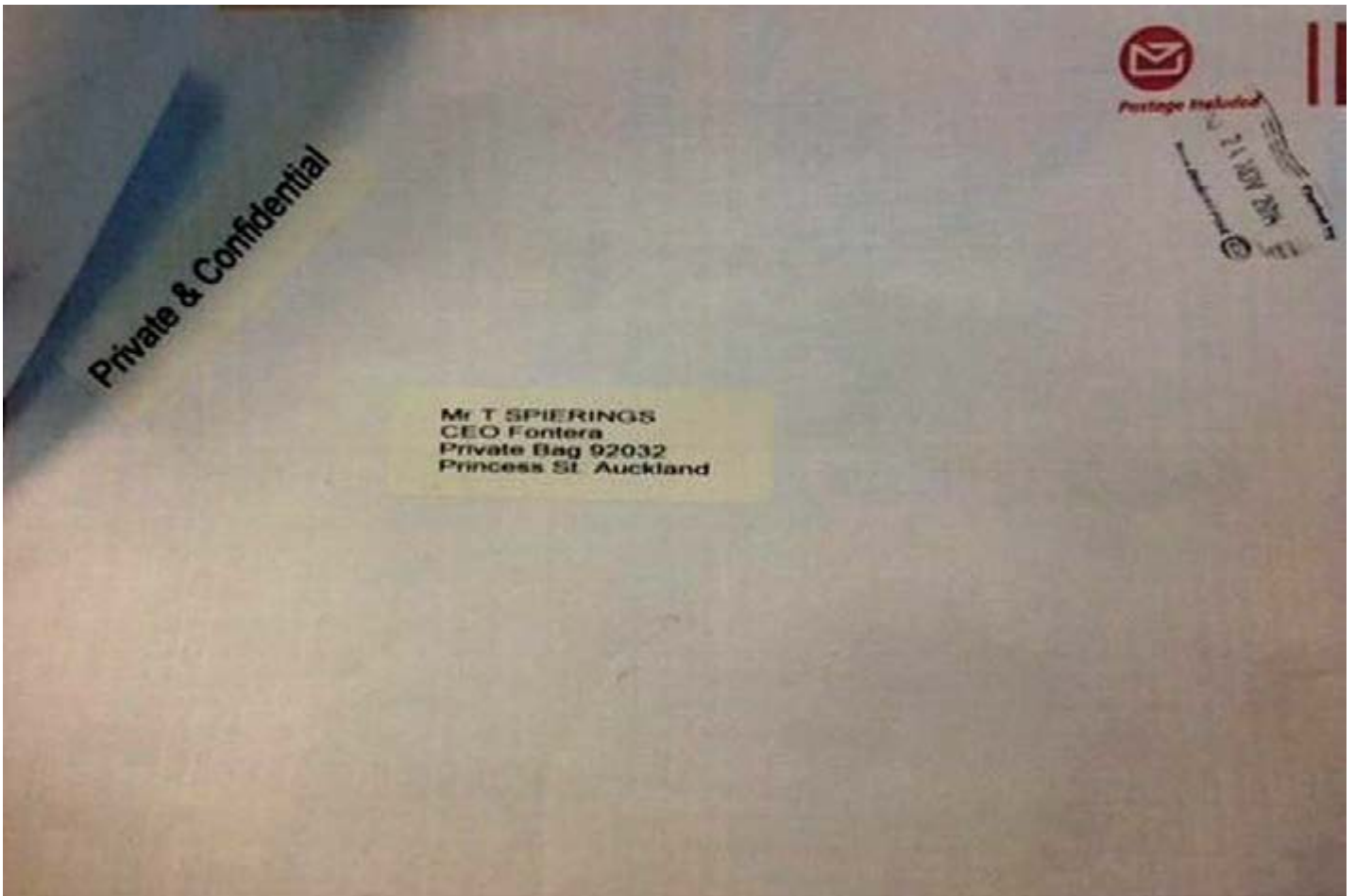
Date: 06/03/2015

Type: Awards and Appointments

Categories: Any



Cathy Magiannis



One of the letters sent to Fonterra containing the blackmail threat

Delay in communicating threat questioned

Massey University crisis communications specialist Dr Chris Galloway has questioned the delay in informing the public about the 1080 threats.

“You can understand way the authorities didn't release the information immediately, but after a short period to check out their veracity, I think most parents would have preferred to find out as soon as possible,” Dr Galloway says.

“Most people operate on a belief they have the right to know and they want to be able to make a decision about whether to stop using a product or not, even when the risk is minimal.”

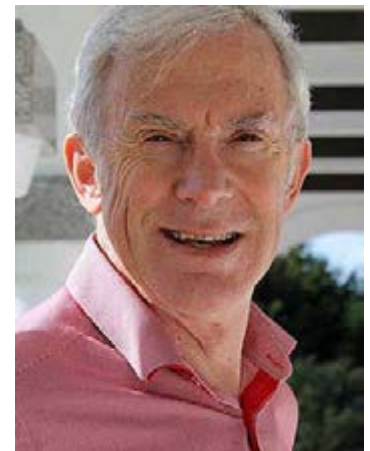
Dr Galloway says the message that the risk was low and the police were doing everything possible to monitor the threat and apprehend the blackmailer would have done more to establish trust with the public if communicated earlier.

“Announcing the threat four months after the fact puts them in a weaker position,” he says.

Dr Galloway says the agrifood sector is so critical to New Zealand's economic success that more coordinated crisis communication plans are needed.

“Key stakeholders need to have a co-ordinating action team to so they can move quickly in cases like this to minimise damage to consumer confidence.”

Meanwhile, Massey University food safety specialist Professor Steve Flint says unless the alleged blackmailer threatening to contaminate infant milk formula with 1080 works at a dairy company, it would be extremely difficult for them to access the product.



Dr Chris Galloway

Professor Flint, from the Institute of Food Science and Technology, says that other means of contamination open to the blackmailer were also limited.

“Supermarkets also have tamper-proof packaging it's unlikely they'd be able to access it that way either.”

Professor Flint says as with any threat “you can never be completely assured of safety.” However, the chance of this threat happening in New Zealand is extremely low.

Date: 10/03/2015

Type: Features

Categories: College of Business; College of Humanities & Social Sciences; College of Sciences; Explore - Agriculture/Horticulture; Explore - HEALTH; National



Professor Steve Flint



At least 10 players in the current Black Caps squad came through the cricket development programmes and competitions implemented by Alec Astle while Cricket New Zealand's national development manager.

PhD captures secret to cricket's success

With all eyes currently on the Black Caps and their bid for World Cup glory, it is easy to forget how important grassroots participation is to the ongoing sustainability of any sport.

No one knows this better than Alec Astle, who has just completed his PhD thesis on how New Zealand Cricket revitalised its sport in the face of declining player levels in the late 1990s. The organisation's player census figures show that player numbers grew from 75,479 when its development programme launched in 2000 to 112,000 players by 2012.

Mr Astle was New Zealand Cricket's national development manager for 10 years and he embarked on his doctorate to capture everything he had learned about sport development in the process.

"There's very little academic literature on sport development globally or academic training for practitioners working in community sport," Mr Astle says.

"Training to grow and develop a sport so that it attracts and retains more participants at all levels is just not available in New Zealand."

As a former teacher, deputy principal and cricket coach at Palmerston North Boys' High School for 24 years, Mr Astle was determined to produce an academic study of sport development to fill the gap. He hopes to get parts of his thesis published in academic journals and to also produce an accessible textbook for sports administrators.



Alec Astle with his Bert Sutcliffe Medal for outstanding services to cricket.

“Most sports practitioners are just too busy to undertake a project like this; I'm hoping my research will help other sporting organisations to revitalise, strengthen and grow their community-based foundations.”

Mr Astle says that in the past the national bodies of many sports focused on the development of elite athletes and teams, while their sports at a community level were predominantly run by volunteers.

“This traditional approach came under pressure from a range of societal changes, including different patterns of work, which meant people weren't able to volunteer as much anymore. There was no national system of support for people who loved the sport purely for its own sake. It was more about preparing representative players and not lifelong participation for the majority of players at all levels.”

While he was New Zealand Cricket's national development manager, Mr Astle developed a plan, programme and various pathways for players and coaches to cater for both competitive and social players in clubs and schools.

“Sports need programmes that aren't intimidating if they want to capture parents and young players. Cricket began to provide support for parents to coach and kids to play, growing their skills over time.”

He says that while the efforts of enthusiastic volunteers are irreplaceable, they need support and resources, especially if programmes are to maintain their quality across the country.

“My study shows that successful sport development requires a clear vision and leadership that takes a holistic view of the sport. You need a national plan that creates pathways for all players to develop and enjoy their sport and those pathways need to be surrounded by similarly aligned pathways for coaches, officials and administrators.

“Organisations also need to have a long-term commitment – there's no point in one-off initiatives that run out of steam because of a lack of perseverance or resources.”

Mr Astle says the sport is capitalising on the Black Caps current success at the World Cup, in part, because of the years of development work by New Zealand Cricket over the past 15 years – programmes he helped to develop and implement.

“More than half of the current Black Caps and White Ferns teams have come through cricket development programmes and competitions,” he says.

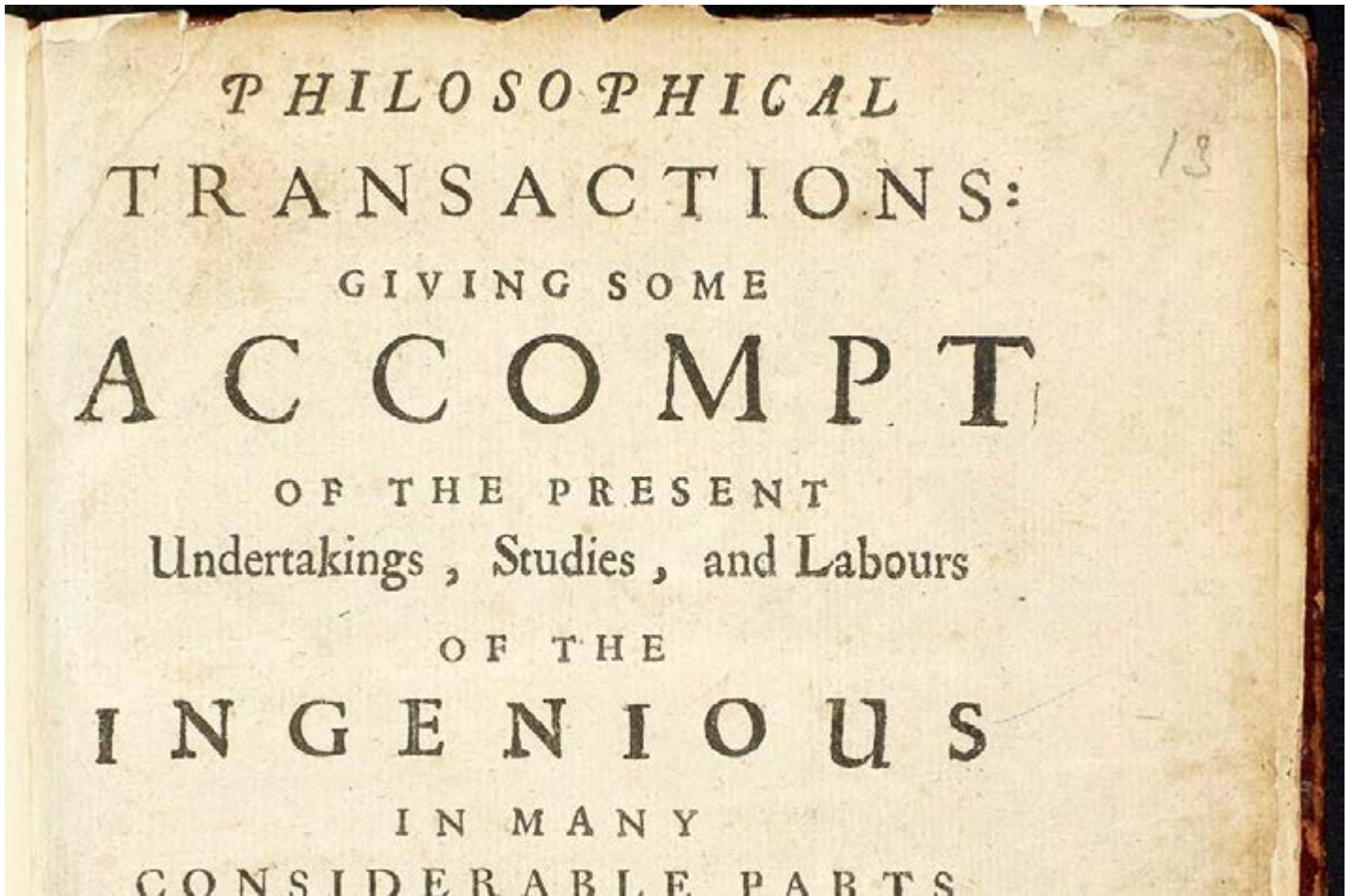
“A good sport development plan widens and deepens the base of players in a supportive environment that makes the sport fun for everyone, especially at the entry level. Programmes need to be relevant and appealing if they are to attract, nurture and retain players.”

The 2015 Cricket World Cup has come at the perfect time for the sport in New Zealand. Player participation rates are high and the intense interest in the event provides a massive opportunity to attract more players to the game, Mr Astle says.

Date: 10/03/2015

Type: Research

Categories: Home Page article; College of Business; Graduation



The first edition of the journal Philosophical Transactions B

Massey Professor invited to celebrate oldest scientific journal

Massey University mathematical biologist Professor Mick Roberts has contributed to a special issue commemorating 350 years of *Philosophical Transactions B*, the oldest scientific journal in the English-speaking world.

Professor Roberts, from the Institute of Natural and Mathematical Sciences, is co-author of a paper highlighting the importance of a 74-page paper on modelling infectious disease in insects that took up an entire issue of the journal in 1981.

Professor Roberts says this paper, by Sir Roy Anderson and Lord Robert May, highlights general theories of infectious disease dynamics – many of which he still uses daily.

“Not only was the length of the paper staggering but so was the scientific framework within it. The methodologies are applicable to a wide range of problems.”

When the journal was first established, the field of infectious disease dynamics did not exist. Now, it has been used to show the effectiveness of vaccination strategies against everything from smallpox to measles, and is integral for the current and future control of epidemics including the Ebola outbreak.

At the moment for example, scientists are concerned that climate change could bring dengue-carrying mosquitos to New Zealand. A potential solution is exploiting a bacterium that not only attacks mosquitos, but interferes with transmission of the virus. Scientists are using mathematical modelling to see if that strategy could be effective.



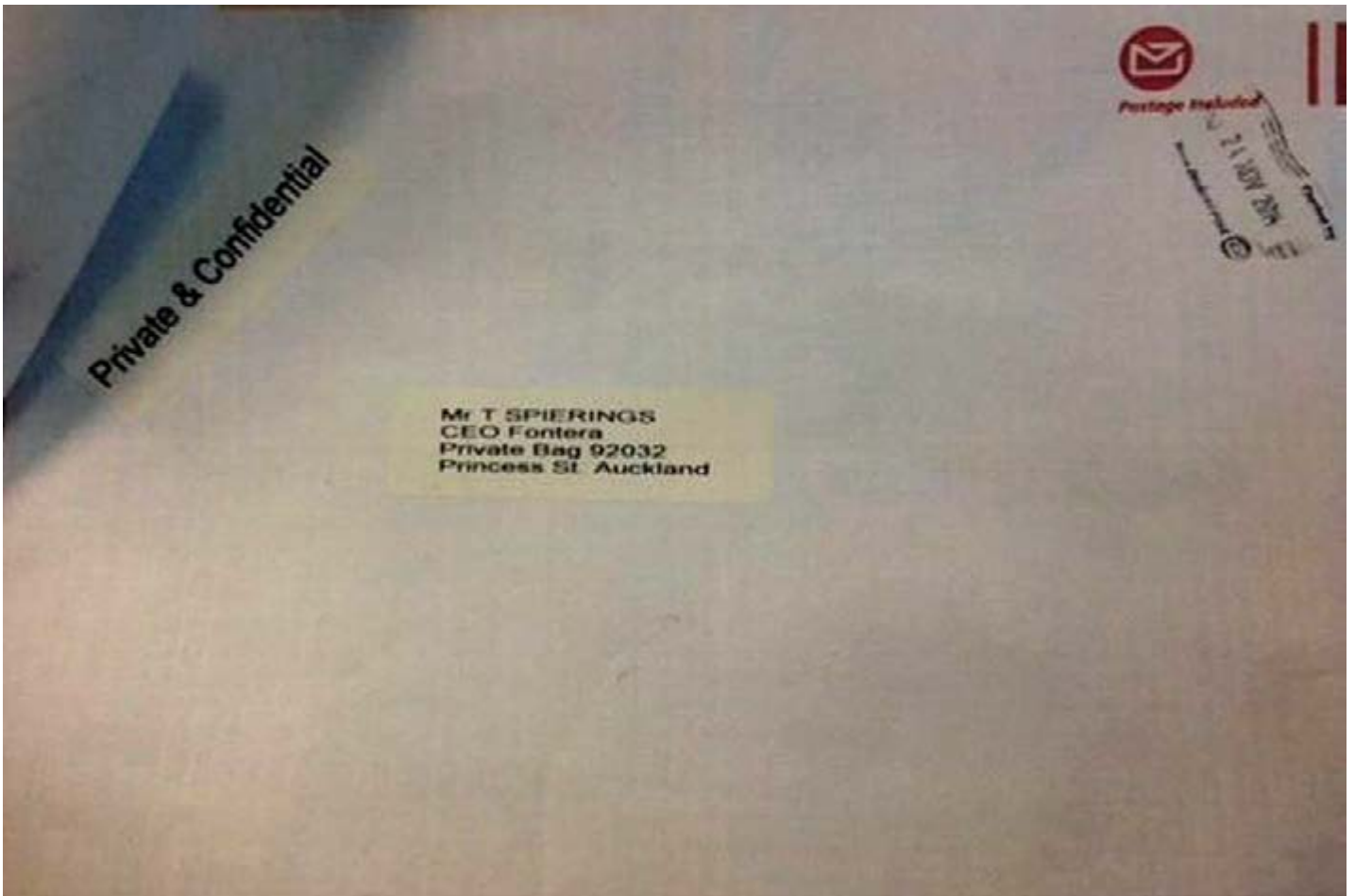
Professor Mick Roberts

The anniversary edition is available to read for free [here](#).

Date: 10/03/2015

Type: Research

Categories: Home Page article; College of Sciences; Research



One of the letters sent to Fonterra containing the blackmail threat

1080 milk threat likely to be personal, not political

The perpetrator of the 1080 infant milk formula threat is likely to be acting from a personal rather than political motivation, says Massey University forensic psychologist Dr Mei Williams.

“The threat appears to be more personal than political, and is an act of aggression to harm those he or she feels has been harmed by,” Dr Williams says.

“They may have experienced a beloved animal die in severe pain from 1080 poisoning – hence the anger towards the authorities and the desire for revenge. For this reason, I don't see it as a group but rather an individualised act, and in some ways has a similar feel of extremist groups believing the end justifies the means.”

She thinks the act appears to be triggered by a personal issue because “the person, or people, see their relationship with animals as more important than human relationships – hence the threat of harm to babies through poisoning of formula.”

Dr Williams says suggestion of the threat being linked to the loss of a pet through 1080 poisoning is a possible explanation. “For some people, pets are like family, or the pet is a like a baby or child. To lose a pet in this way, especially where there is a strong attachment, could fuel extreme emotions and lead to anti-social behaviour.”

In trying to determine how such a person might be feeling in the wake of the media storm, she says they may feel a sense of satisfaction and empowerment at having created this devastation and fear. “Obviously such person would not experience a lot of empathy for other people.”

She doesn't think the term ‘eco-terrorist’ is fitting because; “there is something honourable in that label. There's nothing honourable in what this person has done.”

“Another reason I don't see it as political so much is that the person has not thought through the ramifications of these threats, such as a backlash by the public. It's very difficult to see how you can evoke

public sympathy for such an extreme act.”

She stresses that her comments are her own opinions based on the information available, and on her clinical experience working with offenders, as well as her academic research on criminal psychology.

Dr Williams is a senior lecturer in the School of Psychology at Massey University's Auckland campus. Her research interest is in criminal psychology, with particular emphasis on theories of crime, outcome evaluation of offender treatment programmes such as sexual offending against women and children, violence and assault, and relapse prevention as well as most areas of criminal justice research. Clinical interests are also in pain assessment and treatment, neuropsychological assessments and treatment of adult mental health problems. Her PhD thesis explored the link between self-control and criminal behaviour.

Contact Dr Williams at m.w.williams@massey.ac.nz

Other Massey University experts who can comment on the 1080 threat:

Associate Professor Henry Chung – Chinese media and consumer reaction

Marketing specialist Associate Professor Henry Chung, who has studied the Chinese market for more than 20 years, is currently in Taiwan and monitoring coverage of the 1080 threat in Chinese and Taiwanese media. He is able to comment on Chinese consumer and media reaction to the threat and the potential impact on the market for New Zealand's dairy products in China. He is best contacted by email in the first instance (he is monitoring emails) at H.Chung@massey.ac.nz, and is happy to set up times for Skype and phone interviews.

Dr Catherine Strong – Reporting of the story

School of Journalism senior lecturer Dr Catherine Strong says credit should be given to the persistence of reporters in chasing the story ahead of the news conferences held by Police and The Government in response to growing media enquiries. She says if it wasn't for journalists hearing something and following the story, we may still be in the dark. "By making it a big secret, that the journalists had to extract, the Government did make it more of a story."

As the issue affected a lot of New Zealanders directly the information about the contaminant threat should not have been withheld from the public for so long. "Especially as there is no indication that the news blackout was to catch the culprit. That doesn't seem to be any closer than when the letters were sent in November," she says.

Email: C.R.Strong@massey.ac.nz

Associate Professor Jonathan Elms

Associate Professor Elms is head of Massey University's retail programme and can comment on the reaction of supermarkets in terms of added security and minimising damage to consumer confidence.

Email: J.R.Elms@massey.ac.nz

Dr Chris Galloway – Crisis communications

Crisis communications expert Dr Chris Galloway from Massey University's Business School is also able to comment on the announcement of the threat, including the delay in public notification, which he criticises. He also believes New Zealand's agrifood sector needs a coordinated crisis communication plan that includes government and industry stakeholders to deal with incidents like this if it is to minimise damage to consumer confidence.

Email: C.J.Galloway@massey.ac.nz

Professor Steve Flint – Food safety systems

Food safety specialist Professor Steve Flint, from the Institute of Food Science and Technology, can describe how the New Zealand dairy industry's food safety systems work. He says unless the alleged blackmailer works at a dairy company, it would be extremely difficult for them to access the product. Professor Flint says that other means of contamination open to the blackmailer were also limited: "Supermarkets also have tamper-proof packaging so it's unlikely they'd be able to access it that way either."

He says that while you can never be completely assured of safety, the risk in New Zealand is extremely low.

Email: S.H.Flint@massey.ac.nz

A team at the Centre for Public Health Research Centre operates a hazardous substances surveillance system

Comprising Associate Professor Barry Borman, Associate Professor Deborah Read, Helene Marsters and Fei Xu, at the Centre for Public Health Research, College of Health , they are contracted by the Ministry of Health to monitor all reports of people experiencing ill-health from being exposed to a hazardous substance such as 1080 poison. This online hazardous substances surveillance is based on GPs reporting to their local Medical Officer of Health, and then, with identifying information removed, to a central database at Massey University. Reporting by doctors of ill-health from exposure to hazardous substances is legally required.

contact: Barry Borman, 021 423 598

Email: b.borman@massey.ac.nz

Date: 11/03/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences; Opinion Piece; Uni News



King Lear (Ralph Johnson) and his daughters Goneril (Hannah Pratt) and Regan (Cassandra Cleland), on opening night.

Lear a king-hit for local theatre-goers

This year's Summer Shakespeare freak show rendition of *King Lear* in Palmerston North has been described as "clever and courageous."

Writing for the New Zealand Performing Arts Review and Directory website, John Ross complimented Jaime Dörner for his "clever and courageous directing."

He described the production, which several Massey University students are taking part in, as "one of the most successful recent Summer Shakespeares I've seen."

With three nights left in the season, Manawatū theatre lovers are being urged not to miss out, following packed audiences at last week's three performances at the Victoria Esplanade Gardens.



King Lear clings to his dying daughter Cordelia at the end of the play

Theatre lecturer Associate Professor Angie Farrow, from the School of English and Media Studies – the main sponsor for Summer Shakespeare, says it is "probably the most ambitious of Summer Shakespeare productions I've seen. The metaphor of the freak show is beautifully sustained both in the visual design of the production and in the playing.

“Costumes and prosthetics work together brilliantly to create characters from circus, and Jaime's direction calls for physical, sometimes animal-like, performances from his actors that are high energy and hugely entertaining,” she says.

Dr Farrow, who has been pivotal in organising the 13-year series of Summer Shakespeare plays in Palmerston North, says the standard of acting in *King Lear* is very high.

“There is a good mix of emerging and established actors and Jaime has a way of bringing out the truth of the characters while maintaining their immediacy and theatricality,” she says.

Reviewer John Ross concurs, commenting on how the production is “clever in its quirkiness.”

“Sure, Lear is played as both a king and a circus ringmaster. Kent becomes a kind of maybe-Indian, or maybe Egyptian, servant clown; the Fool not one but three scampering-around clowns; Goneril a bearded lady; Regan a fairground vamp; Cordelia maybe a horse-back dancer; Albany a Strong Man ... and others vaguely Edwardian circus functionaries, or patrons.

“The effect oddly is to distance the action, to slide in some meta-theatrical game-playing, and to bring the play down to a manageable scale,” he writes.

Dr Farrow says there are greater challenges in performing tragedy in an outdoor setting. “The gravity and depth of psychology needed is much easier to achieve in an indoor environment. Jaime [Dörner] compensates for this by creating an intense choreography and visual spectacle that enables even the youngest of audience members to follow.”

Read the review by John Ross on the New Zealand Performing Arts Review and Directory website [here](#).

The production is Dörner's final work as a director in Palmerston North. He is heading to Monash University in Melbourne to do a PhD on the cathartic and healing powers of theatre.

Show details:

Dates: March 12,13, and 14

Time: 7.30pm

Entry: Free

Where: [Victoria Esplanade Gardens](#), Fitzherbert Avenue, Palmerston North

Date: 12/03/2015

Type: University News

Categories: College of Humanities & Social Sciences; Exhibition/Show; Palmerston North; Uni News



Students with dyslexia are not getting the help they need

New book helps to de-mystify dyslexia

Too many students with dyslexia are falling behind because they don't get adequate support, says a Massey University professor of literacy education and co-author of a new book on the topic.

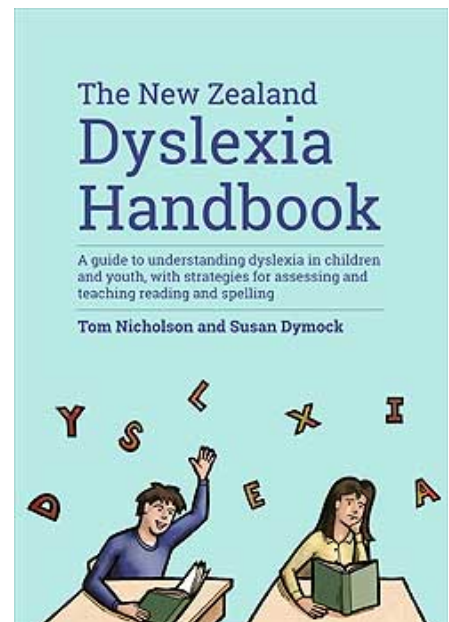
Professor Tom Nicholson, from the Institute of Education, is concerned at the lack of government progress in providing support for children who struggle to read because of the de-coding disorder that affects around one in 10 – or around 80,000 – New Zealand school-aged children.

But the rate of dyslexia could be reduced from 10 to two per cent if the right strategies were deployed in schools and at home, he says.

Titled *The New Zealand Dyslexia Handbook* (NZCER Press) and co-written with Dr Susan Dymock, from Waikato University, the book sets out to demystify dyslexia by empowering parents and teachers “at a grassroots level” with practical tips and information. These include reading and spelling tests to identify dyslexia, and language exercises to help overcome the condition that impairs the ability to de-code written language.

“There's a lack of knowledge among parents and teachers about what to do and how to help these kids,” he says. “It's a real tragedy actually, because these are smart kids we're talking about – they could be making greater gains.”

The jury is still out on the causes of dyslexia and why some have difficulties with visual or phonological processing and memorising of written words.



Cover of new book on dyslexia

Professor Nicholson says the book is an “empowering resource” designed to deal with dyslexia symptoms through well-researched methods. The research is based on working over many years with children with reading difficulties, including dyslexia, who have attended after-school reading labs at Waikato University and Massey's Auckland campus, as well as summer reading programmes in South Auckland schools.

“Improvements don't happen overnight. It can take between one and three years – but they do crack it,” he says.

While the education system provides some support – or “accommodations” – such as reader/writers for students sitting NCEA exams, there needs to be more understanding of dyslexia not just by special education teachers but throughout the teaching profession, he says.

“There are simple approaches teachers can adopt, such as extending or emphasising what they already do in the classroom,” he says.

The book's release coincides with Dyslexia Advocacy Week (March 16-22), organised by the Dyslexia Foundation of New Zealand.



Professor Tom Nicholson

Empowering students with dyslexia and their parents and teachers is something Professor Nicholson feels strongly about.

“Dyslexia is mysterious to many people, yet it becomes easy to understand once you have some information about it,” he says. “It's commonly ignored by schools and the community because of a lack of understanding, and people have taken on ideas that are not backed by research.”

The book contains case studies, profiles and stories about how students have overcome dyslexia, and comes with a DVD featuring interviews with parents, teachers and children coping with dyslexia.

Find out more about the book [here](#).

Date: 12/03/2015

Type: University News

Categories: Home Page article; Book; College of Education; College of Humanities & Social Sciences; Research; Uni News



Women celebrate International Women's Day at Massey

Women@Massey held events to celebrate International Women's Day across the Albany, Manawatū, and Wellington campuses this week.

The events brought together women from across the University to celebrate and reflect on their collective achievements, and the challenges still to face.

School of Psychology Lecturer Denise Blake shared, "I really enjoyed my first W@M lunch today, and valued the opportunity to engage more broadly with other women that work on the Wellington campus, while acknowledging International Women's Day. I came away with an empowering sense of community and camaraderie and intend to stay connected and active in the group which I think will certainly enhance my experience as a staff member here at Massey!"

International Women's Day is an excellent opportunity to raise awareness around issues facing women today in New Zealand. These issues include women being overrepresented in precarious and underpaid work, the gender wage gap, family-friendly policies in the workplace, extended paid parental leave, and workplaces that are free from bullying and sexual harassment. Women@Massey, along with the Tertiary Education Union, work to support women working in the university and promote gender equity.

"It was wonderful to be able to connect with women from different parts of the University at the W@M event. The event to celebrate International Women's Day coincided with another event celebrated at Massey earlier during the day for the Indian festival of Holi - also known as the festival of colours. The mixing of colours during the Holi celebrations denoted the unity of the human race and how we interact with this world. It was lovely to hear about this at the W@M event from Wibha Desai. Creating a sense of community and enriching

our everyday lives through connections and discovery is what it's all about," noted one woman in attendance in the Manawatu.

On March 11, Women@Massey members Cat Pausé and Deborah Russell also joined students in the Massey University Students Association panel for at Manawatū for a provocative conversation entitled The F-word: why be a feminist today?

To join, please contact the group via women@massey.ac.nz

Date: 12/03/2015

Type: Internal Communication

Categories: Any



Caption: From left, Dr William Hoverd (Centre for Defence and Security Studies New Zealand Internship Programme Coordinator), Chloe Shadbolt (New Zealand Police Intern), Ben Cain (New Zealand Customs Intern), Cameron Sigley (Ministry of Foreign Affairs and Trade Intern), Dr Nick Gilmour (CDSS New Zealand Police Teaching Fellow), Michael Reilly (Intern), Rachel Butler (CDSS New Zealand Customs Teaching Fellow) and Dr Rhys Ball (Centre for Defence and Security Studies Undergraduate Programme Coordinator). For further information about undertaking an internship please go to:

Postgraduate internships aid security sector

Postgraduate students employed in the defence and security sectors are getting career-boosting insights into how similar agencies operate thanks to [internships](#) offered at Massey University's Centre for Defence and Security Studies.

For the second consecutive year postgraduate students have been placed into internships with government agencies ranging from the New Zealand Police, Customs and the Ministry of Foreign Affairs and Trade.

The New Zealand Internship Programme tasks high performing students, studying for a Masters of International Security, honours degree or post graduate diploma, to produce a professional report into an issue of importance for their respective agencies.

Programme coordinator and senior lecturer Dr Wil Hoverd says each intern is supported by a centre staff member, or teaching fellow, with direct work experience related to the internship.

The internship programme has proved invaluable for the education and employability of the Centre's graduates across the New Zealand security sector, he says.

“All of last year's interns produced research that helped shape the direction of their agency. Indeed we were also lucky enough that several of the 2014 students found employment and promotion opportunities directly resulting from their internship.”

Please click on the link for further information about undertaking an internship.

Date: 12/03/2015

Type: University News

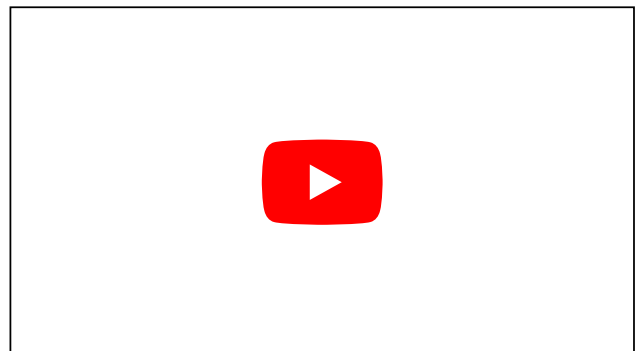
Categories: College of Humanities & Social Sciences; Explore - Defence and Security; Wellington



Revolutionary agriculture imaging and more at Field Days

Images from a new state-of-the-art aerial tool with the potential to transform farming were on show at this year's Central District Field Days, alongside the latest in sheep fertility research and food innovation.

Massey University Vice-Chancellor Steve Maharey says the tool enables farmers to manage nutrients, soils and water for each blade of grass. "The new imaging system brings precise scientific evidence to pastoral management and helps land owners ensure production systems are sustainable."



The \$500,000 Fenix hyper spectral imaging system was purchased by Massey University from Finnish company Specim. The technology is part of a Primary Growth Partnership programme between Ravensdown and the Ministry for Primary Industries (MPI) – the aim of which is to improve how fertiliser is applied to hill country.

Professor of Precision Agriculture Ian Yule was at Field Days to demonstrate what the technology can do and says the remote sensor enables New Zealand to capture unprecedented amounts of information about the nutrient content of large sections of land that may have been previously inaccessible.

"This is a game changer," Professor Yule says. "It's like turning the whole of New Zealand into a living lab, where you can observe exactly what is going on and describe it in greater detail than ever before."

Professor Yule says the tool can make New Zealand agriculture more efficient, profitable and environmentally friendly. "It would be a great advantage for accurately applying fertiliser on hill country but also great for the dairy sector. You could put the sensor over a whole catchment to show you where your hotspots are, to help determine where there is nitrogen run-off," Professor Yule says.

Other Massey expertise showcased at Field Days included the latest in breeding ewe lambs (hoggets). Members of the International Sheep Research Centre were on hand to discuss the advantages and considerations to breeding hoggets, including more lambs produced on farm, more efficient use of herbage in Spring and increases in lifetime performance.

Massey University was also featuring the latest developments from its School of Food and Nutrition – great tasting, healthy snacks with a light satisfying crunch are among the product lines available to try. These extruded products are made from beans, look great and are perfect to pop into school lunch boxes.

Alongside showcasing the research and innovation areas of the university, recruitment staff were there to discuss agriculture study options at Massey University. The field of agriculture is wide-ranging, encompassing science, engineering, technology, food, retail and much more. The potential for jobs in agriculture is also huge – with the Ministry for Primary Industries predicting the need for 55,000 jobs in the next decade.

Date: 13/03/2015

Type: University News

Categories: College of Sciences; COS Precision Agriculture; Exhibition/Show; Explore - Agriculture/Horticulture; Explore - Food; Innovation; School of Food and Nutrition

Massey's Casual Talent Pool is now open!

If you are already working at Massey and are seeking some additional hours, or you have friends and family who are seeking temporary work here, we are making it easier for you to promote what you have to offer, and for managers to find you.

We want to hear from both academic and professional services staff, from staff at any campus as well as staff who work can only work remotely.

You will need your CV handy in electronic form, and this will be available to approved managers and their support staff who are searching for temporary assistance.

To register, please visit the our Careers website – [The Casual Talent Pool](#)

All current casual staff at Massey have been personally invited to join our casual talent pool, but please feel free to distribute this email to anyone you think might be interested, including students in your area.

Over the next month we will be promoting this through People@Massey, Seek and LinkedIn, and we will continue to promote as necessary to ensure that the talent pool is well known and that this is a worthwhile resource for the University.

During the next month we will also be monitoring the uptake and ensuring that the search results are optimal, making adjustments if necessary.

The formal launch is planned for after the Easter break. By this time the talent pool should have good numbers for both academic and professional services staff.

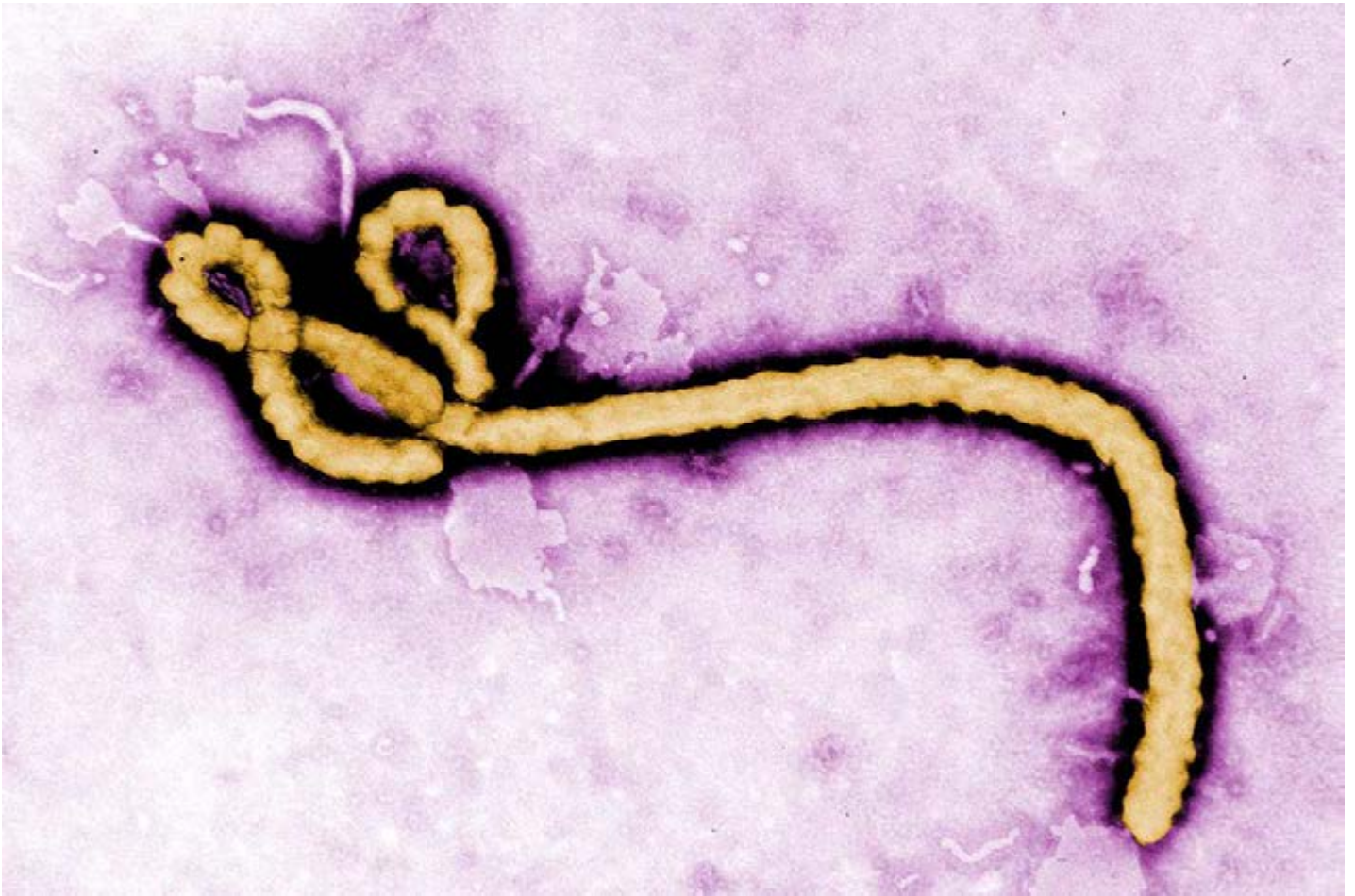
At this time we will send a further communication and instructions on how to use the functionality, and an invitation for other managers and their support staff to request access to the pool.

If you have any questions regarding this, please contact recruitment@massey.ac.nz

Date: 13/03/2015

Type: Internal Communication

Categories: Any



Mathematical modelling was used to determine effective interventions for Ebola, above.

Maths toolkit valuable for disease control

Mathematical models predicting and preventing disease spread will only be effective if scientists around the world collaborate closely, an international group of disease specialists has warned.

The group of 22 scientists and mathematicians were co-authors of a paper published today in the prestigious journal *Science*, demonstrating how mathematical modelling is a valuable toolkit that can account for factors such as emergence of new pathogens, genetic evolution of diseases and international travel.

One of them, Professor Mick Roberts from Massey University's Institute of Natural and Mathematical Sciences says the threat from infectious diseases is ongoing. "Memorable successes like the eradication of smallpox are isolated events. New emerging diseases still present a challenge – a challenge that we can face with mathematical modelling if we do it right."



Professor Mick Roberts

The paper uses the example of the recent outbreak of Ebola in West Africa and how scientists were able to predict the short-term growth of the epidemic to plan for bed capacity. When initial attempts to contain the epidemic were unsuccessful, modelling was used to determine the most effective interventions – such as setting up novel types of treatment centres.

It also highlights influenza and human immunodeficiency virus (HIV) as examples of the success of mathematical modelling for planning responses.

One of the barriers scientists face is under-reporting of cases or transmission. This is in part being solved by mathematical software becoming more accessible and often free online. Professor Roberts says the key is to continue to share more information as widely as possible.

"There is a mismatch between where scientists are and where diseases are emerging. We need to empower local scientists to collaborate with governments and other scientists around the world.

"Mathematical models will help us shape successful local and global public health policies."

Date: 13/03/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - HEALTH



HPV vaccination rates lower among the wealthy

Parents in higher socio-economic areas are less likely to allow their children to be vaccinated against human papillomavirus (HPV), new research from Massey University indicates.

HPV is a sexually transmitted infection that can lead to cervical and other cancers. A government-funded immunisation programme targets girls in Year 8 and requires parental approval.

Postgraduate researcher Karen Page who is studying with Massey's College of Health wants to find out why New Zealand's vaccination rate is much lower than other countries like Australia and the UK.

She has discovered that vaccination rates in high decile schools are 20 per cent lower than in low decile schools in the catchment area of the Whanganui District Health Board and would like to extend this research to the rest of the country.

Nationally, statistics show that uptake among Māori, Pacific and Asian populations is higher than among New Zealand Europeans.

"We don't yet know why these patterns are occurring," she says. "I'm about to embark on doctoral research that will hopefully provide some answers."

Overall only 58 per cent of Year 8 girls in New Zealand are currently vaccinated – a much lower rate than countries like the UK, at 86 per cent, and Australia, at over 70 per cent.

"This is concerning because HPV is the most common sexually transmitted infection. At some point in their lives, 80 per cent of all adults will have it," Ms Page says.

"Most of the time the virus clears, but in some instances it can become more serious."

Ms Page, a Whanganui-based public health specialist, is seeking parents and health workers to complete [surveys](#) so that she can continue her research, looking further into why vaccination rates are lower in certain demographics.

“My aim is to look at the who, where and why parents are declining this vaccination for their children, and to examine the attitudes of health professionals towards the vaccine.”

Those wishing to complete the survey can contact Massey's Centre for Public Health Research at 04 380 0602 or email Ms Page k.page@massey.ac.nz.

Background notes

The rates for Year 8 girls completing all three doses of the HPV vaccination last year in New Zealand are as follows:

All – 58%

Maori – 62%

Pacific – 71%

Asian – 63%

Other (mainly NZ European) – 52%

The following data relates to the Whanganui District Health Board catchment area only:

Low decile schools (the lowest quintile) consent rate: 74%

High decile schools (the highest quintile) consent rate: 54%

Urban area consent rate: 69%

Non-main urban area consent rate: 65%

Often the HPV infection clears on its own, but some strains can linger and lead to cancers of the cervix, anus, vagina, throat and in men, the penis. Cervical cancer is the fourth most common cancer in women, killing more than 270,000 women annually around the world, according to the World Health Organisation.

HPV also causes genital warts and respiratory papillomatosis, and may increase the likelihood of adverse pregnancy events for women that have had treatment for cervical cell changes (i.e. miscarriage, low birth weight and prematurity).

HPV immunisation is free for girls and young women in New Zealand up to their 20th birthday. It is available through participating schools or from family doctors, local health centres and some Family Planning clinics.

Date: 15/03/2015

Type: Research

Categories: College of Health; Research; Research - Health and Wellbeing



Winners of the Massey University Innovation Award (from left) Jayne Pescini, Darcy Fogden and Mark Pescini.

Technology key to creating sustainable farm

The use of innovative technology on a difficult block of sandy and peaty soils has seen Tangimate farm owners win the Massey University Innovation Award at this year's Horizons Ballance Farm Environment Awards, held last Thursday.

Mark and Jayne Pescini own a 318 hectare dairy property near Waitarere Beach and work closely with herd manager Darcy Fogden to create a dairy farm for the twenty-first century.

The couple uses a range of technology to produce their high quality milk. The newest is an automated herd management system called Tru-Test MilkHub, which allows all 400 cows on the farm to be milked by one person, as well as automatically gathering information on the health, weight and milk yield of each cow twice daily.

Judges said the farm also deals well with the challenging coastal environment by planting and managing grasses effectively. This comes easily to owner Mark who says "I don't really know anything else, I came here when I was four."

Tangimate also do their part for the environment by protecting native trees and historic Maori eeling channels located on the site.

For their win, the Prescinis and Mr Fogden will receive a fees scholarship to further their professional development, through a short course or period of private study at Massey University to the value of \$1000.

The overall winners on the night were Hugh, Judy and William Akers and Laura Oughton from Broadlands Station. William Akers and his fiancée, Miss Oughton, took over the farm in 2012, with Miss Oughton using her valued agronomy knowledge to manage the farm according to soil-type and contour. Miss Oughton gained her Bachelor of AgriScience in agronomy from Massey University and now works for Agriseeds.

The Ballance Farm Environment Awards recognise and celebrate good farm practices which promote sustainable land management through an annual awards programme. It is run in 10 regions across New Zealand, through the New Zealand Farm Environment Trust.

Other winners included:

- Supreme award, Beef + Lamb New Zealand Livestock Award, Donaghys Farm Stewardship Award: William Akers and Laura Oughton, Hugh and Judy Akers, Broadlands Station, Ashhurst.
- Ballance Agri-Nutrients Soil Management Award: Margo and Alistair Robertson, Robell Farming Limited, Bulls.
- Hill Laboratories Harvest Award: Paul and Lisa Charmley, Te Rehunga Farms Limited, Dannevirke.
- LIC Dairy Farm Award, PGG Wrightson Land and Life Award and Waterforce Integrated Management Award: George and Ellen Bartlett, Feilding.
- Horizons Regional Council Award for the Integration of Trees: Marsh Kibby, Tony Groome, Levi Forestry Limited, Pongaroa.
- The Margaret Matthews Trophy for Commitment to Sustainability: John and Jean Ellison, Monowai, Norsewood.

Date: 16/03/2015

Type: Awards and Appointments

Categories: Alumni; Awards and appointments; College of Sciences; Environmental issues; Explore - Agriculture/Horticulture; Innovation



Vice-Chancellor Steve Maharey with medal winners Jane Haste, Alex Buchanan, Graeme Milne and Andrew Cameron

Fonterra a winner at Defining Excellence event

The inaugural Massey University Partnership Excellence Award was presented to Fonterra Co-operative Group at a gala dinner in Auckland last Thursday.

Four Massey graduates were also presented with distinguished alumni medals for service, achievement and significant accomplishments in business or professional life.

Vice-Chancellor Steve Maharey says the University's relationship with Fonterra is nearly nine decades old.

"In 1927, the predecessor to the Fonterra Research and Development Centre — the New Zealand Dairy Research Institute — was established from the Massey Agricultural College's Dairy Research Laboratory," Mr Maharey says. "It was led by Professor William Riddet, whose name lives on in the Riddet Institute – and for nearly nine decades, Massey and Fonterra people have worked together on numerous projects around the world.

"Both organisations are recognised for excellence in food and food process innovation, particularly in food material science, health, nutrition, protein quality and powder technology. We also work together providing education that benefits industry and develops entrepreneurial capability – here and overseas. It's a partnership that ultimately helps New Zealand to manage and maximise its resources for a sustainable future in a rapidly-expanding global food industry."

The Partnership Excellence Award was presented by *New Zealand Herald* business editor Liam Dann and Assistant Vice-Chancellor External Relations Cas Carter.

The Defining Excellence Awards celebrate the achievements of Massey's alumni and staff in research, teaching, professional achievement and community service.

The supreme award – the Sir Geoffrey Peren medal – was presented to Synlait chairman Graeme Milne, a biotechnology graduate with an extensive career in the dairy industry. Mr Milne is currently chairman of

seven organisations including Synlait and the Rural Broadband Initiative.

The Distinguished Service Achievement Award was presented to Red Cross nurse Andrew Cameron. Known for asking for the hard-to-fill positions, Mr Cameron has worked in Kenya, Sudan, Iraq, Yemen, South Ossetia in Georgia and Afghanistan. He is only the second recipient of the International Red Cross Florence Nightingale Medal, and holds an Order of Australia medal as well.

The Distinguished Achievement medal was presented to Dr Alex Buchanan, an Australian food technology pioneer, and creator of the Australian Milk Biscuit, which has fed malnourished children in developing and war-torn countries for over 25 years. He was the first Australian Liaison Officer for the ASEAN Australia Economic Co-Operation Programme, and helped establish the quarterly ASEAN Food Journal, where he was honorary editor from 1986-95. He was awarded an Order of Australia Medal (AM) in 2009.

Distinguished Young Alumni Award winner Jane Haste is a director of Manawatu-based Blue Couch Consultancy. She has worked in mental health care for many years, focusing on the treatment and promotion of women, youth and children's mental health, and helping with the professional development of social and health service professionals.

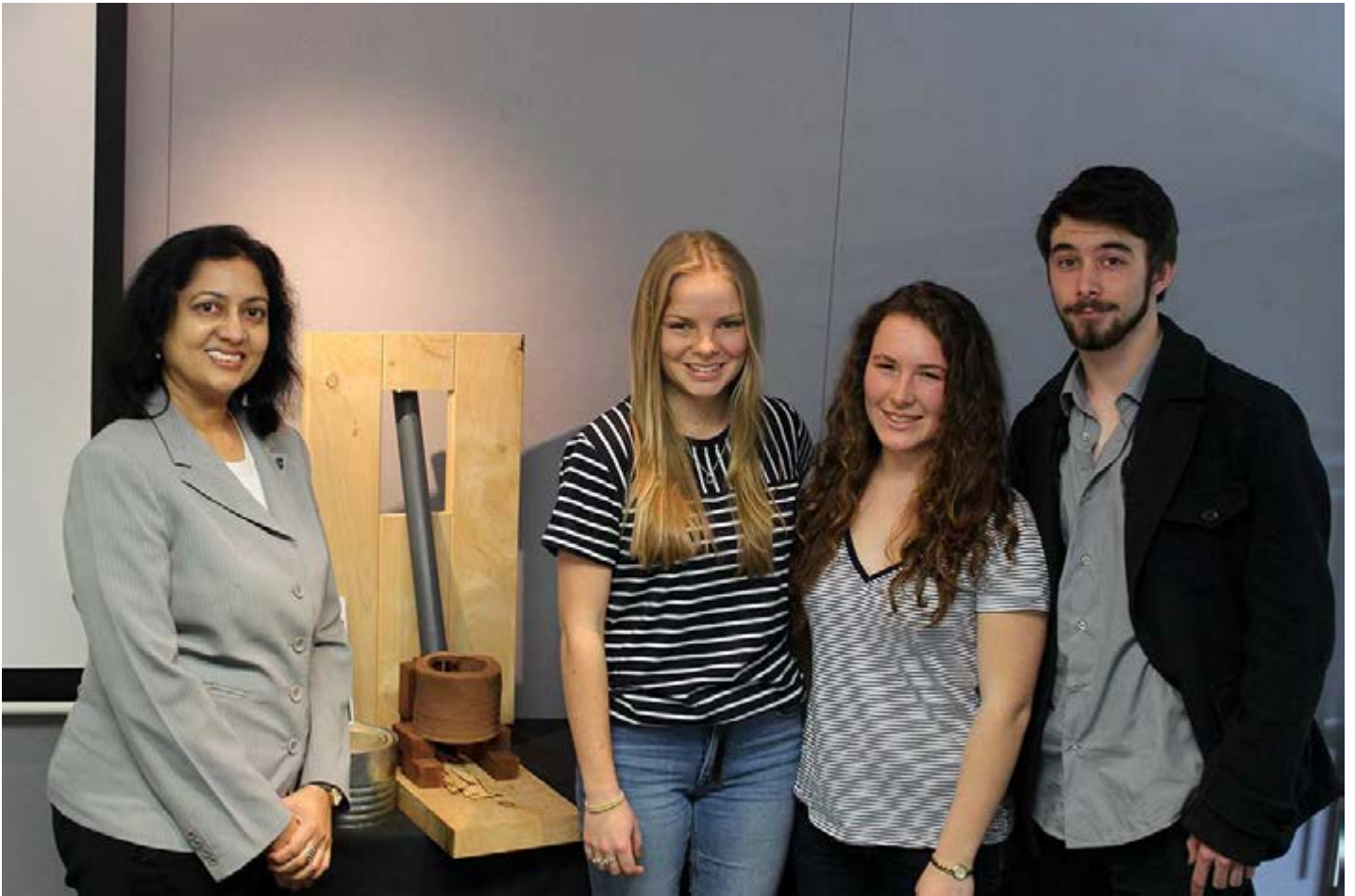
Massey University teaching support and academic staff also received awards for teaching and research excellence.

For pictures from the Defining Excellence Awards, go to the [website](#).

Date: 16/03/2015

Type: Awards and Appointments

Categories: Home Page article; Alumni; Auckland; Awards and appointments; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Explore - HEALTH; International; Massey Foundation; National; Palmerston North; Uni News



From left: Dr Aruna Shekar, Demi Noakes, Lydia McGlashan and Nathaniel McTaggart

Kiwi engineering team takes out Australasian prize

Taking on their Australian counterparts in a first-year engineering challenge has seen three Massey University students come out tops in the annual Engineers Without Borders (EWB) Challenge.

The team, comprising Demi Noakes, Lydia McGlashan and Nathaniel McTaggart, also won the 2014 New Zealand EWB competition – the first time a team including women has achieved this, and the third time a team from the Auckland campus has won. It was the perfect way to round out their academic year.

The team's supervisor, senior lecturer in the School of Engineering and Advanced Technology (SEAT) Dr Aruna Shekar says it was an incredible achievement.

“We are so proud of Demi, Lydia and Nathaniel for winning the EWB Challenge against their Australian counterparts. They had to explain their concept to a panel of experienced judges, which would have been very nerve-wracking,” she says.

The group created a practical stove solution which vented smoke from cooking outside their homes, using affordable items easily obtained in the region. Smoke inhalation from cooking is a major health hazard in Nepal.



The winning stove design

“The students were able to empathise with people in a Nepalese village, and really put themselves in that context,” says Dr Shekar. “We have found that students who actually understand the problems well come up with better solutions. In this case, these students learnt that Nepalese women and children spend many

hours gathering firewood for cooking and spend most hours in a cramped kitchen full of smoke. Hence they were keen to create a better stove that also fits well into the Nepalese lifestyle.”

Ms Noakes and Ms McGlashan flew into Melbourne on the day of the presentation, while Mr McTaggart arrived two days earlier. They had to get brochures and presentations printed on the way to the awards presentation.

“I actually wasn't as nervous in Melbourne as I was for the Auckland finals,” says Ms Noakes. “We were more concerned about getting the prototype into the country, and getting to the venue, that it wasn't until we turned up that we realised we were presenting in half an hour.”

Competition for the prize was fierce, and the team didn't think they had a chance.

“There were three prizes up for grabs – a sustainability award, the People's Choice award, and the overall award,” says Ms McGlashan.

“There was an all-girl's team that the judges loved, and we genuinely thought they were going to win,” says Ms Noakes. “They named them first – they won the People's Choice award, and the Sustainability award, and I thought they were going to have a clean sweep. Before they announced the overall winners, the judges said it was clear who the winner was and they were trying to decide between second and third, and I thought maybe we got second or third, and then they named us as the winners and we just sat there...”

“We just had looks of shock on our faces,” says Mr McTaggart.

“I just sat there for what felt like ages, and I'd already started feeling really disappointed, and I was already deciding what flavour ice cream to have on the way home... when they named us – and after that the whole thing went really quickly – we got up, and got the certificates and it was all over,” says Ms Noakes.

The team received certificates for their prize along with an all-expenses paid trip to Melbourne, and an impressive addition to their CVs.

“It was pretty cool to win,” says Ms Noakes.

“And the fact that our stove could be implemented in Nepal is pretty amazing,” says Mr McTaggart.

The competition is part of a first-year engineering paper, which provides students with the opportunity to learn about design, teamwork and communication through real, sustainable, affordable and cross-cultural development projects. EWB New Zealand works with developing communities to create sustainable, positive change through humanitarian engineering projects. All the student reports submitted for the EWB Challenge are given to the community partner to support their development.

Now back at university and in their second year of their engineering degree, the three are focused on where they want to work when they graduate.

“I'd like to work for a robotics company, and eventually create my own company to use robots for humanitarian purposes,” says Mr McTaggart.

“I'd like to work overseas, but I'm applying to the Air Force to become an officer,” says Ms Noakes.

“I want to major in product development and see where that leads me,” says Ms McGlashan.

Associate Professor Jane Goodyer from SEAT says the team's achievement is exceptional.

“As Massey is one of four universities heading the world's first Twinning and Networking Programme of the United Nations Educational, Scientific and Cultural Organisation (UNESCO) in humanitarian engineering, this result shows what students can do to help under-served communities, when we provide them with a learning environment to explore such possibilities.

“Our distinct project spine that runs throughout our degree enables students to practice engineering in a multitude of environments, creating more grounded engineers that employers want,” she says.

For more information on Engineers Without Borders, go to their [website](#).

Date: 16/03/2015

Type: Awards and Appointments

Categories: Home Page article; Applied Learning; Auckland; Awards and appointments; College of Sciences; Feature; International; National; Student profiles



Massey University accounting student volunteers for the new Palmerston North Community Accounting initiative. Nadine van der Spuy is on the far right of the front row.

Community Accounting a win-win initiative

Massey University accounting students are providing free financial advice to community groups in Palmerston North through a new initiative that will improve the skills of both parties.

The Community Accounting initiative is being coordinated by the Palmerston North Community Services Council (PNCSC) with the support of Massey University, Palmerston North City Council, Department of Internal Affairs and the local branch of Chartered Accountants Australia and New Zealand.

Top second and third-year accounting students from Massey will volunteer their time, under the supervision of a chartered accountant, to run clinics and training sessions for community groups and their treasurers.

Project coordinator Michelle MacManus, from the PNCSC, says many community groups in Palmerston North have highlighted financial management by as an area they require assistance with.

“These organisations depend on volunteers and sometimes people find themselves in the treasurer’s role even though they don’t have a financial background, so increasing capability in financial management has long been a request,” she says.

Professor Fawzi Laswad, the head of Massey’s School of Accounting, says the school was keen to come on board because of the value the experience would offer accounting students.

“It is a great opportunity for students to gain some practical experience, develop new professional skills in a real-world environment and be good citizens,” he says. “I’m sure there will be long-term benefits for them as they build networks with local organisations and chartered accountants and add valuable experience to their CVs.”

Fourteen students have been recruited for the pilot programme, with others lined up to join the scheme in the second half of 2015. Local community groups have jumped at the chance for a free consultation, with the first clinics snapped up as soon as the booking system went live, Ms MacManus says.

Clinics are designed to address specific problems or knowledge gaps, which community groups identify at the time of booking. During the session, a team of four students consults with each client on a one-on-one basis. The students then formulate their response, first checking the information they are providing is correct with a chartered accountant, before presenting back to the client.

Third-year accounting student and team leader Nadine van der Spuy has just completed her first clinic and found it to be “a really great learning experience”.

“I really enjoyed it and there was a good outcome as the client went away reassured she was on the right track,” Ms van der Spuy says. “I got an insight into how not-for-profits work and others in my group had their first experience of dealing directly with a client.”

She says she volunteered for Community Accounting to gain additional experience and to give back to her local community.

“At the end of the year I want to look back and feel I've contributed to my group, that we have helped each other gain the most out of this experience, and also helped bring about some positive outcomes for the non-profits in our community.”

Palmerston North community groups interested in attending a Community Accounting clinic can book online at <http://bit.ly/community-accounting> or call the PNCSC offices on (06) 354 3809. The programme is also seeking additional chartered accountants to supervise students.

The clinics take place on Mondays from 5-7pm at the Department of Internal Affairs offices, corner of Main Street and The Square, Palmerston North.

Accountancy programmes at Massey:

[Bachelor of Accountancy](#)

[Bachelor of Business Studies \(Accountancy\)](#)

Date: 17/03/2015

Type: University News

Categories: College of Business

Career and volunteer expos on campus

A week of volunteer and career expos at the Wellington and Albany campuses respectively has ushered in a busy time of such events for the University's Career and Employment Services.

The Wellington campus last week played host to a Volunteer Expo while at Albany the annual Accounting and Finance Expo was a key event with some of the biggest names in the sector including Deloitte, Ernst and Young, KPMG and PriceWaterhouseCoopers in attendance.

More than 20 charities attended the Wellington volunteer expo resulting in more than 600 students signing up to volunteer at organisations ranging from the Mary Potter Hospice, the Wellington Zoo, the IHC and the SPCA.

Career development consultant Grant Verhoeven says it was great to see so many students connecting with community organisations.

“Volunteerism looks great on their CV and is one of the best ways to make them more employable. “

More volunteer expos are planned for Palmerston North and Albany on May 13. Palmerston North will also host a careers expo on May 7. More details of these, and the wealth of other career-related activities on offer, can be accessed through the 'Events' tab on [Massey CareerHub](#).

The Service is also reaching out to distance students and the launch video for this campaign can be accessed [here](#). In addition to hosting [careers workshops](#) in Hamilton, Napier, Christchurch, New Plymouth and Dunedin, online information and resources have, and are, being developed for distance students on a range of career-related issues.

Date: 18/03/2015

Type: University News

Categories: Auckland; Exhibition/Show; Fin-Ed; Wellington



Caption: Rachel McCarthy from Mary Potter Hospice, one of more than 20 organisations that attended a volunteer expo at the Wellington campus encouraging students to offer their time for a good cause.



Dr Thom Conroy

‘Off the Page’ puts writing on the radar

Connecting Manawatū people to “the beating heart of book culture in New Zealand” – that’s the aim of a refreshed Massey University literary series to kick off at the Palmerston North City library this Friday.

Co-organiser Dr Thom Conroy, from Massey University’s School of English and Media Studies, says Off the Page marks the 10-year anniversary of its popular Writers Read originally conceived by Associate Professor Bryan Walpert, who is a co-organiser for this year’s series. A revamp with a new format and title will give fresh impetus to the event, Dr Conroy says.

Off the Page will run sessions throughout the year on poetry, the short story, writing for the stage, and historical fiction at the Palmerston North City Library, along with masterclasses by two of the country’s top writers.

As a taster to the new series, a panel of writers will share their writing and insights at Friday’s event titled Manawatū – Writing In/Writing Of, chaired by award-winning poet and Spanish Language programme leader Dr Leonel Alvarado. It is sponsored by the university’s W H Oliver Humanities Research Academy.



Friday’s panel chair poet Dr Leonel Alvarado

Guests on the panel are poet Johanna Aitchison, Massey University historian and author Dr Geoff Watson, history doctoral student Fiona McKergow, and poetry, fiction and drama writer Vivienne Plumb.

Dr Conroy, author of historical novel *The Naturalist*, which held the top spot of the Nielsen Weekly list for adult fiction for weeks, says the name change from Writers Read to Off the Page signals “a shift in the feel

and excitement of the series.”

“Rather than just hearing a single writer read his or her work, we now have the chance to hear these words in context, to capture a panel of writers in conversations with each other and the audience.

“Our hope is to get New Zealand literature off the page and into the living room of the city,” he says. (The 'living room of the city' is the Palmerston North City library's slogan). “We hope the series will help connect the Manawatū to the beating heart of book culture in New Zealand.”

Dr Conroy envisages the panel format will “liven things up and give local audiences the chance to hear our country's top writers talk about the issues that define contemporary writing,” he adds.

He says this Friday's event is a reminder of “how much good writing goes on in our own backyard.”

In upcoming events in the series, the short story panel in April will see the return of renowned short fiction writer Owen Marshall. He will teach a masterclass at the library the following day.

The poetry panel in May features recognised New Zealand poets, including Robert Sullivan, Lisa Samuels (feature poet in the latest Poetry New Zealand journal) and recent Massey PhD graduate and New Zealand Post Book Awards finalist Sarah Jane Barnett. It will be chaired by Dr Walpert, an award-winning poet whose latest collection, titled *Native Bird*, is due out in April.

The writing for the stage panel in August will be chaired by award-winning playwright and Massey University theatre lecturer Associate Professor Angie Farrow, along with three of New Zealand's most important playwrights, including the nationally-recognised Stuart Hoar, who also teaches script-writing at Massey.

The historical writing panel in September will be chaired by Dr Conroy, and will feature top historical fiction writers such as Graeme Lay and Paula Morris, as well as Wellington writer, poet, and publisher Mary McCallum.

“There's no question that the newly-minted Off the Page is going to be a stupendous series that links our region with the best of New Zealand writing in every genre, and I hope the community turns out in droves so that we can keep this tradition going for years to come,” Dr Conroy says.

Event details:

Title: Manawatū – Writing In/Writing Of

Date: Friday, March 20

Time: 7pm (6.30pm for refreshments)

Venue: Palmerston North City Library

Date: 19/03/2015

Type: University News

Categories: College of Humanities & Social Sciences; Creative Arts; Uni News



New research from Massey University's Professor Leo Paas shows thin models are not appealing to most consumers.

No business case for skinny models in advertising

France – the home of couture – is on the verge of banning very thin models from runways and fashion spreads. Should the legislation be passed the fashion industry has little to fear, says a Massey University marketing researcher.

Professor Leo Paas says it's well accepted that skinny models in advertising campaigns can damage the self-esteem of female consumers, but his research also shows they can damage a company's bottom line.

Professor Paas recently led a unique research project where young female participants were shown advertising images featuring either a very thin model or a healthy-sized model. In the photos, the models wore either a bikini or a skirt and top.

The results showed the adverts featuring the healthy-sized model were more effective at every level. The adverts using the very thin model were a turn-off to many.

“The healthy-sized model was considered more attractive, the advertisement was viewed more positively and considered ethically acceptable, and the intention to buy the featured product was higher,” Professor Paas says.



Professor Leo Paas.

“The strongest negative reaction was generated by the the thin model wearing a bikini, presumably because it was easier to see how just thin she was. This was an interesting result because it is generally believed that thinner models represent the Western ideal of beauty and are deemed more attractive.”

In a follow-up study Professor Paas tried to identify the 'optimum' model size for an advertising image as far as consumer preference is concerned. Various versions of an advertisement were created where the model was digitally manipulated to represent a range of body sizes.

"We found that consumers preferred what I call the 'golden mean' – a healthy-sized model who was neither too thin nor too large led to the most effective advertisement," Professor Paas says. "This confirmed that if companies use very thin models their advertising will be less effective with mainstream consumers."

He says that while the survey results showed the images featuring larger models were also less effective, it doesn't mean that 'backlash campaigns' that use larger models can't work. Dove's 'Campaign for Real Beauty', which uses women of varying sizes who were not previously professional models, is a good example.

"Without any context an intermediate-sized model works best, but in campaigns like Dove's where they are making a statement, larger models can really work in their favour from an ethical standpoint.

"Dove receives valuable and positive word of mouth for its campaigns, but they do have a first mover's advantage. I think if this approach became very common, then it might lose its effectiveness, but Dove will always be associated with that gesture."

Professor Paas says the fashion industry may believe its products hang better on a very thin model, but this is probably the view of a small and targeted group.

"Marketers that use very thin models either have a perception of their audience that is not correct, or they are listening to a small group of fashion leaders who reside in Milan or Paris," he says. "The research shows the views of this very small minority don't work for a mainstream advertising campaign."

Meanwhile Professor Paas is watching developments in France with interest.

"It will be interesting to see whether the ban, if implemented, changes French perceptions of the ideal body size – if less very thin models appear in the media, will it lead to fuller figures becoming the ideal?"

Date: 19/03/2015

Type: Research

Categories: Home Page article; College of Business



‘Remarkable’ professor retires after 45 years

Massey University's longest serving academic, Professor of Animal Physiology Heather Simpson, has retired after 45 years on staff and more than 50 years at the university.

Professor Simpson started her PhD in 1965 and, after completing it in 1969, joined the staff part-time while raising her two children. She then became a part-time lecturer in 1976, then a full-time senior lecturer in 1994, an associate professor in 2000 and was promoted to professor in 2007.

Her teaching roles have involved educating virtually every vet to have graduated from New Zealand since the course was first offered.

She has seen the veterinary degree grow over this time and says interests have changed.

“We started with about 30 students and now we are at over 100. People used to come in and say ‘I’m doing vet because I come from a sheep farm’ now they’re saying ‘I want to be a vet because of my love of my pony or cat’.”

She says her fondest memories are of meeting and getting to know students “especially in the smaller practical classes. Those classes were a lot of fun.” She has developed relationships with students from all over the world.

Professor Simpson has also served on numerous committees, including the University Research Committee and chaired the Palmerston North Research Committee. She was patron of the Veterinary Students Association, supervised 16 doctoral and 5 doctoral students and has more than 60 publications.

Her research has focussed on the biology of parasites found in the gut of sheep, an area she says is both an important health problem and interesting because it requires an understanding of “the relationship between two organisms and the struggle between them”.

Head of the Institute of Animal, Veterinary and Biomedical Sciences Professor Paul Kenyon says Professor Simpson has had a highly successful teaching and research career. "She has taught pretty much every Bachelor of Veterinary Science class since we started offering the degree. She is such an integral part of our team."

Her husband, Dr Bruce Simpson, says he is extraordinarily proud of what his wife has achieved. "Biased as I might be, she is a remarkable woman. Not only did she love to mix with students, she worked with scientists across many disciplines."

The previous longest-serving academic staff member was chemist Professor Sylvia Rumball, who had completed 42 years when she retired in 2009. College of Sciences Pro Vice-Chancellor Professor Robert Anderson also retired this week after 44 years with Massey.

Professor Simpson will continue to help her current PhD students and has an honorary position with AgResearch. However now she also has more time for her other interests: tending to her orchids, stamp and shell collections, and getting to the golf course more often.

"I have plenty of things to keep me occupied."

Date: 20/03/2015

Type: University News

Categories: Home Page article; College of Sciences; School of Veterinary Science

First woman on Massey University Council dies

Margaret Keeling, the first woman to sit on the Massey University Council, died in Levin last Friday, aged 80.

Mrs Keeling was a Council member from 1977-85. She also worked as a junior lecturer in History at the University from 1964-65.

Born Frances Margaret Budge in Taumarunui, she was educated there and at Baradene College in Auckland, where she was head girl in 1951.

She graduated with a Bachelor of Arts from Auckland University College in 1955, gained a Diploma in Teaching from the Auckland Teachers Training College the same year and taught at secondary schools in New Zealand and in England.

She then graduated with a Master of Arts (Hons) from Victoria University of Wellington in 1963.

In 1966 she married Alan Keeling, a sheep and beef farmer from Manakau, south of Levin. They had three sons and two daughters. She held positions on the Manakau School Committee, the Otaki College Board of Governors, the Plunket Society Horowhenua Branch and was Levin Branch president of the Save the Children Fund.

When appointed to the Massey Council by Governor-General Sir Denis Blundell, she told the Evening Post newspaper she had played a full part in all forms of farm management and would bring a rural aspect of the University into the Council meetings.

"I was thrilled to become the first female to sit on the council," she said. "By the same token, I hope the appointment of women from now on will be taken as quite normal."

Her funeral was on Tuesday at St Mary's Catholic Church in Otaki.



Margaret Keeling

Date: 20/03/2015

Type: University News

Categories: University Council

Academic Board chair election

The nomination and election process for the position of Academic Board chair is under way, with nominations closing at 9am next Wednesday (March 25).

The proposer and seconder can be persons with a recognisable stakeholder interest in Massey University, and not necessarily a member of Academic Board.

For more information regarding the nomination process please contact the Massey University Council executive secretary [Paddy Nicol](#).

Date: 20/03/2015

Type: Internal Communication

Categories: Any



<http://twitter.co/masseyuni>

Massey University Twitter followers top 8000

The number of Twitter users following Massey University has doubled in the past 18 months.

The university uses the social media channel Twitter to engage with current and prospective students and to interact with the wider community.

Twitter is growing rapidly, with half a billion tweets sent each day.

It is proving an important customer service channel, with the Contact Centre dealing with twitter enquiries almost daily.

More than 100 staff members are known to be active on Twitter, including Vice-Chancellor Steve Maharey @stevemaharey and Deputy Vice-Chancellor and Massey Business School Pro Vice Chancellor Ted Zorn @tedzorn.

Massey is also active on the other social media channels, managed by the marketing team. Facebook has 33,234 "likes", LinkedIn has 13,709 followers, Instagram has 1534 followers and YouTube has 6604 followers.

Date: 20/03/2015

Type: University News

Categories: Home Page article

Mini staff survey highlights importance of local action

Assistant Vice-Chancellor People and Organisational Development Alan Davis has expressed thanks to staff members who contributed to the mini staff survey, run late last year.

The survey objective was to find out what actions are being taken in teams across the University, between the full staff survey in late 2013 and the next full survey, to be run later this year. It focused on:

- whether teams had been presented their local results from the full 2013 survey and whether there had been local action in response to those reports
- Six key measures of engagement.

The results highlight how critically important it is for teams to take action on their results, Mr Davis says. "Taking local action on your staff survey results matters. Teams that took action following the full staff survey in late 2013, saw improvements in their engagement results from the mini-survey. Those that didn't, predictably, took a dive.

"The correlation between action and ratings of engagement is not surprising. In fact, it's to be expected – the theory tells us this. Right from the get go, the approach to the survey was that local teams would take ownership of those things that they could influence and control and make a difference, while also progressing University-level actions. Some fabulous work is being done in many areas – and staff clearly appreciate this, but there is no room for complacency.

"The large proportion of staff (31 per cent) who reported being unclear about whether there had been action, is concerning and means managers and key staff involved in progressing actions need to be very active in letting teams know about actions being taken and how these connect to the issues identified in the local survey results."

Reports for the mini-survey are only to the level of each SLT member portfolio and these will enable SLT members to engage with their management teams and staff. Teams should continue to work on the underlying issues identified in their detailed reports from the 2013 full survey.

[For more information.](#)

Date: 20/03/2015

Type: Internal Communication

Categories: Any



The starting chute at Run the Night will feature plenty of glow-in-the-dark accessories

Run the Night gets Auckland moving

Massey University is gearing up for the inaugural Run the Night event, which will be held at the Auckland Domain on March 27.

Billed as New Zealand's first ever party-themed run, it promises to offer a truly unique experience and is aimed at people aged 16 and over. This type of event has proved extremely popular overseas.

Massey University director of marketing and student recruitment Vasso Koutsos says it's a chance to get Auckland moving.

"As principal sponsor of Run the Night, we know that this is a unique chance to get students and young people across Auckland moving and having fun. With the academic year underway for university and high school students alike, it's a chance to have a break with friends and relax a bit," she says.

"We're looking forward to a fun-filled evening of lights, movement, and amazing music in the beautiful Auckland Domain. It's going to be a fantastic night."

Event director Scott Rice says Run the Night is a 5km "party on the move" with thousands of lights and over 100 concert-quality speakers spread across the course in the Auckland Domain.

Gates open at 6.30pm and the alcohol-free non-competitive run/dance starts at 8.30pm.

Music is integral to the event, with ticket-holders given the opportunity to have advance input into the party playlist featuring on the night. The after-party will include a 90-minute DJ set from Rhythm and Blues duo Jupiter Project.



The social media hashtag for the event is #runthenight and participants are encouraged to follow @MasseyUni on Instagram, and share their photos of the night. Winners will be picked every 10 minutes and can collect their prizes from the Massey stand.

Tickets are on sale now, with a limited run of tickets selling at \$25. For more details, check out the [website](#).

Date: 20/03/2015

Type: Features

Categories: Alumni; Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Creative Arts; Exhibition/Show; Explore - HEALTH; Feature; International; Music and campus life



Randstad puts Massey back in top 10 of NZ employers

Massey University is back in the top 10 of New Zealand's most attractive employer brands, based on the annual survey conducted by the employer branding and recruitment agency Randstad.

Massey was ranked 8th based on a survey of more than 7000 New Zealanders' perceptions of the nation's 150 largest organisations. Results were announced at an awards ceremony in Auckland last night.

In previous surveys, Massey ranked fifth in 2013 and 11th last year. In both those years it won the education sector award as the highest ranked employer in the sector. This year there was no award in that category. Had there been, AUT University, ranked fifth overall, would have taken it out.

This year's winner was the Department of Conservation, ahead of Television New Zealand (last year's winner), followed by Customs, IBM, AUT, Coca-Cola Amatil, ASB, Massey, Ministry of Business, Innovation and Employment and the University of Auckland. Other universities in the top 20 were Otago (17) and Victoria (19).

Assistant Vice-Chancellor People and Organisational Development Alan Davis attended the awards on Massey's behalf, along with Assistant Vice-Chancellor External Relations Cas Carter and marketing and student recruitment director Vasso Koutsos.

Mr Davis says the public perception of Massey as a genuine New Zealand brand and a great employer is extremely valuable and a tribute to the work being done in the public arena by staff and students, as well as the important connections made in the three regions in which the university is based.

"It doesn't mean we don't have work to do internally to improve our performance as an employer and to make our workplace the best it can be."

Date: 20/03/2015

Type: Awards and Appointments



#MasseyFizzies 'surprise and delight' campaign

A retention campaign run by the marketing team is generating positivity about the Massey student experience on social media.

Even students at other universities are commenting favourably.

The Massey Fizzies campaign saw all first-year students sent a box of sweets in a specially branded box. The box also contained words of encouragement and links to academic, health and pastoral services, gyms, clubs and other student societies.

Recipients were also encouraged to win a prize by entering a competition to share a photo enjoying the sweets with the hashtag #MasseyFizzies.

After just a few days there have been dozens of entries and encouraging feedback from students and parents.

You can view the entries [here](#) and follow our [Instagram](#) account – @masseyuni

Date: 20/03/2015

Type: Internal Communication

Categories: Any

Withholding grades procedures updated

The Teaching and Learning Committee has recently reviewed and updated the Procedures for Withholding Grades.

The procedures provide guidance to staff when student grades are not able to be reported by the due date – generally because the paper requirements have not been completed by the student, though other circumstances may also apply.

The changes to the procedures include: inclusion of underpinning principles; alignment of the procedures with the relevant regulations; extension of the scope of the procedures to include research papers; and the inclusion of timeframes which are achievable and which provide equity for students.

Reporting grades on a timely basis is important for students and for the University. Any delay has implications for the academic standing of students, and the University's achievement of the Tertiary Education Commission's educational performance indicators (EPIs). For this reason, the reporting of a grade can only be delayed beyond the due date for students who have demonstrated sufficient academic progress in the paper concerned.

Full details of the approved timeframes may be found in the Procedures for Withholding Grades located under the Academic header on the [Policy Guide](#).

Date: 20/03/2015

Type: Internal Communication

Categories: Any

Institutional Review of Research under way

The 2015 Institutional Review of Research is under way. All academic staff are required to complete an evidence portfolio of the work they have done from January 2012 to June this year.

This needs to be completed by July 1 this year. The review will provide advice and guidance to staff on the progress of their research programme(s), to help support researchers in the development of their research trajectories and to provide planning guidance to the University.

Information on the review may be [here](#) and any questions should be directed to research strategy and policy manager [Sian Wright](#).

Date: 20/03/2015

Type: Internal Communication

Categories: Any



Professor Bruce Glavovic

Coasts – the front line of climate change

The sound of waves, an ocean view, a beach at your doorstep – these might define the ultimate lifestyle choice.

But who will pay for the sea wall to keep those seaside mansions and holiday homes safe as sea levels rise? What about public beach access? And how long would it provide protection anyway?

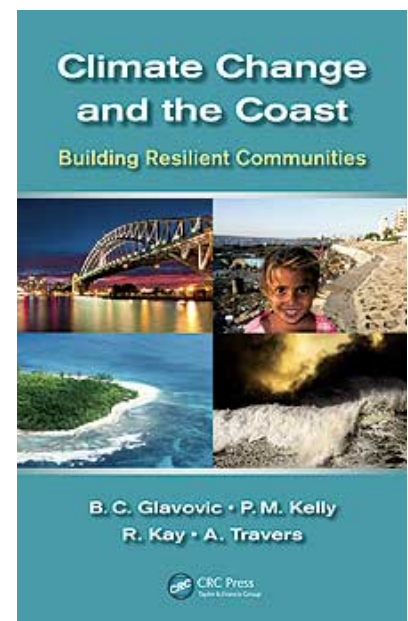
Are there other options we can explore to realise the many benefits of our coasts in an era of climate change?

Rising sea levels and other climate change effects are forcing a major re-think of coastal planning approaches here and abroad, says Massey University natural hazards planning expert Professor Bruce Glavovic.

The recent devastation in Vanuatu by what's been described as the worst tropical cyclone ever to hit the Pacific is another timely reminder of the extent of damage wrought by weather extremes, says the co-editor and contributing writer of *Climate Change and the Coast – Building Resilient Communities* (CRC Press).

The new solutions-focused book highlights the need for New Zealand communities and councils to adapt, to be more “nimble” in devising legislation and planning provisions, and to embrace new concepts such as “adaptive pathways” and “managed retreat” – or long-term re-location of housing away from exposed coastal sites – in the face of a changing climate.

The concept of “reflexive adaptation” is introduced – capturing the principle of critical self-reflection and self-correction as coastal communities deal with change, uncertainty, surprise and contestation.



Book cover

These are among ideas canvassed in the book, which explores the potential impact of climate change on millions of coastal dwellers globally – including case studies in Auckland's Mission Bay and Kawakawa Bay. It draws lessons from 21st century coastal management experiences across the globe, from settings as diverse as New Zealand, Australia, Britain, southern Africa, the Maldives, Bangladesh and Vietnam.

Contributing international writers from diverse disciplines assess what measures governments, councils and communities are taking, or not, in the face of climate change impacts that compound already pervasive impacts resulting from rapid population growth and development intensification.

Realising the benefits of living at the coast in a changing climate requires “flexible and adaptive governance arrangements to allow us to make informed decisions as things unfold”, says Professor Glavovic, based at the School of People, Environment and Planning at the Manawatū campus.

“The impacts, risk, costs and benefits of alternative pathways are not evenly distributed and preferred solutions will be highly contested,” he says.

So what are the mechanisms in our planning and legal systems that allow us to air these issues, and to discuss and think creatively about charting the best possible pathway for coastal communities?

“There is a real need for leadership at a national level, and active and authentic engagement of local communities to develop solutions that build adaptive capacity, resilience and sustainability,” Professor Glavovic says.

He says the book aims to provide practical guidance, based on real-world experience, to people involved in coastal community planning and decision-making – from infrastructure engineers, community development workers, planners and public administrators to coastal scientists and elected officials.

“The reality is that our coasts are incredibly valuable, treasured and special places – not just in New Zealand but around the world, so they attract people,” he says.

“They are also places that are layered with risk because of storms, flooding, and various naturally occurring processes. And because we literally want to live on the beach, in an era of climate change some of these hazards are becoming more pronounced: the coast *is* the front line of climate change.

“If we don't find practical and effective ways to deal with climate change at the coast, we're not going to deal with it very well elsewhere.”

Read about Bruce Glavovic's research [here](#).

Date: 24/03/2015

Type: Features

Categories: Home Page article; Book; College of Humanities & Social Sciences; Environmental issues; Explore - Planning; Feature; FutureNZ Environment; Research; Research - Resource dev and man; Uni News



Associate Professor Elspeth Tilley with design students Lena Aziz and Aimee Brennan, who both worked on the 'It's My Life' smokefree campaign concepts.

Youth smokers fired up to quit

Massey University's 'It's My Life' smokefree campaign proves that young people are most responsive to messages created by their peers, says project leader Associate Professor Elspeth Tilley.

One year on from the 'It's My Life' competition, which asked young New Zealanders to create a poster, video or app to inspire their peers to support a smokefree New Zealand, the impact of the campaign has been measured by Massey researchers.

Over 7000 Massey University students were surveyed before the campaign started and nearly 5000 students were surveyed afterwards to see if attitudes to smoking had changed. The results were clear – the desire to quit smoking increased, while tolerance of the tobacco industry decreased.

Dr Tilley says the campaign's success was due to the fact that it was created by youth, for youth. Massey University design and communication students were recruited to design the 'It's My Life' campaign and website, promote the competition and run a series of Smokefree Summits.

"The innovative difference of our campaign was that young people, themselves, designed and drove it, which has never been tried in New Zealand before," she says.

In the baseline survey, just under 60 per cent of people who smoked more than five cigarettes in the preceding fortnight said they wished they could quit. Fifteen months later that figure had risen to over 65 per cent.

Within the 'It's My Life' target age group (16-24 year olds) there was an even more pronounced increase in the desire to quit – from 50.2 per cent to 58.4 per cent. The Wellington Campus Health Service also experienced a significant spike in smoking cessation enquiries during the quarter that coincided with the campus' Smokefree Summit.

The other statistically significant result, Dr Tilley says, was the change in attitudes towards the tobacco industry. The baseline survey found that under 43 per cent of respondents thought tobacco companies should pay for the total health costs of smoking. When respondents were surveyed 15 months later, over 45 per cent thought they should pay.

“We were surprised at the relatively low awareness New Zealand youth had of the tobacco industry when we conducted our first survey, especially when compared to youth overseas,” Dr Tilley says. “But you can see that attitudes are changing, and increasing numbers of people are starting to attribute responsibility for the health effects of smoking to the companies that produce the product.”

Dr Tilley says the ethos of the ‘It’s My Life’ campaign was effective because it didn’t point the finger at smokers.

“I think these results absolutely vindicate the positive, supportive way the students chose to design the campaign,” she says. “They never blamed smokers for becoming addicted; they celebrated self-empowerment and made it clear that the choice to say ‘no’ to smoking is about being assertive, positive and in control of your own life.

“That made it quite distinct from messaging that preaches death and gloom, and I think the young people who created that difference should be extremely proud.”

Dr Tilley hopes the work of Massey’s design and communication students will be just the beginning.

“Now that we’ve tested the idea of youth-led social change with Massey students and seen how effective it can be, the next stage is to encourage other young New Zealanders to become part of the global youth smokefree movement.”

Date: 24/03/2015

Type: Research

Categories: College of Business; College of Creative Arts; College of Humanities & Social Sciences



Professor Ross Hemera retires

The College of Creative Arts has farewelled Professor Ross Hemera (Ngāi Tahu, Ngāti Māmoē, Waitaha), who is retiring after a distinguished career as an artist, designer and arts educator.

Professor Hemera was the college's Kaiwhakaahua Māori and its first Professor of Māori Art and Design. He has been with the University and its predecessor organisation in Wellington, Wellington Polytechnic, since 1994.

Professor Hemera is moving to Tauranga, where he will have a purpose-built studio at home for the first time: "All my life I've worked in garages and parts of houses," he says. "I really want to put my head down on some creative projects, especially around the Ngāi Tahu aesthetic, which has not been extensively explored from a visual perspective."

Professor Hemera says he expects initially to be doing "a lot of drawing, following an iwi kaupapa rather than an academic one". He also plans to be available to share his experience with people from the creative communities and especially Ngāi Tahu.

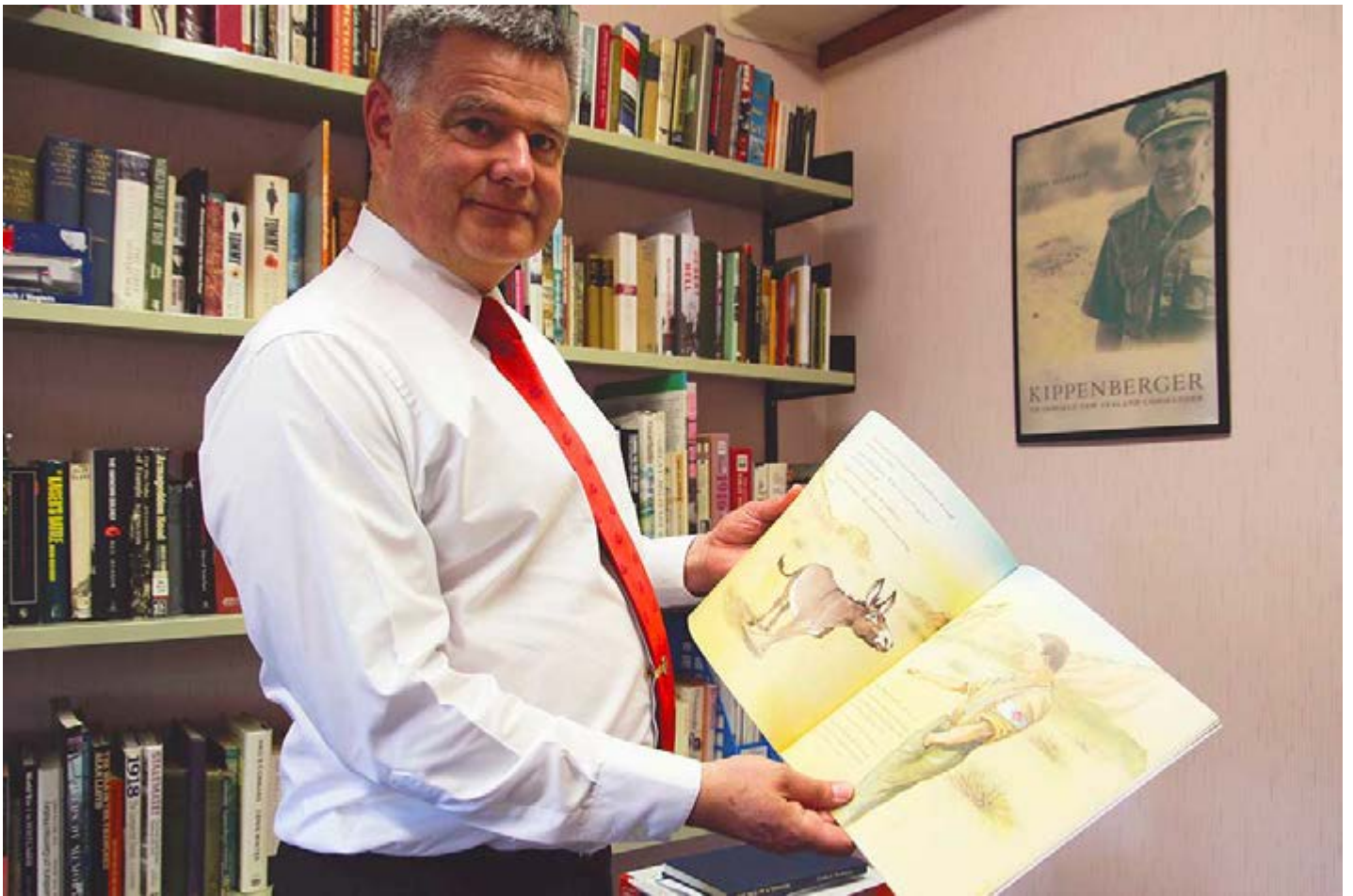
Professor Hemera's works are creative expressions of contemporary Māori pattern, design and imagery, and expand the tradition of Ngāi Tahu visual culture. Specifically, they reference the ancient imagery of Waitaha, Ngāti Māmoē and Ngāi Tahu within the context of Taonga tuku iho, a process involving the transmission of knowledge within a spiritual framework.

He has held an extraordinary array of professional service positions from PBRF review panels to NZQA unit standards development to the New Zealand Stamp Design Council.

Current memberships include Aho I Te Rangi, Ngāi Tahu Māori Weaving Trust; Ngā Aho: Network of Māori Design Professionals; and Paemanu: Ngāi Tahu Contemporary Visual Arts.

Date: 24/03/2015

Type: University News



Professor Glyn Harper with his latest children's book

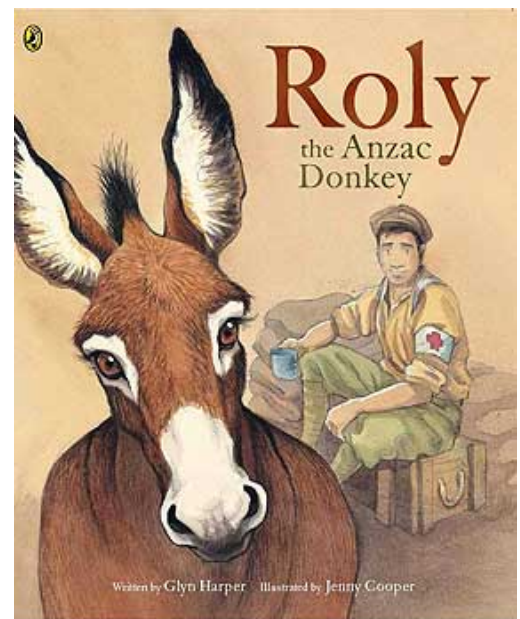
Gallipoli for children in donkey tale

War is a difficult topic. But *Roly the Anzac donkey* (Penguin NZ) shows how storytelling based on an animal character can powerfully yet sensitively convey the horrors, hardships and heroism of war to younger readers, says children's author Professor Glyn Harper.

The professor of war studies at Massey University, says he had to use his imagination to “think like a donkey” in order to portray the realities of the Gallipoli campaign in a way that children can relate to. The book, his ninth for children, is being launched this Friday in Ashhurst.

It is a retelling of his 2008 book, *The Donkey Man*, complete with new artwork by children's illustrator Jenny Cooper. In the new version, he describes the war experience through the eyes of the donkey.

It is based on the real donkey men, or medical corps soldiers, who used donkeys to carry the injured and dead from the battlefields of World War I. Professor Harper's donkey man is inspired by the life of New Zealand soldier Richard Henderso



Cover of *Roly the Anzac Donkey*

In the story, aimed at readers aged four to eight years, Roly is born in a village in Greece. A soldier from the British army takes him on a ship bound for Gallipoli to join the campaign against the Turks. Once there, he is put to work carrying water to soldiers fighting in the hills.

Roly describes the grim environment of Gallipoli; “*the weather was either very hot, with lots of flies, or extremely cold. There was not a lot of nice food or fresh water, and the soldiers could not wash. Many of them became sick.*”

The fears and hardships Roly encounters reflect in part what the soldiers endured too. He describes his hard life carrying heavy cans of water and being fired at by Turkish bullets and artillery shells. *“It was scary and the noise was deafening.”*

The donkeys were *“always hungry”*, and if they stumbled and fell, they were beaten. Roly escapes his cruel master and roams alone and hungry until *“a man”* finds him. He is Richard Alexander Henderson, a soldier with the New Zealand Field Ambulance, based at Anzac Cove.

Richard is kind and caring to Roly, and each day they set off to look for sick or wounded soldiers. *“Often I would feel something warm and sticky running down my back – blood from a soldier,”* says Roly.

Younger readers can empathise with the animal, because their suffering is not too far from human experiences, Professor Harper says.

A respected author of a number of war history books, he says he really enjoys writing for children. Last year, his children's book *Le Quesnoy: The story of the town New Zealand saved* – the story of the French village liberated from German occupation by New Zealand troops – was gifted to Prince William and his wife Kate for their son, Prince George, during an official visit to New Zealand.

He has more projects for children's war stories featuring animals, with a book centred on a canary. The birds were used to detect deadly gases in tunnels during World War I in France. His next children's book, due out in 2016, is based on the true story of a New Zealand woman ambulance driver in the war.

Next month Professor Harper will visit the battlefields of Gallipoli with a team of New Zealand historians who will guide participants on the Anzac 2015 100th Commemorative Tour.

Book launch details:

Date: Friday, March 27

Time: 6pm

Venue: Village Valley Centre, 21 Guilford Street, Ashhurst

Date: 25/03/2015

Type: University News

Categories: Book; College of Humanities & Social Sciences; Uni News



Vice-chancellor Steve Maharey (left), Dr Alison Sewell, Dr Trisian Farrelly, Associate Professor Ian Fuller and Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood.

Excellence awards bring out teaching's best

An education specialist, a sociocultural anthropologist and an Associate Professor of physical geography are the winners of this year's Vice-Chancellor's Teaching Excellence Awards. The awards celebrate commitment to excellence and innovation in research-based teaching, with up to four awarded each year.

Dr Alison Sewell from the Institute of Education, specialises in social studies education and primary teacher education – an area she is particularly familiar with, having been a primary school teacher before joining Massey University.

As well as teaching, she has supervised eight masters and one PhD student. Topics ranged from investigating teaching and learning in everyday contexts to how New Zealand sheep farmers learn.

She says the key to an effective learning environment is building a learning community where theory is linked with practice and research. She prides herself on being authentic and available, caring for and believing in her students, and sharing her passion with others.

“Connecting with people, challenging their thinking and supporting them as learners is a must. I teach my students about the ‘people’ focus of social studies, but also share the idea that it is relationships with people that lie at the heart of teaching.”

Dr Trisia Farrelly from the School of People, Environment and Planning lectures in sociocultural anthropology as well as being chair of the school's Teaching and Learning Committee.

Her interests are in community-based development and conservation, particularly in the Pacific. This year she will be recruiting three PhD and five master's students for a Transfrontier Peace Parks Project in Namibia and Botswana alongside Associate Professors Bob Stewart and John Holland.

Her teaching philosophy is to encourage students to open their minds to the possibility of "alternative ways of knowing and develop a deep curiosity for these alternatives."

She says she always knew she wanted to be a teacher. “As a child, I would sit my older brother and our cousins down and, having endowed myself with the role of teacher, I would ensure they successfully completed short spelling and writing tasks, rewarding them with 'free play' on completion.

Associate Professor Ian Fuller, from the Institute of Agriculture and Environment, lectures in physical geography – with a career focussed on understanding the geomorphology of river systems.

He teaches seven undergraduate papers and three postgraduate papers all centred around river dynamics or alpine geography, as well as supervising two PhD students. Five previous doctoral students are now pursuing careers in research.

He says the essence of his teaching is engagement and that his students learn best by doing. “I want to inspire students and teach them about Physical Geography by immersing them in the real world of New Zealand's landscapes and especially our rivers.”

Dr Fuller will go forward to attend the national Tertiary Teaching Excellence Awards.

Date: 25/03/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Humanities & Social Sciences; College of Sciences; Teaching; Vice-Chancellor



An Olive Ridley sea turtle is one of the species that may be affected by an oil spill in Brunei. Image courtesy of Thangaraj Kumaravel.

Oiled wildlife response expertise goes to Brunei

Wildlife in Brunei may soon benefit from New Zealand expertise in treating animals affected by oil spills through training developed and presented by Massey University scientists.

Dr Graeme Finlayson and Bridey White of the university's Wildbase Oil Response Team have just returned from a trip to Brunei where they conducted a management and rehabilitation training course. In collaboration with Spillconsult, the duo trained members of government (wildlife, fisheries and forestry) and local not-for-profits, including BruWILD and Beach Bunch.



Members of the oiled wildlife response workshop including leaders Dr Graeme Finlayson (fourth from right) and Ms Bridey White (seventh from right).

The four-day training course included a series of lectures, brainstorming workshops and scenario-based exercises. The course was the beginning of a plan by Brunei Shell Petroleum to develop capability for oiled wildlife response in the country – a much needed initiative as oil industry infrastructure and facilities are often found where wildlife, including endangered sea turtles, are found.

Ms White says this was an excellent starting point.

“We took the knowledge we have from managing disasters and treating wildlife here, like we did for the Rena disaster, to start discussions about how to apply them in Brunei. They have their own unique set of challenges to deal with, but the feeling was that they have a real drive to do something.”

Dr Finlayson says the next step is to identify local facilities and train responders so Brunei is ready for any eventuality. He says connections with the local university are a great asset and may provide the human resources they need.

“The enthusiasm is there but, at the moment, the people on the ground need to be trained and aware of the sensitivities surrounding an oil spill. With the presence of the oil and gas industry, Brunei is very safety orientated – they advertise it as being one of the safest places in the world to visit. This trip was the first step in making it safe for wildlife as well.”

Brunei has around 130km of coastline with habitats ranging from sandy beaches, islands and coral reefs to river inlets, mangroves and mudflats. In the event of an oil spill, fauna like birds, turtles, saltwater crocodiles, dugongs and even proboscis monkeys may be affected.

Date: 25/03/2015

Type: University News

Categories: Home Page article; College of Sciences; Environmental issues; School of Veterinary Science; Wildbase Oil Response



Henry Yule (left), Tori Turner, Francesca Nossell, Heather Scott, Krystal Grant, Emma Shaw and Jevan Eady. Image courtesy of George van Hout.

Grin and bare it – 10 years of naked vets

Massey University veterinary science students will mark a decade of the naked vets calendar on Monday.

The calendar, called *Barely There*, has been produced since 2006 by third-year students to raise money for charity and to celebrate Halfway Day, the mid-point in the five-year degree.

The 2015/2016 edition, covering the 12 months from July, 2015 to June, 2016, goes on sale next week with 10 per cent of the proceeds to go to Wanganui Bird Rescue, a charity that works closely with the Massey Wildbase hospital. The bird rescue centre rehabilitates injured or orphaned birds and releases them back in the wild as well as running education programmes on protecting wildlife and their habitats.

This year's project co-ordinator, student Celia Upton, says the calendar is a great chance for everyone to bond. "By the third year everyone knows each other pretty well but it's still a bit scary. By the end though, everyone is having a great time and it's awesome to see the result."

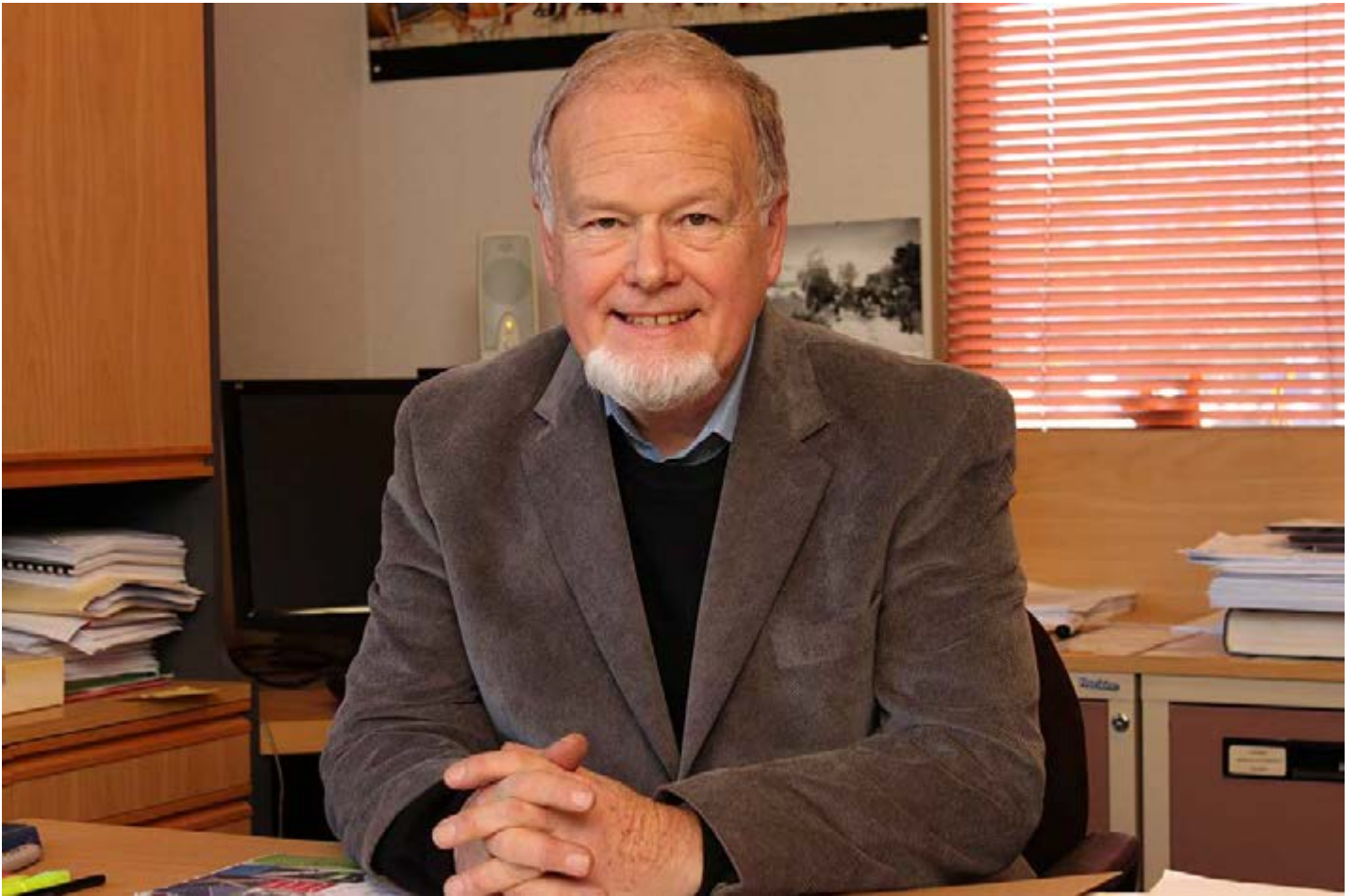
Photos for the calendar were shot at various locations all around New Zealand including Massey University and with animal co-stars like horses, sheep, goats and even a massive bull.

The photos were taken by local photographer Kevin Bills as well as Nikki Shearer in Wellington, Philippa Rhodes in Auckland's Waitakere Ranges, Eric Altermann on Himatangi beach, George van Hout in North Canterbury and Malany Turner in Woodville.

Calendars will be available at a special introductory price of \$10 on the Manawatū campus concourse on Monday from 11am-2pm. After that, they will cost \$15. They can also be purchased [online](#) for \$18, which includes postage.

Date: 26/03/2015

Type: University News



Professor Emeritus Roger Morris

NZ expertise sought on West African disease plan

One of New Zealand's leading experts in international animal disease control is in Switzerland at the World Health Organisation discussing ways to help West Africa control Ebola and a range of other epidemics.

Massey University Animal Health Professor Emeritus Roger Morris travelled to Geneva this week to help design systems to improve disease detection and management and try to prevent future outbreaks from becoming as serious as the Ebola epidemic.

Professor Morris says there is severe under-investment in health capacity, not just for Ebola control but for a range of other diseases.

He says the spread of Ebola to urban areas is largely because of local practices and problems with detection and response and it is essential to include animals as well as people in the surveillance system.

“My role is to provide advice on the animal disease component, and the integration of human and animal disease surveillance in what we call a ‘one health’ approach. This approach recognises both the potential for diseases to spread between animals and people, and the different contributions which human health specialists and animal health specialists can make to effective global disease control.”

Massey University is already a leader in applying this approach in Asia, where it has been working with nine countries. “Our experience in Asia provides valuable guidance for the development of equivalent strategies in Africa.”

The World Bank and other donors have promised significant funding to help countries in West Africa.

Date: 26/03/2015

Type: Research



ASA president Byron Brooks, Minister for Social Housing Paula Bennett and Vice-Chancellor Steve Maharey cut the ribbon.

Auckland student accommodation officially opened

The brand new \$26.2 million student accommodation village Te Ohanga was officially opened at Massey University's Auckland campus today by former student and current Minister for Social Housing Paula Bennett.

Vice-Chancellor Steve Maharey says it was a great honour to have Ms Bennett attend the ceremony.

“Paula is a great example of what a good education can do for you. She came to study here at the Auckland campus, and she had a vision of where she wanted to be. It’s really inspiring to see all the students living here on campus carrying on their own visions for their future.”

Ms Bennett was the first female MUSA (Massey University Students' Association) Albany president and was instrumental in getting the daycare centre set up on campus. She said she learned how to be political while studying at Massey University and remembers her time as a student fondly.

Master of ceremonies Michele A'Court kept the ceremony light and full of laughter as she thanked all those attending. Two residents, Sabreena Beetham and Christian Balachandran, spoke about their experiences living on campus and making the most of the opportunities in front of them. Ms Beetham mentioned the close proximity to the recreation centre and the library, while Mr Balachandran, an international student from Malaysia, talked about adjusting to a new way of life in New Zealand.

Albany Students' Association president Byron Brooks also addressed the crowd, with a few engineering facts on the construction of the project. He says the student accommodation village is at the heart of the campus, and the students are its “beating pulse”.

Te Ohanga is the single biggest construction project on the Auckland campus to date, and has a total floor area of 6,900 square metres. It consists of three halls of residence and fourteen five-bedroom apartments.

There are also 12 studio apartments, making a total of 292 beds available.

For more information on the accommodation village, visit the website:

https://www.massey.ac.nz/massey/student-life/accommodation/albany/albany_home.cfm.

Date: 27/03/2015

Type: University News

Categories: Home Page article; Auckland



Some of the attendees, with mentors and staff, from left: Jhonte McFadyen MacDonald, Te Ngauora Kerehoma-Hoerara, Alex Simpson, Wikitoria Gatonyi-TeHuia, Tiana Robinson, Teia-Rei Savage, Moera Martin, Hinewairaranga Kamura, Aurora Akauola, Lorissa Edwards, Ngawini Heretini, Tiari Nicklin, Kemp Reweti and Te Aue Addison-Te Whare.

New recruitment programme impresses young Māori

Twelve year-13 Māori pupils from Manawatū schools are part of a new year-long recruitment programme that kicked off this week.

Its first event, called A Day in the Life @ MU, was run by Māori student recruitment adviser Kemp Reweti, who says he saw the need to provide an initiative for Māori students that offered more than a single campus visit.



At Manawatahi, the Manawatū campus Māori students' association kaingara.

"I wanted to build a programme that created and connected four events for the students – one event in each school term, ending with a whānau evening in term four to ensure participants are prepared for tertiary study in 2016," Mr Reweti says.

Six current Māori student mentors were selected for the programme and spent the day with the group, who attended lectures and met up with the members of the Māori student association, Manawatahi.

"The mentors will continue to build friendships with the participants during the year via social media and continue to connect with them personally at each event every term," Mr Reweti says. "I wanted to make sure that the initiative created for the participants a strong sense of what its like to study here, and create a Massey whānau for them before they enrol, if that is what they decide to do, and showcase some of the positive Māori role models we have at Massey University."

Manawatū College Māori department head Mereana Hooker, who attended along with one of the college's pupils, says the initiative will be positive for Massey and potential students. "This programme will help Māori students build real whakawhanaungatanga [relationships] and it will further consolidate their decision to attend university in 2016, with Massey as a viable option."

Hinewairaranga Kamura, from Palmerston North Girls' High, says the event helped her see university is a natural next step in education. "It's not scary and definitely somewhere I'm thinking of going."

Moera Martin, from Awatapu College, and Wikitoria Gatonyi-TeHuia, from St Peter's College, were both impressed by the environment that welcomes Māori and provides opportunities to build good relationships. For Teia-Rei Savage, from Freyberg High School, a highlight was meeting Māori students at Manawatahi."

One of the lecturers who presented to the participants, Dr Savern Reweti from the School of Aviation, got the group to try out the motion flight simulator he developed for the school. They were clearly impressed by the technology and excited to see successful Māori students in the Aviation programme.

Another presenter, Institute of Education lecturer Bevan Erueti spoke of his academic journey and the potential pathways available to Māori students.

Mr Reweti says the next event in the programme will see the year-13 pupils attend the Celebration to honour Māori graduates that concludes the May graduation week in Palmerston North each year.

"Everyone I know who attends those ceremonies – students, staff, graduates, whānau – comes away inspired," he says. "I know I do and I hope some of that rubs off on these young people and highlights for them the satisfaction and sense of achievement they will feel when they graduate in whatever field they chose to study."

Date: 27/03/2015

Type: University News

Categories: Maori

Human ethics committees vacancies

Applications for appointment to the Human Ethics Committees Southern A and Southern B are invited from members of the academic staff based at the Manawatū or Wellington campuses who are active in research with human participants.

For Southern A, one vacancy exists. The committee would particularly welcome applications from staff that have expertise in any one or more of the following areas: law, human physiology, biochemistry and genetic markers (as they relate to research with healthy subjects in the fields of sports, exercise and human nutrition), food technology and human health. The committee meets in Palmerston North on the second Tuesday of each month between 10am and 3.30pm. Travel costs will be reimbursed for academic staff based on the Wellington campus.

For Southern B, three vacancies exist, one of which must be filled by an academic staff member who identifies as Māori. To maintain a balance of discipline expertise on the committee, applications from staff with research expertise in such fields as creative arts, psychology, business and other areas are welcome. The committee meets in Palmerston North on the Thursday following the second Tuesday of each month between 10am and 3.30pm. Travel costs will be reimbursed for academic staff based on the Wellington campus.

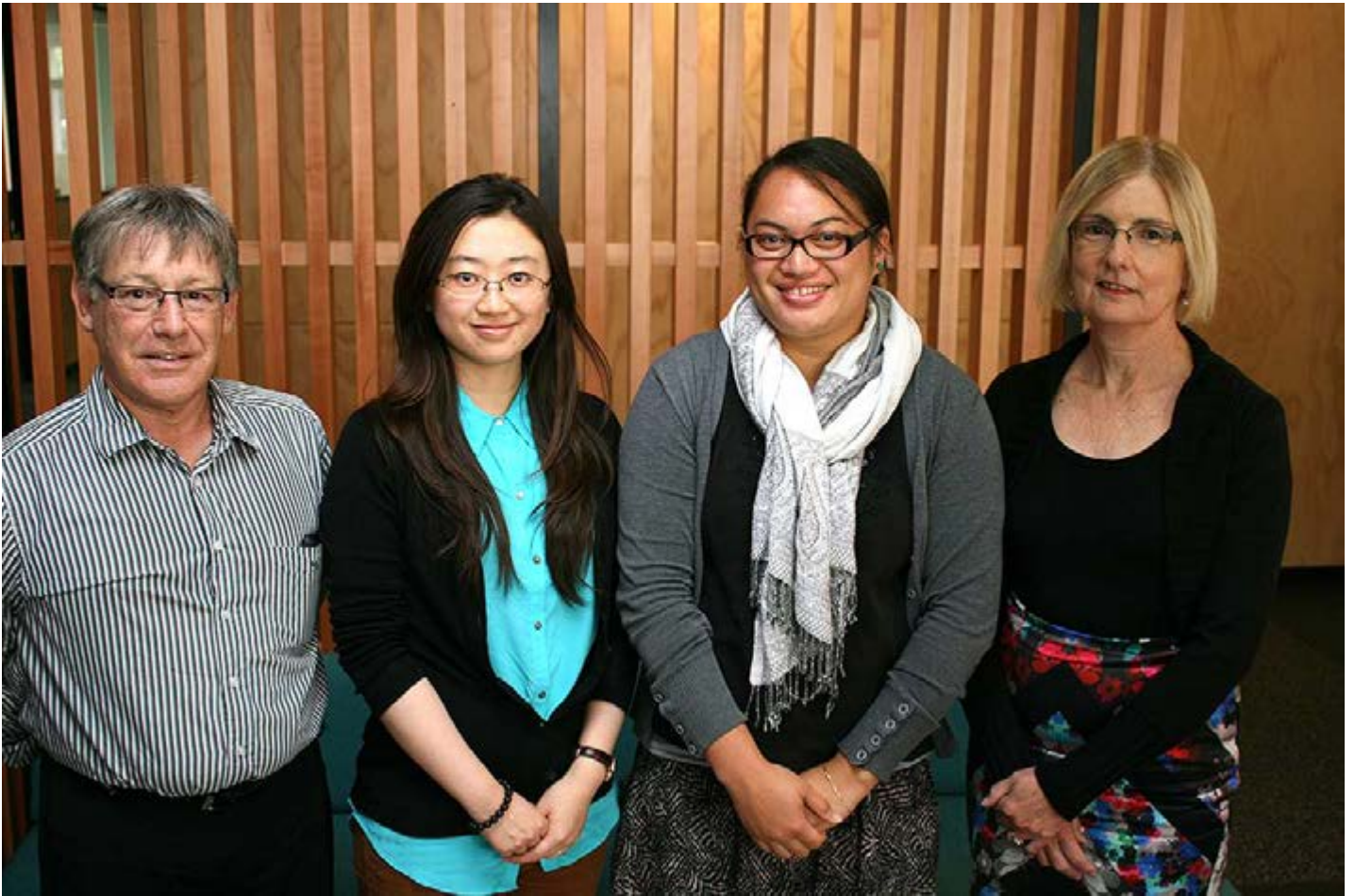
Applications should be submitted on the application form available as appendix 1 of the terms of reference, along with a brief CV. The terms and guidelines for members are available [here](#). Applicants should ensure their head of Academic Unit is supportive of their application.

Applications close on April 15 and should be sent to research ethics administrator [Patsy Broad](#) by email or post (PN123). For further information, please contact research ethics director [Dr Brian Finch](#) or phone ext 86015.

Date: 27/03/2015

Type: Internal Communication

Categories: Any



Caption: from left: Associate Professor Barry Borman, Fei Xu, Helene Marsters and Associate Professor Deborah Read.

Hazardous substances monitoring team on campus

One group with extra interest in the recent threat to contaminate baby milk formula unless production of the 1080 pesticide was stopped, is the Centre for Public Health Research on the Wellington campus.

A team of Associate Professor Barry Borman, Associate Professor Deborah Read, Helene Marsters and Fei Xu, at the Centre, which is part of Massey's College of Health, is contracted by the Ministry of Health to monitor all reports of people experiencing ill-health from being exposed to a hazardous substance such as 1080 poison.

This online hazardous substances surveillance is based on GPs reporting to their local Medical Officer of Health, and then, with identifying information stored at a central database at Massey University.

No cases of 1080 have been reported.

The tool is used to report illness and injury resulting from any hazardous exposure from, for example, lead, solvents and household cleaning products.

Reporting by doctors of ill health from exposure to hazardous substances is legally required Dr Borman says.

Date: 27/03/2015

Type: University News

Categories: College of Health; Explore - HEALTH; Feature; FutureNZ - Health; Research - Health and

Thesis research rewarded

School of Psychology senior tutor Dr Ella Kahu has been awarded the Sutton Smith Award for Excellence in a Doctoral Thesis. Her thesis explored the experiences of mature students as they transition to distance education at Massey University.

The award, first announced late last year, is named for Brian Sutton-Smith, the New Zealand-born developmental psychologist who died earlier this month. He pioneered the subject of children's play as a legitimate subject of academic study.

One examiner commented of Dr Kahu's work: "This thesis usefully expands the current thinking on what the elements of student engagement may be. It develops a conceptual model that takes thinking forward in general for tertiary education and more specifically for organisations catering for mature age distance students."



Dr Ella Kahu

Associate Professor Nick Zepke and Dr Linda Leach from Massey University 's Institute of Education with Professor Chris Stephens from the School of Psychology supervised Dr Kahu.

She will continue her part-time role in the School of Psychology while working at a distance on her Postdoctorate at the University of the Sunshine Coast.

Date: 27/03/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Humanities & Social Sciences; Research - Health and Wellbeing; School of Psychology; Wellington



Northland's new MP Winston Peters

Opinion: Winston Peters slays National in Northland

by Grant Duncan

If anyone thought that Winston Peters, at 69, was a spent political force, winding down on a parliamentary salary plus NZ Super, then they should think again.

Finishing well ahead in the Northland by-election, Peters has single-handedly terminated John Key's winning streak. While at it, he taught National some salutary lessons: take nothing for granted; put up a strong candidate; when desperate, don't show it.

Peters won 54 per cent of the vote against Osborne's 40 per cent. As expected, many who voted Labour in the last election backed Peters. Support for Labour's candidate dropped from 25.6 per cent in the 2014 general election to a mere 4.6 per cent in the by-election. The turnout was lower too, and National lost nearly 7,000 supporters who either stayed at home or followed Winston's bandwagon.

Winston will re-enter parliament as member for Northland. If he vacates his list seat, the next eligible person on the NZ First party list takes up that vacancy. This would mean that NZ First gains a seat, and National loses one. The Electoral Act does not require the proportionality that was set at the general election to be preserved following a mid-term by-election. But Peters has yet to announce whether he will add another NZ First MP or just let parliament's numbers reduce from 121 to 120.

Either way, John Key's government remains in office. National still has the numbers to ensure a majority in the House, thanks to confidence-and-supply agreements with three minor parties: ACT, United Future and the Maori Party. The latter two parties will now enjoy greater negotiating power over particular pieces of legislation thanks to the shift in numbers in the House. National's loss of one seat means that reforms to the Resource Management Act may have to be renegotiated to get majority support.

The Northland by-election should never have happened in the first place. Northlanders had reason to feel annoyed at the unexplained resignation of an MP they'd elected only six months earlier, and at being recalled to the polls. Even so, it should have been a cake-walk for National, as Northland was a safe blue seat.

But their chosen candidate was inexperienced and lacked confidence in the media when under pressure. Peters, in contrast, was at his seasoned best as a campaigner, switching effortlessly from serious critic to warm-hearted charmer. And he refrained, for once, from attacking the media.

The choice facing Northlanders was an easy one in the end. Mr Osborne is a decent bloke who would probably be a diligent MP, but he would have been consigned to the farthest back seat of the backbenches and told to sit down and be quiet.

The alternative was a rock-star opposition politician who would attack the government for all its shortcomings (real or perceived) in Northland. Once the early opinion polls made it clear that Winston was in with a chance, more supporters piled on board. It remains to be seen, though, whether Mr Peters will be able to claim credit for any developments in Northland between now and the next election.

A win in Northland strengthens NZ First in this parliament and potentially provides a base for getting back in next time. There's no guarantee, however, that Peters will stand in Northland again in 2017, or that he could retain it if he does. But his win ends the story of John Key's invincibility, and it gives NZ First options that it didn't have before.

Peters has come a long way since his party's humiliating defeat in 2008, followed by three years in the political wilderness. But he made it back onto the opposition benches in 2011, due to his effective town-hall style of campaigning.

There was intense speculation before the 2014 election about whether he would back a Labour-led or National-led government. He made no commitment because, as a centrist party, he can go either way, and he needs to keep his options open. He could well be aiming to play a role in government-formation after the next election in 2017. But don't lay bets yet on which way he would go.

In the meantime, National Party insiders will be seeking explanations for their defeat. They needn't panic, as their party has still been high in recent opinion polls nationally. By-elections are notoriously fickle, and the defeat does not threaten their majority support in the House.

The government committed tens of millions of taxpayers' dollars to fixing Northland's one-lane bridges, without getting the electoral win they thought they'd paid for. Other regions are now asking 'What about our one-lane bridges?' National will need to inoculate them against 'the Northland disease'. But first they need to learn to take nothing for granted. This taste of defeat could strengthen National's strategic thinking. Or it could be the turning point.

Associate Professor Grant Duncan is a lecturer in the School of People, Environment and Planning at Massey University. He teaches public policy and political theory at the Auckland campus, and has published a book on social policy in New Zealand. He has also published more widely in the field of public policy and public management.

Date: 30/03/2015

Type: Features

Categories: College of Humanities & Social Sciences; Election/Politics; Explore - Planning; Feature; Opinion Piece



Massey Business School Pro Vice-Chancellor Ted Zorn with Lily Wheatley and Gabrielle Isaak (Ministry of Foreign Affairs and Trade)

Ministry award for top Pasifika student

A passion and talent for economics has resulted in Solomon Islands student Lily Wheatley receiving a New Zealand Pacific Highest Achiever Award from the Ministry of Foreign Affairs and Trade.

Ms Wheatley, who completed her Bachelor of Applied Economics with the Massey Business School at the end of 2014 and is doing honours this year, was presented with the award at a special ceremony in the Russell Room, Wharerata, on the Manawatū campus on Thursday.

She says the award has enabled her not only to continue studying in her chosen field in New Zealand, but will increase her opportunities to contribute to economic development in her home country.

As well as studying in New Zealand, she's enjoyed and learned from a wealth of extra-curricular activities – including as a mentor with the Manatoa (a mentoring and leadership programme run by Pasifika@Massey, matching senior Pasifika students with first year students), as treasurer for the PI (Pacific Island) Club and volunteering with the Green Shirt Massey Guides during Orientation at the start of each semester.

The 22-year-old A-grade student says the chance to get involved in team, club and social events has been a significant part of the learning experience at university, enabling her to develop useful interpersonal skills, confidence and lifelong friendships.

“It’s about being able to meet many people from different backgrounds,” she says. “Palmerston North is a great environment and a fantastic student city.”

Moving from Honiara to Palmerston North presented some challenges initially, she says, from cultural and climatic adjustment to developing the strong organisational skills needed to cope with academic workloads and expectations.

She is considering postgraduate study in the future, but is keen to put her academic knowledge into practical use when she returns home at the end of the year. She plans to seek work in the fisheries sector in natural

resource management at the interface between the environment and economics.

Her award, administered by the Ministry of Foreign Affairs and Trade, is worth \$1500. Ms Wheatley was also on the 2012 College of Business Dean's List.

Date: 30/03/2015

Type: Awards and Appointments

Categories: College of Business; Pasifika; Scholarships; Uni News



At the Pacific Research and Policy Centre launch on Monday were Massey University Assistant Vice-Chancellor Maori and Pasifika Dr Selwyn Katene (left) , centre co-ordinator Litea Meo-Sewabu, National Party list MP Alfred Ngaro, centre co-director Professor Regina Scheyvens and College of Humanities and Social Sciences Pro Vice-Chancellor Distinguished Professor Paul Spoonley.

Public participation key to Pacific research

Public participation holds the key to the success of the Massey University Pacific Research and Policy Centre that was launched at Parliament last night, according to a government spokesman.

Guest speaker National Party list MP Alfred Ngaro, of Cook Islands descent, commended Massey's initiative in launching the centre.

He said the research opportunities with the centre presented an opportunity for the wider Pacific Island community to engage, become enlightened and recognise how research had the potential to empower.

Co-director Professor Regina Scheyvens told stakeholders from the community, as well researchers from the university, that its main purpose was to generate and share new knowledge and understandings of key issues relevant to Pasifika peoples in New Zealand and throughout the Pacific region.

This was already being done through projects such as the centre's involvement in the Small Islands Developing States conference as well as through funding by Ministry of Foreign Affairs and Trade for 10 Pasifika emergency managers to attend an emergency management workshop hosted by the University's Joint Centre for Disaster Research. Lessons from this workshop are now being deployed in Vanuatu in the response to Cyclone Pam.

A series of brief presentations, including one by education researcher Dr Jodie Hunter, highlighted research that was achieving practical benefits. Dr Hunter shared insights on a new mathematics project for Pasifika learners, which is dramatically improving achievement rates in lower decile schools.

Vice-Chancellor Steve Maharey said it was essential that the centre continued to carry out research relevant to Pacific Islanders and that academics and stakeholders embrace the opportunities it presents by "not just observing but being part of it".

The university has about 130 researchers with expertise in Pacific issues spread across its three campuses, ranging from sustainable agriculture to health and wellbeing, resource management, education, peacekeeping, responsible business and indigenous development.

Read more on the centre's webpage [here](#).

Contact the centre's co-ordinator Litea Meo-Sewabu on E: L.Meo-Sewabu@massey.ac.nz

Date: 31/03/2015

Type: University News

Categories: Explore - Planning; Pasifika; Research; Uni News



How to manage workplace bullying complaints

Brian was a car salesperson, transferred across town to a new dealership. Brian's arrival at his new workplace started three weeks of bullying. Unfortunately, events in Brian's life had caused him to become emotionally unwell, for which he sought treatment. The employer knew of Brian's situation and treatment.

At work, Brian was made the object of fun and ridicule by his manager who publically referred to him as "mental" and a "nutter".



The manager told Brian he'd programmed the emergency 111 number into his mobile; and made exaggerated, public attempts to locate paper bags around the dealership for Brian to breathe into should he have a panic attack. He gave Brian a petrol voucher, and told him that it would be enough to get him to the local psychiatric hospital.

Healthy Work Group (L-R): David Tappin, Dianne Gardner, Bevan Catley, Kate Blackwood, Daryl Forsyth.

Brian complained to the general manager about the treatment he was experiencing. The general manager spoke to Brian's manager who assured him that it was no big deal, and that Brian was being treated no differently to everyone else. The general manager took the explanation at face value and didn't progress the complaint further. Brian resigned from the company and later lodged a claim with the Employment Relations Authority for having been unjustifiably dismissed.

Sadly, Brian's story is not unique. Brian is one of the approximately 18% of New Zealand employees who have reported experiencing workplace bullying. Many cases like Brian's have reached the employment

courts. As researchers from Massey University's Healthy Work Group, we decided to examine such cases to identify ways that HR practitioners can better handle reports of workplace bullying to the benefit of both the complainant and the organisation.

While it's tempting to dismiss workplace bullying as “harmless fun” or “tough management”, the individual and organisational costs are real, and significant. New Zealand employees who experience workplace bullying report lower wellbeing and higher stress levels than other employees. Importantly, witnesses to workplace bullying report similar negative outcomes too. For the organisation, workplace bullying means less organisational commitment, demotivation, job dissatisfaction and higher levels of absenteeism and resignations. Additional are the direct and indirect costs of managing a case through the legal processes and implementing the court's findings.

Handling a serious complaint of employee behavioural misconduct is a key HR responsibility. Yet, handling and responding to a complaint of workplace bullying can pose significant challenges. Research indicates that complaints can sometimes be wrongly dismissed as personality clashes, or parties are told to work out their differences over a coffee.

In other instances, complaints can stall where the alleged bully is a star performer, popular member of staff, or a senior manager. HR can mistakenly dismiss the covert and subtle bullying behaviours as trivial, or petty. Or, as in Brian's case, the investigating manager may not have the understanding, confidence or capability to manage a complaint. The person being bullied is left to deal with the situation alone, or just leaves the organisation. The bully goes unpunished or is even rewarded, and is then free to begin a new reign of terror. The result is a toxic cycle of bullying that becomes increasingly difficult to break.

Surprisingly, there is little research on good practice to guide HR personnel when managing complaints. It is important to manage the entire bullying complaint process well, and to not focus solely on part of the process – for example the investigation or prevention policies.

Through an analysis of legal cases, the Healthy Work Group has identified five key challenges that must be overcome if a complaint management process is to be effective.

Assessing substance

Challenge 1: 'Sorting out' conflicting accounts

Bullying behaviours can be subtle and open to interpretation. Sometimes the bullying is tolerated by the organisation's culture as normal behaviour. Often there are no witnesses, or witnesses are reluctant to come forward for fear of being targeted, or not being believed. HR can also hold preconceived impressions of the complainant: they're the office whiner or poor performer; or of the alleged bully: they're a star, popular, or just a straight shooter.

All these factors can lead to complaints that lack evidence or contradictory accounts that can be explained away by the alleged bully. HR then dismisses the complaint at the outset because they perceive no substance. The result is a failure to investigate, the bullying continues, and the complainant often leaves.

Challenge 2: Following HR process

Policies and procedures can be lacking, incomplete or simply not followed. By its nature, bullying tends to take place over an extended period of time. Should HR personnel change or move on, investigations can stall, be duplicated or remain unresolved. The result is that full details of the complaint are never recorded, or at best, only in a fragmented way. The upshot is an insufficient investigation, the bullying continues, and again, the complainant often resigns.

Communicating the outcome

Challenge 3: Alleged investigation bias

A perceived lack of organisational support can carry over to influence a complainant's perception of the investigation process. In cases where the alleged bully was a manager, or where the complainant had already resigned, it is common for a complainant to claim the outcome was predetermined when their complaint is not upheld.

Challenge 4: Unwillingness to accept findings

A drawn-out investigation, lack of communication and perceived lack of organisational support can mean complainants are often unwilling to accept any outcome contrary to their view.

Challenge 5: Demanding outcomes

It is also common for complainants to demand certain outcomes from the process (e.g. the bully's dismissal). Importantly, the more protracted an investigation, the more likely the complainant fixes on *their* desired outcome. Alternative resolutions (e.g. mediation, transfer) are summarily dismissed.

The end result of these last three challenges is that the outcome typically goes one of two ways: the complaint is substantiated and the bullying ceases, or the complainant resigns; or the complaint is unsubstantiated and the complainant resigns.

As these five challenges show, HR personnel can often find themselves managing complicated and protracted complaints. How can these challenges be overcome?

Rising to the challenge

There are moral, legal and financial reasons why organisations should have systems in place before a complaint happens, and to intervene early should they occur. Organisations with a healthy, creative and proactive approach to HR and employee wellbeing will have a commitment from senior management to address the business risks posed by workplace bullying.

At the most basic level, this requires having well-designed work that reduces the opportunities for bullying behaviour. Beyond this, there is a need for organisations to have documented processes for managing bullying, and for training staff to help them identify and respond quickly to bullying situations.

When a complaint is made

HR managers should consider this short, but not exhaustive, list of lessons learnt from the analysis of workplace bullying legal judgements.

- Take all complaints seriously.
- Proceed quickly but thoroughly.
- Set aside individual reputations.
- Don't blame the complainant. Focus on the behaviours and look for a pattern.
- Protect and support witnesses.
- Provide support to both the complainant *and* the alleged bully.
- Follow the organisation's policy and procedures and keep good records.
- Maintain the confidentiality of all parties.
- Communicate the process and outcomes and keep the parties informed about progress.
- Ensure resolutions are implemented and followed up.

Organisations have a duty of care towards all their employees and bullying can severely test that duty, while also producing toxic effects that can ripple through a workplace. Yet, despite its sometimes complicated nature, workplace bullying can be successfully managed by a proactive organisation.

And as for Brian? The judge considered his manager's conduct to be "one of the starkest cases of a course of conduct with the deliberate and dominant purpose of coercing a resignation that I have encountered".

Brian was awarded \$8,300 for lost remuneration, \$12,500 for the effects of distress, humiliation and injury to feelings and a further \$2,500 for legal costs. Such a ruling provides a salutary lesson in the need to invest in a robust complaint management process.

Kate Blackwood, Bevan Catley, Darryl Forsyth and David Tappin are researchers from Massey University's Healthy Work Group, which is focused on finding solutions to workplace health and safety issues.

'Brian' is a pseudonym. Adapted from Roberts v Japan Auto (NZ) Limited [2003] 1 ERNZ 439-446.

Date: 01/04/2015

Type: Features

Categories: Big Issues in Business; College of Business; MPOWER; Research

Changes to parking and charges at Orchard Rd

Pay stations in the Manawatū campus Orchard Rd car park have been replaced with new equipment that will provide greater flexibility for students, staff and other users.

Users can now pay by credit card and eftpos as well as cash, and staff and students can now load money onto their Massey ID cards and use the card as swipe cards for multiple entries and exits.

For users of the car park who are not staff or students or who do not wish to use their ID cards the system will be similar to that used at the Palmerston North Airport and the Plaza. A ticket is received on entry must be paid for at a pay station before exiting.

A new pricing schedule for those users will take effect from April 20. This is the first change since charges were introduced 10 years ago. As staff may be aware, the University has deferred a planned increase in charges for staff and student ID holders who use the Orchard Rd car park while it consults with staff and students.

There are proposed changes in charges for ID card holders, which are an increase from \$2 per exit to \$2.50 per for parking for more than four hours and up to six hours, and to \$3 per exit for parking for more than six hours. The cost of parking for up to four hours would remain \$2 per exit. Submissions on the proposal, including the timing of the introduction of any change, may be emailed to [Keith Harvey](#) on or before April 20.

There is no proposal to change prices for those who pay for general parking in Orchard Rd on an annual basis or for general, reserved or numbered car parks elsewhere on the Manawatū campus. Staff who pay for permanent parking elsewhere on campus but also occasionally use Orchard Rd are still able to do so at no extra charge, but are invited to visit the Security Helpdesk so that access may be loaded onto their staff ID card because the swipe cards for their usual car park no longer provide access to – or egress from – Orchard Rd.

Date: 02/04/2015

Type: Internal Communication

Categories: Any

Academic staff promotions 2015

Academic staff intending to apply for promotion this year should note that documentation regarding promotions has been distributed to heads of departments, institutes and schools.

Staff eligible to participate are all those below the rank of professor who have an ongoing employment agreement.

Staff intending to apply for promotion should consult with their head of institute/school or a senior colleague on the appropriateness of the timing of the application and the level of promotion being requested.

The closing date for applications is May 15 and late applications will not be accepted.

Applications should be photocopied, using both sides of the paper wherever possible.

Copies of the [2015 Academic Staff Promotions Booklets](#) are available on the People and Organisational Development website.

There is one booklet for level one and two promotions, which covers movement to and within all academic ranks up to and including senior lecturer – range two (or equivalent), and a separate booklet for promotions to associate professor and professor.

Date: 02/04/2015

Type: Internal Communication

Categories: Any



Rob Lloyd and Hannah Pratt in The Real Thing

Wellington season for Massey playwright

A man is catapulted onto stage and in 10 minutes tells the story of his entire life – from squalling newborn infant to dementia and death.

The Perfect Life is one of six new short plays by award-winning playwright Angie Farrow in a season opening soon at Wellington's BATs theatre.

The challenge of cramming an entire life story into a meaningful, compelling 10-minute drama is one Dr Farrow relishes. The short play format, she says, offers unlimited possibilities *because* of, not *despite*, its apparent time limitations.

And the stakes don't get higher than in a short play that is fundamentally a critique of the question: "What is a life?" says Dr Farrow, an Associate Professor in the School of English and Media Studies and senior lecturer in theatre studies.

"I think we underestimate what can be said in a short play," she says. "I like to play with the absurdity of fitting everything into 10 minutes. It's cheeky really, and I like that provocation – the stakes are high."

Asking the big questions like "What is this relationship about?" or "What choices do we really make in life?" or "How do we endure the loneliness and isolation of urban living?" – all are fodder for her inventive, boundary-pushing theatrical nuggets.

True, 10 minutes might seem "a ridiculously short time to create a meaningful narrative," she says in the introduction to her latest book of short plays, titled *Falling*, from which the six-pack season is drawn. "And because there is not enough of it, it is easy to assume that less time means less content.

"However the way time flows in theatre is very different to the way it flows in real life. Theatre allows you to jump in time, not just between days, but between years, or even lifetimes. You could set your story 5000 years before the birth of Christ and finish it yesterday."

As well as bringing an emotional depth and reality to her plays, she also likes to explore the illusion of theatre, as in *The Real Thing*. The opening scene presents a mystery surrounding the identity of a dead body on stage, and involves a person from the audience (we think) who receives a call from a theatre prop telephone.

Farrow, whose plays have won international and national awards and been performed in New Zealand and abroad, says her latest series, *Together All Alone*, focuses on humanity and urbanity. Three were inspired by and written in New York when she was there on research leave in 2013. All six works share a big city setting and a prevailing sense of the “fragmentation of cultures in urban communities”, she says.

Often, the characters' memories, dreams and delusions swirl and collide in magnified moments or encounters, to expose the motivations behind the deepest human yearnings and dilemmas.

Together All Alone was awarded Outstanding New New Zealand Works in Theatrical Production (for *Leo Rising*) and Best Female Actor (Hannah Pratt) at the 2015 Globe Theatre Awards in Palmerston North last year following its season there.

Chapman Tripp award-winning Wellington actor Rob Lloyd joins Hannah Pratt, Jess Hong and Sam Daly on stage, under the direction of Jaime Dorner and Rachel Lenart, with Dr Farrow as producer for the season which runs from April 8-17, 7.30pm (no shows Sunday and Monday).

Date: 02/04/2015

Type: University News

Categories: College of Humanities & Social Sciences



Massey University business student Meg Kerry with Business Boot Camp mentor Dr Jeff Stangl.

Business Boot Camp kicks off again

Commerce and economics students from all over the North Island are giving up a week of their school holidays to immerse themselves in the world of business.

Seventy students from 33 secondary schools – from Kerikeri to Palmerston North – have signed up for Massey University's annual Business Boot Camp. This year the camp was over-subscribed, with all places on the programme filled within a week of registrations opening.

“Word of mouth about the first boot camp last year has really spread through the teacher network,” says co-organiser Dr Jeff Stangl from the Massey Business School. “Some teachers had tough decisions to make as we usually only take two students per school.”

Business Boot Camp is the brainchild of Dr Stangl, who lectures in finance, and his wife Dr Loren Stangl, who lectures in marketing. Its aim is to expose students to all aspects of business so they can make more informed decisions about their future studies and careers.

“We want to really open up their eyes to what they can do when they leave school, possibly to opportunities they haven't considered,” Dr Stangl says. “Most of these young people will have multiple careers and we want them to go out there knowing that a career in business can mean many different things.

“It's about exposing them to a whole variety of ideas to help them find their own way, to inspire them to become the next generation of business leaders.”

Some of New Zealand's biggest organisations are opening their doors to the students, including the NZX, Microsoft, Air New Zealand and GridAKL, the new technology and innovation precinct at Wynyard Quarter.

“We'll teach them fundamental business concepts and those all-important soft skills – like critical and entrepreneurial thinking – that employers are looking for,” Dr Stangl says. “But the most important thing will be connecting them with real people in business so they can experience the whole ecosystem that is out there.”

Former Westlake Girls' High School and current Massey University student Meg Kerry, who attended Business Boot Camp in 2014, says the experience was transformational.

"It changed my whole university life," she says. "I wasn't even thinking about going to Massey, but after boot camp I had made so many important relationships with people at Massey that I knew I wanted to study here."

Those who attended last year's Business Boot Camp are still in contact through a Facebook page set up by the students and at least one-third of the group are now in their first year of business studies at Massey.

"I now have this amazing network of friends in my first year at university and we're being mentored by Jeff [Stang] as well. It means I've always got people to talk to who are in the same boat as me – and it's all because of boot camp."

Ms Kerry says the experience gave her the confidence to network and pursue opportunities. She also learned how business concepts can be applied in a range of ways in the real world.

"It was so different to learning from a textbook. At school it can seem like it's something you learn for a test, but at boot camp you learn to apply those concepts. We had the opportunity to ask real businesses how they they've used the strategies we learnt about and you can see, wow, that all these theories do matter."

Ms Kerry says the group's visit to the NZX showed her how economic theory translated into the day-to-day running of a stock market, while the personal stories of successful business people brought insights of a different kind.

"There was one speaker who gave her perspective as a female manager that really sticks in my mind because that's how I want to be," she says. "I want to be confident and motivated and not let stereotypes get in the way of being a successful manager."

This year, along with another 30 Massey business students, she will be on-hand to help run Business Boot Camp and mentor the participating high school students.

"I'll be telling them that boot camp is just the start – they need to build on the relationships they make during the week as those networks could be important for the rest of their careers."

Date: 02/04/2015

Type: University News

Categories: Home Page article; College of Business



‘Keel’ of university retires after 44 years

Deputy Vice-Chancellor and College of Sciences Pro Vice-Chancellor Professor Robert Anderson leaves behind a nearly 50-year legacy with Massey University – one that began in 1967, when he won a Victorian Government scholarship to Massey to complete a Bachelor of Agricultural Science.

He first became involved in the governance of the university as students' association president in 1969 and was the first student member of the University Council. One of his duties was chaperoning Queen Elizabeth II on her visit to the university in 1970.

Before graduating with a Master of Agricultural Science in 1975 he had been a junior lecturer. A string of appointments followed, from becoming the youngest professor of the university at 32 years old, then Dean of the Faculty of Agricultural and Horticultural Sciences, head (Pro Vice-Chancellor) of the College of



Professor Anderson at his leaving function in Palmerston North.



Sciences and, finally, Deputy Vice-Chancellor.

Bette Flagler, Vice-Chancellor Steve Maharey, Professor Anderson and Robyn Anderson

He has also accumulated numerous awards. He received the Centennial Medal from the Victorian College of Agriculture and Horticulture for "Outstanding Contributions to the Fields of Biometrics and Animal Breeding and Services to Agricultural Education", he was elected a Fellow of the New Zealand Institute of Agricultural Science, and a Foreign Member of the Royal Swedish Academy of Agriculture and Forestry, he was awarded the 2000 Thomson Medal by the Royal Society of New Zealand for "Outstanding and Inspirational Leadership in the Management of Science", and, in 2007, was made an Officer of the New Zealand Order of Merit (ONZM) for services to science, education and cricket.



For Professor Anderson, the highlights from his time at Massey are the achievements of others.

A young Robert Anderson chaperoning Queen Elizabeth II on her visit to the University in 1970.

"Out of the last 10 Rutherford medals, seven have been won by a Massey scientist, past or current," he says. "The college has also produced two vice-chancellors, one deputy vice-chancellor, one head of a crown research institute, one co-director of a CoRE [Centre of Research Excellence]. We've managed to support so many people who have excelled both in their leadership in science but also people who have excelled in management and the organisation of science."

Another highlight is forming the College of Sciences as it is today. "That was a huge challenge but it really was an exciting time. It was great to be part of what was going to be a significant development for such a sizable component of the university. The college was formed on the founding principles of being research-led and encouraging large, multidisciplinary teams – something that has now carried over into cross-organisational groups like the Hopkirk Institute and FoodHQ."

Institute of Food Science and Technology Professor Richard Archer described Professor Anderson at his farewell as the "keel" of the university – a sentiment echoed by Vice-Chancellor Steve Maharey.

"He has shaped this university," Mr Maharey said. "Not just as a student but as a leader at every level of the university, finishing as Deputy Vice-Chancellor. Everything we have done in the past 44 years has been touched by Robert. We absolutely have someone here who has defined our lives. What he wants is the best for the institution and the best for you."

Professor Anderson retires on April 3 after "44 years and two days". Professor Ray Geor will replace him as the new College of Sciences Pro Vice-Chancellor. Professor Ted Zorn is the new Deputy Vice-Chancellor.

Date: 02/04/2015

Type: University News

Categories: Home Page article; Alumni; College of Sciences

New head of Massey University External Relations

A leading public relations practitioner with a background in university strategic development, private sector communications and New Zealand news media will head Massey University's External Relations team as Assistant Vice-Chancellor.

Penelope Barr-Sellers, of Auckland, will oversee the University's communications, marketing, national events, student recruitment, web content, alumni development and the Massey University Foundation.

University Vice-Chancellor Steve Maharey says he is delighted to appoint a proven team leader with a strong public relations and media background whose recent experience involved growth and development initiatives that are increasingly important to the international success of modern universities.

"Massey has built a strong brand whose tagline, 'the engine of the new New Zealand', is recognised and well understood by students and other key stakeholders." Mr Maharey says. "I am confident Mrs Barr-Sellers will deliver on the strategies that will strengthen Massey's connections and enhance our reputation as a university committed to making a difference nationally, and globally."



Penelope Barr-Sellers

Mrs Barr-Sellers is currently head of development and innovation at AUT University. She has a Bachelor of Education from Waikato University, a Diploma of Teaching from Waikato Teachers' College and a Diploma of Meteorology from the New Zealand Meteorological Service.

She joined AUT in late 2010 as group director of growth and development, a portfolio encompassing student recruitment and youth engagement programmes, community engagement and advancement, including the AUT Foundation and the Friends of AUT (United States). She also developed and led the corporate affairs and the business and industry-relations functions, as well as innovation projects.

Prior to that she spent 10 years in England in communication agency management roles, working with global blue chip companies in Britain, Europe and the United States.

Her earlier career was with Television New Zealand as a presenter and reporter (1987-96), a senior public relations consultant for Consultus – now the Acumen Group (1996-98), and as general manager of the public relations business in DDB Group (1998-01).

She will join Massey on June 1.

Date: 02/04/2015

Type: Awards and Appointments

Categories: Any



Military historian Professor Glyn Harper.

What Gallipoli means a century on

When the sun rises over the Gallipoli Peninsula on April 25, 2015, around 10,000 people from Australia and New Zealand will be there to greet it. They will have been waiting all night for this moment.

These are the lucky ones whose names were selected by ballot and who will have paid thousands of dollars to get to Gallipoli. Many others missed out on this opportunity. Some 42,582 Australians applied for the 8000 tickets available. In New Zealand, more than 10,000 people applied for just 2000 allocated places.

Meanwhile, hundreds of thousands of people from around Australia and New Zealand will rise early before dawn on the public holiday of April 25 to attend Anzac Day services. What is it that motivates so many to do this and what is it that makes this day so special? There are no easy answers.

For both Australia and New Zealand the Gallipoli campaign of 1915 holds a peculiar fascination. As the first clash of arms in a total war for Australia and New Zealand, the Gallipoli campaign has assumed a cultural significance out of all proportion to the military realities of the time.

The stark reality is that Gallipoli was a serious defeat for the allies. This costly failure had no significant outcome on the war apart from encouraging the Ottoman Turks to fight on. It was a military endeavour that was marked with muddle and command incompetence from its very beginning – the most successful part of the campaign was its ending. It is most unusual for nations to associate one of their most defining moments with a military campaign with all these failings.

Professor Sir Hew Strachan, the Chichele Professor of the History of War at Oxford University and a world authority on the First World War, has written that the national identity of three nations –Australia, New Zealand and Turkey – is woven around the Gallipoli experience. New Zealand soldiers who were there believed that it was on Gallipoli that they started to discover themselves as New Zealanders.

“One thing we learned quick, we weren't English,” reflected Henry Lewis some 70 years later, while many Gallipoli veterans commented that the experience had awakened their identities as New Zealanders.

It is doubtful if any one event can create such an elusive and changing entity as a country's national identity. Where it begins and ends is impossible to say as the process is complex and subject to many factors. But what happened at 100 years ago cannot be ignored, nor can it be separated from Australian, New Zealand and Turkish national histories or cultural identities.

So important has this campaign become to each nation's heritage now that most New Zealanders and Australians have developed a sense of place about Gallipoli without ever having been there. Mention Gallipoli and in their mind's eye New Zealanders and Australians can visualise a small, narrow cove, a short crowded section of beach and the steep, tangled, sheer, razor-backed ridges that reach almost to the shoreline. In this place the enemy holds the high ground so that the struggle is always uphill. That is why, too, so many Australians and New Zealanders feel compelled to go to this place, which they feel has a special significance for them.

Gallipoli has become something bigger and better than just its military reality. It has been transformed into a type of victory, albeit not a military one. It is a victory for comradeship, endurance and for a determination to succeed against all the odds. These are values that still resonate with Australians and New Zealanders. Ultimately, Gallipoli is a victory of the human spirit over death, suffering and the futility of war. The victory is an imagined one but it is more powerful and enduring than the real thing.

A strong note of caution is needed about the Gallipoli campaign and its legacy. Gallipoli has cast a very long shadow. This has seen Gallipoli overshadow or obscure other military engagements of equal or even greater significance to both New Zealand and Australia.

The Somme battle of 1916, still New Zealand's most costly ever military encounter, will not receive anything like the attention Gallipoli has attracted. A ballot to limit New Zealand visitors there in 2016 will not be necessary. There are many others, too, and the centenary of the First World War is the ideal time to re-examine their importance.

Towards the end of the Gallipoli campaign a senior New Zealand officer, George Richardson, wrote a letter to a close friend back in New Zealand. Richardson wrote: 'We are muddling through as no one but England knows how to muddle through.'

Unfortunately for the New Zealanders who survived Gallipoli, and for the tens of thousands yet to participate in the war, allied "muddling through" was far from over. Gallipoli was just the first of several hard-fought campaigns in the most difficult of circumstances. There would be many long casualty lists over the next three years. These battles and campaigns and their impact on New Zealand deserve recognition too. Lest we forget.

Glyn Harper is a professor of war studies at Massey University.

Date: 02/04/2015

Type: Features

Categories: Home Page article; FutureNZ 2015



Power restored to Wellington campus

Massey University's Wellington campus was fully opened for business after a power outage forced a partial closure on Wednesday 8 April.

Up to 10 buildings, including health and study centres, the library and a café were closed while the source of a power outage was identified and repaired.

Services were fully restored in the afternoon once facilities staff completed a full inspection of all affected buildings.

Campus registrar Deanna Riach thanked staff and students for their support and patience while the urgent repair was undertaken.

Date: 08/04/2015

Type: University News

Categories: Wellington



A common dolphin mother and her calf

Spatial mapping reveals importance of Hauraki Gulf waters

The most extensive spatial mapping of the Hauraki Gulf waters has identified a new area of importance for nationally endangered bottlenose dolphins, as well as demonstrating how these waters are used by two other protected species – common dolphins and Bryde's whales.

The three-year study involved 279 days and almost 21,000km of on-the-water effort by Massey University marine biologist Sarah Dwyer, who used a specialised form of statistical modelling, occupancy modelling, never before applied to marine mammals.

Miss Dwyer mapped where and when bottlenose dolphins, common dolphins and Bryde's whales were in the inner Hauraki Gulf and off the west coast of Great Barrier Island. The project aimed to improve management and conservation of the three species.

A PhD student in the Institute of Natural and Mathematical Sciences' Coastal-Marine Research Group supervised by one of New Zealand's leading cetacean specialists, Dr Karen Stockin, Miss Dwyer was supported by the Auckland branch of the Department of Conservation, which funded the research costs of operating the Massey University vessel used in the study.



Miss Dwyer conducting her marine surveys

Any previous spatial mapping conducted by scientists has relied on tourism vessels. Miss Dwyer says this approach is prone to bias because “tour vessels don't usually cover the wider area or sample in a representative way”.

Using the dedicated research boat she was able to conduct visual surveys using, among other analytical methods, occupancy modelling – a specialised form of statistical modelling that takes into account the probability of spotting a dolphin or whale.

She found common dolphins and Bryde's whales all year round in the central northern regions of the inner Hauraki Gulf but that the whales' distribution varied considerably from year to year.

There were also differences in how each species used the inner Gulf. Movement patterns were likely driven by the movements of their prey, such as krill and small schooling fish.

She also found that waters off the west coast of Great Barrier Island were important all year round for around 170 individual bottlenose dolphins. Groups averaged 35 individuals in size and most were made up of calves and juveniles. This is significantly larger than the group sizes of dolphins observed in the Bay of Islands, which has groups averaging 10 individuals, with a maximum of 60 in the group.

Miss Dwyer says we need to think seriously about conserving the waters and animals of the Hauraki Gulf especially because numbers of bottlenose dolphins in New Zealand's other major hotspot, the Bay of Islands, are declining.

“Until we understand the reasons behind the decline in the Bay of Islands, where commercial tourism levels are high, we need to look after the Great Barrier Island habitat that is used year-round by these large groups of bottlenose dolphins.

“The Hauraki Gulf is a very busy area, it gets a lot of shipping traffic. This can cause problems for the dolphins as they are susceptible to ship strike.”

More information is needed about the prey of common dolphins and Bryde's whales

“The location of these animals appears to be strongly linked with where their prey are found. What surprised me is the lack of information about the prey. Fisheries research tends to focus on larger and more commercially viable stocks. It's concerning that species such as pilchards are commercially fished, but yet we know hardly anything about their ecology. If these prey stocks decline, we may also lose the dolphins and whales here.”

She hopes the data gathered can be included in a draft plan being developed by the Hauraki Gulf Forum, Ministry for Primary Industries, Department of Conservation, Waikato Regional Council and Auckland Council, to safeguard the Hauraki Gulf using marine spatial planning.

The plan, called *Sea Change: Tai Timu Tai Pari* is due to be completed in September and will be presented to relevant councils and agencies for implementation.

Date: 08/04/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; Research



A bottlenose dolphin



A Bryde's whale



Ami Rogers, *Decorating an Inadequate Landscape* (illustrated wallpaper)

Master of Design exhibition takes flight

From revitalising a provincial weaving mill to increasing youth voter engagement, design-led research can make a difference. Starting on Friday (April 10), Massey University's Master of Design exhibition will show the results of these and other projects.

Of the ten advanced design projects on display, three involve work with the New Zealand wool industry funded by Callaghan Innovation:

- Hannah Webster found ways for Town and Country Textiles, a family-owned weaving mill in Palmerston North, to use existing equipment to produce a wider, more modern design range while retaining their quality craftsmanship.
- Hannah Hutchinson produced a catalogue of more than 200 samples demonstrating innovative ways that Napier tannery Classic Sheepskins can add value to waste wool fibre.
- Monique Bowers developed new spinning yarn processes and products, enabling Levana Textiles in Levin to offer new blended yarn combinations to customers around the world.

Four other projects demonstrate, amongst other things, the postgraduate students' skills in illustration:

- James Watson produced an illustration-centric project highlighting what is happening to New Zealand's degraded waterways.
- Bridget Munro contributed to restoring the tradition of horror in folk fairy tales through her illustrated retelling of the story of The Pied Piper of Hamelin.
- Rachel Mann also used illustration, to produce a trans-media web and mobile-based storytelling platform targeted at 12-18 year olds. The character designs arose from her research of young people

in Southland.

- Ami Rogers produced illustrated wallpaper as the result of her research into the acclimatisation of introduced bird species. Her work crosses over illustration, spatial and textile design.

Professor of Spatial Practice, Julieanna Preston, says the showcase of work acknowledges the impact design can have on the everyday as well as the extraordinary.

"Taken as a whole, the exhibition shows the wide range of problems that design can address in surprising, intelligent and beautiful ways."

Other examples include:

- Meg Howie devised Ask Away, an online question and answer forum that engaged more than 22,000 New Zealanders and sixty political candidates in the lead-up to the 2014 General Election.
- Will Nicholson developed a design solution, rethinking refrigerated containment, to overcome many of the obstacles faced by exporters of New Zealand primary produce.
- Juran Kim's exploration of zero waste fashion design resulted in innovative pattern cutting and uses of felted wool – and a collection of garments without seams.

Exhibition details

Friday April 10 to Sunday April 19, 9am to 5pm

Level C, Te Ara Hihiko

Massey University Wellington

Free public lecture

Tuesday April 14, 6pm

The Pit, Te Ara Hihiko

Massey University Wellington

In association with the 2015 Master of Design exhibition, Associate Professor Kelly Thompson of Concordia University, Montreal, Canada, will offer a public lecture and artist talk: Material orientations: locating narratives, which explored notions of place, translations, digital data and textiles.

About Callaghan Innovation R&D Fellowships

Callaghan Innovation R&D Fellowships encourage businesses with an active R&D programme to involve masters and PhD students. Students work on a significant problem faced by the business; their work contributes to the development and/or commercialisation of a new product, process or service. The fellowship provides the student with a stipend and travel allowance. Massey University brokers the match between student and business. To discuss having a postgraduate design student work with your business, [contact](#) the College of Creative Arts

Date: 09/04/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington



Koma is a curious kitten who loves making stop-motion animation films

Stop-motion animation KOMANEKO screens in April

The delightful tale of a curious cat who likes to make stop-motion films is the latest Japanese film to screen at Massey University's Auckland campus on April 13.

KOMANEKO – The Curious Cat is an award-winning stop-motion animation film that follows the adventures of a kitten named Koma who lives with her grandfather and loves to make stop-motion films with her 8mm camera.

She encounters strange creatures, battles with an obnoxious fly interrupting her filming, and meets new friends, including Radi-bo who loves gadgets, trains and planes. They also learn lessons about the importance of being yourself, and not judging people.

The G-rated film is perfect for children of all ages.

The original film was a five-minute animation *KOMANEKO – The First Step* created by writer/director Tsuneo Goda in 2006 to demonstrate stop-motion animation for an exhibition. It was well-received by the audience



The films screen in the Atrium Round Room, Ground Floor, Atrium Building

and the film was invited to many international animation festivals. It also won the Excellence Prize (Animation Division) of the Japan Media Arts Festival in 2003.

Mr Goda then spent four years developing the short film into a one-hour animation called *KOMANEKO – The Curious Cat*, which will screen alongside *KOMANEKO'S Christmas – A Lost Present*. In Japan he is better known for creating Domo, the official mascot for public broadcasting television channel NHK.

The film will screen in the Atrium Round Room at 6.30 pm on Monday. The screening is slightly later to accommodate the Easter break and fits in with school holidays. Everyone is welcome to attend the free screening, which starts at 6.15 pm with a short documentary video on Japanese life and customs.

The films are brought to New Zealand with kind permission from The Japan Foundation and the Consulate-General of Japan, and screen in Japanese with English subtitles.

Upcoming movies

The free Japanese film screening on May 4 will feature the 1992 comedy *Sumo Do, Sumo Don't*, starring Masahiro Motoki from the Academy Award-winning film *Departures*.

Event Details

Venue: Atrium Round Room, Ground Floor, Atrium Building

Time: 6.15 for the pre-film documentary, 6.30 for the main feature

Cost: Admission is free and bookings are not required – please feel free to bring your own snacks

Parking is free and available on campus

For more information on Japanese film screenings, please visit this [website](#).

Information on campus maps and parking is available [here](#).

Image (c) TYO/Dwarf Komaneko Film Partners

Date: 09/04/2015

Type: Features

Categories: Applied Learning; Auckland; College of Humanities & Social Sciences; Creative Arts; Exhibition/Show; Feature; International; Music and campus life; School of Humanities



Massey vet graduate returns to head Sciences

Thirty-two years after graduating as a veterinarian, Professor Raymond Geor has returned to Massey University to lead its largest faculty, the College of Sciences.

What he initially planned as a three-year experience became a 30-year legacy of teaching and research in various universities in North America, culminating in a professorship and academic leadership position at Michigan State University. In recent years, his research focussed on equine metabolic syndrome and laminitis – a painful and crippling condition of the foot.

Professor Geor was raised in Hawke's Bay and grew up with horses, which spurred his interest in veterinary science. He graduated as a veterinarian in 1983 before completing a large animal internship at Murdoch University in Perth. He then practiced as a veterinarian in New Zealand and Canada, followed by a residency and masters degree in 1988 at the University of Saskatchewan and a doctoral degree at Ohio State University in 1999.

"I have a curiosity for science and biology and I liked the career possibilities in academia," he says. "I have greatly enjoyed being in a position where I have the opportunity to ask questions and conduct research. In some cases, findings from that research translate into changes in how we manage animals, to their benefit."

His role as college pro vice-chancellor will allow him to take on bigger leadership opportunities and help drive Massey University forward, he says.

"I'm really looking forward to the role. Initially I'm looking to learn more about what the college does. It's big, it's complex, and it has lots of different elements. I want to make sure I'm as aware as possible of all of what we do because it's from that basis that I can best enable opportunities going forward."

Professor Geor has met with the heads of institute and will spend the coming weeks getting to know staff informally – "a learning and listening opportunity".

Big initiatives the college has under way include the redevelopment of the vet tower, expansion of the Wildbase hospital, and the review and potential restructure of the Bachelor of Science degree.

“We'll be continuing to plan and strategise how the College goes forward under the framework of Massey's overall [Road to 2025] strategy.”

The College of Sciences has more than 700 full-time staff, 350 of whom are academic staff as well as more than 7,600 students.

Date: 09/04/2015

Type: University News

Categories: Home Page article; College of Sciences; Palmerston North; School of Veterinary Science



Conference organisers Dr Nick Holm and Dr Sy Taffel

Human and nature's entanglements explored

Humans depend on nature, yet continue to exploit and abuse it – this paradox is at the heart of a conference exploring our relationship with the natural world from critically humanist, political and social sciences perspectives.

Titled *Working with Nature*, the April 10-11 conference will focus on a range of “environmental entanglement” issues in regard to how humans interact with nature in the 21st century – from materialist, aesthetic, political and media angles.

Organiser Dr Sy Taffel, a lecturer in the School of English and Media Studies, says the issue of climate change impacts and increasing environmental destruction needs to be examined and understood through new frameworks offered by the humanities and social sciences. It's a first for the University to host a conference on a topic usually reserved for climate scientists, policy makers, conservationists and environmental activists.

He says new thinking is vital given the “new language of the Anthropocene” – a new era of history that recognises the ability of humans to intervene and alter the non-human world.

“Even as recognition of climate change and man-made extinction become commonplace, and concepts such as sustainability and resilience enter into the conversations of state and corporate actors, it remains unclear how those ideas might speak to our everyday practices and behaviour,” he says.

The conference will bring together lead researchers and thinkers from New Zealand and overseas in areas such as media representations of climate change.

One of these is guest speaker Sean Cubitt, a professor of film and television at Goldsmiths, University of London, and author of *EcoMedia* (an inquiry into popular constructions of environmental debates in film and television). In his public keynote address, *Nuclear Aesthetics, Media Politics*, he will examine the complexities, contradictions and myths of modern life in the context of “eco political aesthetics”. The concept relates to dilemmas such as the deployment of natural resources for the manufacture of digital devices that

are seen as laudable tree-saving alternatives, yet which create new environmental hazards when they become obsolete.

“On a global scale, we're witnessing an increasing concern with the different ways in which human behaviour works to shape nature,” Dr Taffel says. “From climate change to drives towards sustainable communities and ongoing concerns with waste and pollution, the interaction between human and non-human worlds looks set to be a central concern of the twenty-first century.”

Co-organiser Dr Nick Holm says such concerns have particular resonance in New Zealand, “where there is a long history of direct and directed human interaction with nature, from the introduction of flora and fauna by European colonists, to contemporary efforts to conserve and re-establish threatened ecosystems and, just as importantly, to the role of farming and other primary industries as cornerstones of the national economy and culture.”

A series of panel discussions throughout the two-day event will explore diverse topics under several key themes including Mediating Nature: Representation and Engagement; Art and/in/as Nature; Animals in Nature; Governing Nature: Policy and Management; Writing with Nature; Communities and Rivers; Eating Nature: Food and Agriculture, and Colonising Nature: Settler and Indigenous Perspectives.

Working with Nature is sponsored by the School of English and Media Studies and the W H Oliver Humanities Research Academy. It is being held in the Boardroom, Whararata, Manawatū campus.

Keynote address by Professor Sean Cubitt: Friday, April 10 – 5.30-7pm: Russell Room, Whararata.

For more information click [here](#) or contact Dr Sy Taffel (s.a.taffel@massey.ac.nz) or Dr Nick Holm (n.h.f.holm@massey.ac.nz).

Date: 09/04/2015

Type: University News

Categories: College of Humanities & Social Sciences; Conference/Seminar; Environmental issues; Explore - Planning; Uni News



Standing: Professor James Chapman, Distinguished Professor Bill Tunmer, Christine Braid, Dr Alison Arrow. Seated at front: Dr Keith Greaney and Dr Jane Prochnow.

Research project to improve literacy outcomes

Education Minister Hekia Parata says some of the country's youngest students are the focus of literacy research by experts from Massey University.

Professor James Chapman, Distinguished Professor Bill Tunmer and Dr Alison Arrow have designed the Massey University Early Literacy research project to broaden the range of literacy teaching strategies and complement existing ones for teachers.

Ms Parata says the project is focused on establishing successful outcomes for children at new entrant level, especially those that may need extra support such as Māori, Pasifika, and children from low socio-economic backgrounds.

The \$1.25m three-year project is funded by the Ministry of Education and involves 25 schools in Wellington, Hutt Valley, Wairarapa, Whanganui, Manawatu, Tararua, Taranaki, Horowhenua, and Kapiti.

“This project takes an evidence-based approach, which is essential to finding ways to support the individual learning needs of our young people so that all kids achieve success in literacy, and those who are already successful can extend their levels of achievement,” Ms Parata says.

“The children's skill development is taken into account in deciding which approach is right for them. Some children will receive targeted literacy instruction that may involve methods such as phonemic awareness and alphabetic coding. Other children, who already have basic reading skills, will receive instruction that recognises their developmental progress.”

Another important aspect of the project is the use of a comparison group involving a further 14 schools so that researchers can accurately measure, assess and refine the impact of the supplementary literacy instruction.

“Reading is an essential skill necessary for success in every aspect of life,” Ms Parata says. “This project will provide valuable insights into the best teaching methods to achieve better literacy learning outcomes for all Kiwi kids.”

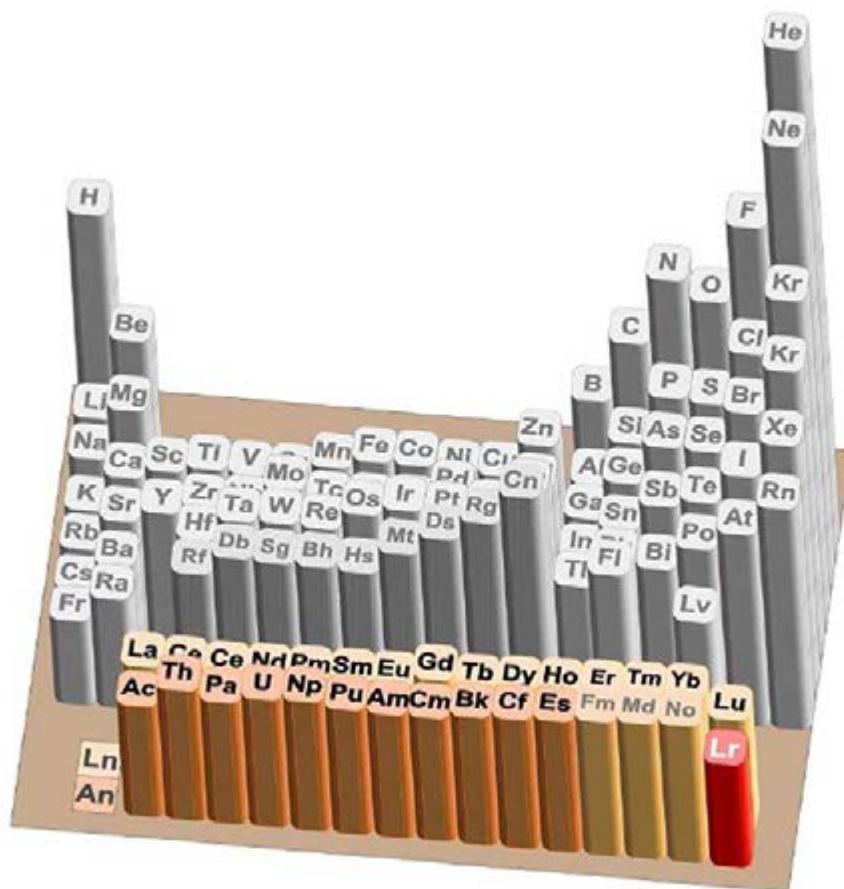
Professor James Chapman, from Massey's Institute of Education, says ensuring young people – whatever their economic, ethnic or language background – can read, and thus learn, boils down to a social equity issue. “Just saying that ‘most’ can read is not good enough. In a responsible democracy, we need to make sure all children get the basics in literacy.

“Being literate is probably the most important goal of schooling. Reading is basic to success in almost every aspect of the school curriculum. It's a prerequisite skill for nearly all jobs, and is the primary key to lifelong learning.”

Date: 09/04/2015

Type: Research

Categories: College of Education; College of Humanities & Social Sciences; Research; Uni News



The ionisation potentials of the elements in the Periodic Table. Bar size reflects amount of energy required to remove the outermost electron.

Properties of rare superheavy element revealed

The cover story of the latest edition of *Nature* reveals one of the basic atomic properties of an element that exists for only 27 seconds and can only be produced in a particle accelerator. It is the result of an international collaboration including a Massey University scientist.

Dr Anastasia Borschevsky, an associate member in the Centre for Theoretical Chemistry and Physics, who also works at the Helmholtz Institut Mainz in Germany, is part of the international team which also includes scientists from Japan, Germany, Switzerland and Israel.

The group investigated element 103, lawrencium – a superheavy element with more than 100 electrons. Lawrencium is unstable and does not exist in nature, meaning studies about the element are limited. The scientists produced atoms that existed for about 27 seconds in a particle accelerator.

Using a novel experimental technique developed at the Japan Atomic Energy Agency tandem accelerator in Tokai, Japan, scientists measured the ionisation potential – the amount of energy required to remove the outermost electron of an element. They also did a theoretical calculation of the ionisation potential, done by Massey University together with colleagues from Tel Aviv University, Israel.

They found that very little energy — only 4.96 electron volts — was required to ionise lawrencium and this was almost identical to the calculated value. This is lower than for most of the elements in the Periodic Table. Energies are generally very small. For comparison, the amount of energy a mosquito uses when it flies is about one trillion electron volts.

The research is scientifically important because this is the heaviest element for which the ionisation energy has been measured. It also helps confirm the position of lawrencium within the Periodic Table of Elements and opens the door for understanding the chemical and physical properties of superheavy elements.

Date: 10/04/2015

Type: Research

Categories: Home Page article; College of Sciences; International; Research



Professor Glyn Harper and Dr Cliff Simons (Lieutenant Colonel, New Zealand Defence Force).

Research to reality – historian's Gallipoli pilgrimage

Prolific author and Massey University professor of war studies Glyn Harper has written more than 20 books on New Zealanders at war and this week makes his first visit to Gallipoli.

As an historical guide for special ballot visitors marking the 100-year commemoration of the First World War campaign, the journey promises to be emotional and poignant, he says.

He will join two other war historians as a guide on a commemorative tour from April 19 to 25 for around 100 New Zealanders with connections to Gallipoli. Organised by the House of Travel in Palmerston North, the tour will take groups to key battlefields, memorial sites and cemeteries on the Gallipoli Peninsular, including Anzac Cove, Chunuk Bair, Quinn's Post and Lone Pine.

The trip will be a career highlight for Massey University's project leader for the Centenary History of New Zealand and the First World War that has been run in collaboration with the New Zealand Defence Force, the Ministry for Culture and Heritage and the Royal New Zealand Returned and Services Association. The project will culminate in the publication of 13 new books on the history of WWI, as well as hosting lectures, conferences, media interviews and other commemorative activities.

His extensive career as a war historian means he will go to Gallipoli – declared a national park in 1973 – armed with a vast knowledge and vivid sense of what happened there.

But the prospect of actually setting foot in the place that has been such a key focus of his scholarly work from a distance – a place where so much blood was shed – will be a deeply affecting, personal experience, he expects.

The Turkish peninsula embodies a place of unimaginable carnage, suffering and sacrifice that was seen as pivotal in forging our sense of nationhood. On rugged, steep ridges, the Gallipoli campaign was launched on April 25, 2015 on a small bay known now as Anzac Cove. By the time the campaign was over in January 1916 more than 120,000 men had been killed; including 44,000 British and French soldiers, 8,500 Australian soldiers, 2779 New Zealand soldiers and over 80,000 Turkish soldiers.

"I'm not sure anyone can be fully prepared for the overpowering emotions that will be stirred up being on the soil and seeing the sites where so many died," Professor Harper says.

While he has visited the cemeteries and battle sites of the Western Front campaigns – such as the Somme in France and Passchendaele in Belgium – he anticipates Gallipoli will evoke an especially emotional response as well as further inspiration for his research and writing.

Professor Harper says the trip to Gallipoli has been "on his list" for many years, but he has lacked the opportunity to go until now. Instead, his research projects have taken him to the Western Front and North African battle sites. And his family connections to the First World War are in France. His Welsh great uncle was awarded a military cross for rescuing a soldier from a gas attack in No Man's Land in the Somme.

Among those taking part in next week's Anzac tour to Gallipoli are relatives of soldiers who fought there. Many are coming with detailed stories of extraordinary courage, suffering, resilience and, in some cases, survival. Some of the stories have featured in the New Zealand Herald's Gallipoli 100 series.

Waiheke Islanders Tony Forsyth and his sister Caroline are the grandchildren of Cuthbert Free, a much decorated career soldier who died in 1944, aged 51. He was wounded in hand-to-hand combat with a Turkish soldier at the famous Battle of Chunuk Bair in August 1915.

"He was bayoneted in the thigh but managed to grab his small dagger and stab his attacker through the heart from the back. Then he withdrew the bayonet, bandaged himself up and carried on," says Mr Forsyth. "He was later invalided out to hospital, patched up and then sent back to the front."

C W Free was one of the last New Zealand officers to leave the battlefield when the Anzacs withdrew, but died in South Africa of dengue fever contracted in India, where he'd lived and later returned to after serving in the Pacific during World War II.

Another link in the tour group is the grandson of the first New Zealand soldier to set foot at Anzac Cove. Murray Bowler Francis's grandfather, Lieutenant Colonel Edmund Bowler, of Gore, led the 2nd Reinforcements from New Zealand on December 16, 1914. He was appointed a Beach Commander of Anzac Cove. Mr Francis' wife Elizabeth is making the trip to Gallipoli to represent the family.

The tour culminates in a 36-hour commemorative gathering to remember the fallen soldiers, including a dawn ceremony at Anzac Cove, and afternoon services for New Zealand at Chunuk Bair and Australia at Lone Pine.

Professor Harper will be joined by Dr Cliff Simons (who is setting up the New Zealand Wars Study Centre for the New Zealand Defence Force), and Stephen Clarke (historian and former chief executive for the Royal New Zealand Returned and Services Association). They leave tomorrow to spend a week of reconnaissance walking around the battlefields of Gallipoli before the tour group arrives.

Date: 13/04/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Explore - Defence and Security; Uni News



Massey Council consulting on size and makeup

The Massey University Council is consulting the University's stakeholders on the future composition of the Council following the passing of the Education Amendment Act 2015.

Under the act, councils, which are the governing bodies of each New Zealand university, will be restricted to having between eight and 12 members, where previously the range was from 12 to 20 members. The Massey Council currently has 16 members.

Massey University Chancellor Chris Kelly says the Massey Council is proposing that it have the new maximum allowed number of members, 12, and is seeking feedback on that proposal as well as consulting on the makeup of the membership and the processes to appoint members.

Mr Kelly says the current Council is a representative model and Council members are keen to retain such representation within the new framework.

"We want to hear from as many stakeholders as possible, including students, staff, alumni, research partners, commercial partners, professional bodies, trade unions, students associations, community groups, tangata whenua, local authorities and members of the public."

Consultation will continue until May 18. Mr Kelly and other Council members will attend meetings with staff and other stakeholders on each campus and will hold separate meetings with groups that have requested them, such as students associations, the Tertiary Education Union and tangata whenua. Other groups wishing to hold meetings are encouraged to make requests to Executive Secretary [Paddy Nicol](#).

The consultation document, including details on how to make submissions and the timetable for consultation meetings, is [here](#).

Date: 13/04/2015

Type: University News



Dr Chris Rogers (left) and Andrew Scott sit atop one of the cross-country obstacles designed by a company based in the Rangitikei town of Bulls.

Unique eventing course on Massey soil

One hundred and fifty young riders will have the opportunity to tackle one of the most unique cross-country eventing courses in the southern hemisphere at an eventing championship this week. Part of the competition is being held in Massey University's backyard through a partnership between Massey University and the Manawatū Pony Club.

The New Zealand Pony Club Eventing Championship is a team competition comprising of teams of up to six riders and covers three events: dressage, cross-country and show-jumping. The cross-country event will be held on Massey University grounds on Friday, with other two components being held at Manfield Park in Fielding on Thursday and Saturday.

World Equestrian Games champion Andrew Scott, who also lectures at Massey University as part of the equine programme, is designing the course and says it offers diverse challenges for the riders.

"The course really is unique because it offers a mix of park-like landscapes, open galloping and some challenging obstacles," Mr Scott says. "One jump in particular is designed to test the boldness of the rider. It's totally horse friendly but can be a bit scary for the rider."

Part of the course is set in the university's arboretum – a sanctuary for trees from all over the world. "I love the arboretum. The kids will have a lot of fun galloping through there and it really gives a good international flavour to the course."

Mr Scott says after the event the course can be used by the Manawatū Pony club. "It's a great opportunity to leave a legacy for the young riders of the Manawatū. There's a lot of new fences here that they can come and train on and hold competitions in the future."

Equine specialist senior lecturer Dr Chris Rogers says a course like this has been 15 years in the making.

“It’s nice to utilise the facilities we have here. We want to grow young talent and foster our next Olympic athletes. It’s also a great way for us to engage with the community.”

He says bringing Mr Scott on board as part of the teaching programme has “closed the gap between agriculture and sport”.

“Massey has one of the strongest equine programmes in the southern hemisphere in terms of research and publications. We have sport scientists and equine scientists working together to understand how people and horses interact.”

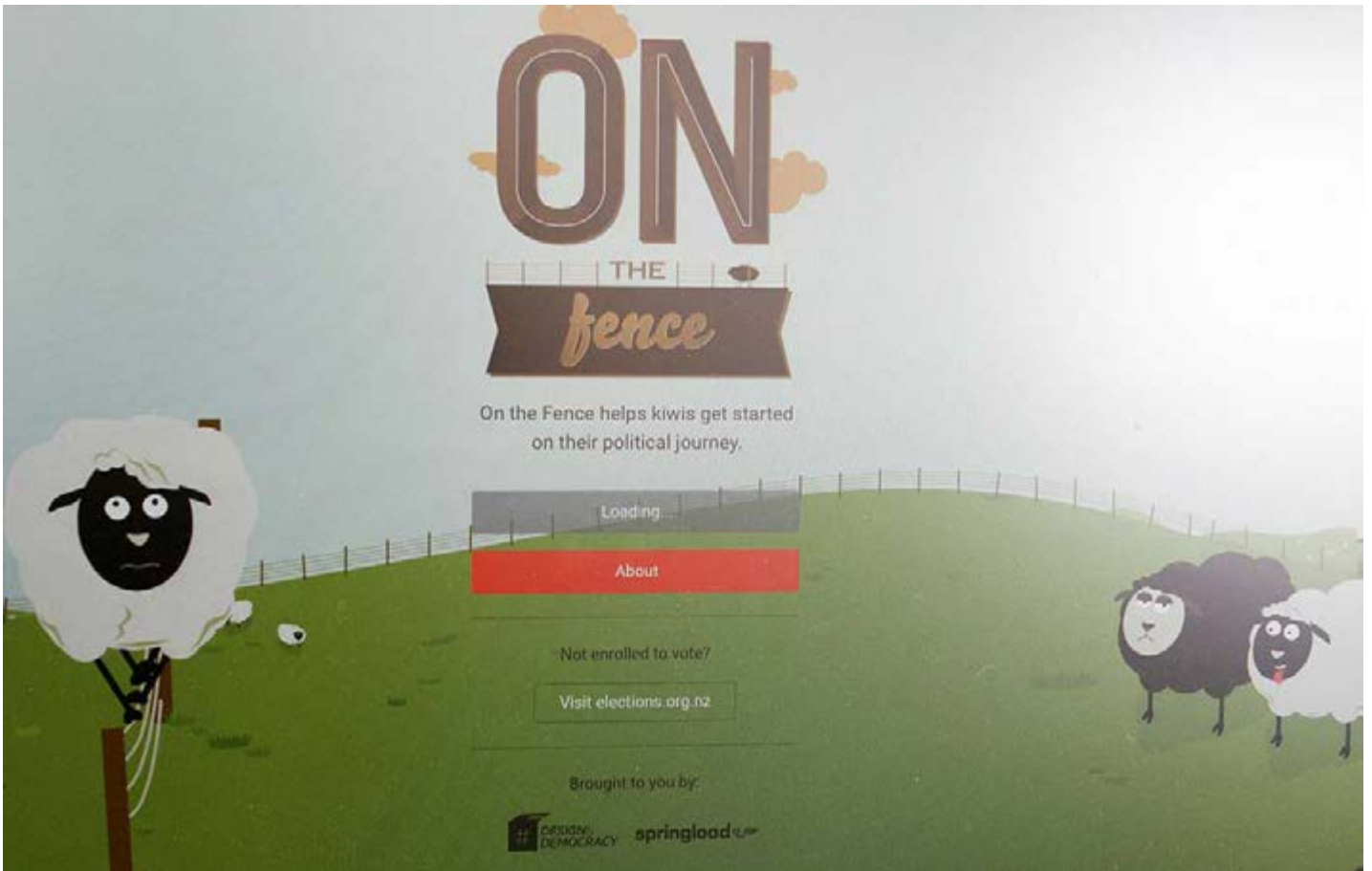
Massey University offers an equine major as part of its Agriscience degree, as well as the only equine minor under the Sport and Exercise Science degree. It is the only university in New Zealand that has a dedicated equine centre where students can keep their horses while studying.

The eventing championship is sponsored by Pryde's EasiFeeds.

Date: 14/04/2015

Type: University News

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; School of Veterinary Science; Sport and recreation



The home page for On The Fence, the interactive web tool that has ben nominated for a Webby Award

Election website nominated for Oscars of the Internet

On The Fence – an interactive web tool devised by Massey design students – has been nominated for a Webby Award. The Webby's are the annual awards for excellence on the Internet, with nominees selected by The International Academy of Digital Arts and Sciences.

[On The Fence](#) is the only non-American nomination in the People's Voice category of 'political blog/websites'. The web tool started life in 2011 as a student design project to help young undecided and first-time voters to make informed electoral choices and transform disengaged youth into active civic participants. Users indicate how they feel about a selection of issues statements, to find out which political parties most closely reflect their views.

In 2014, Massey University's Design and Democracy Project, part of design studio Open Lab, partnered with Springload, an award-winning New Zealand web company, to redevelop the tool for young people on mobile devices.

The other four nominees in the political blog/websites category are Rolling Stone magazine's online coverage of America's Gun Violence Epidemic, and US political news/commentary sites factcheck.org, truthdig, and politico. Winners of The Webby's People Voice awards are determined by the number of popular votes nominees receive.

Springload chief executive Bron Thomson says the company is delighted at the nomination. "Springload believe the web can make a genuine difference to society, and we've found awesome, talented and like-minded partners in Massey University. The biggest challenge of this project was creating a great experience on just about any smart device. We've built On The Fence to scale - it's easy to swap out the New Zealand vernacular so that it will work for other democracies."

In the 2014 General Election, On The Fence encouraged 30,000 non-voting 18-34 year olds to vote, representing 7% of the total eligible youth population.

Director of the Design and Democracy Project, Karl Kane, says On The Fence helps meet the need for non-partisan information about political options. “Young people are not politically apathetic but they aren't voting – there's a difference. Party-political tribalism and spin is a turn-off for them; they want to make values-based choices. That is why On The Fence puts issues first and asks people to think about what they believe.”

More information, and to cast a [vote](#)

On the Fence in the [news](#)

Background

On The Fence started life as a youth-generated undergraduate design project for the 2011 New Zealand General Election, where it attracted 30,000 users in six days.

For the subsequent election (2014), the site was rebuilt based on user feedback. A major technical goal was moving the initial Flash-based version to a responsive web-tool suitable for any screen and a range of browsers. In the six weeks before election day, the site surpassed all goals by attracting over 170,000 unique visitors who spent an average 8:13min on the site, achieving a 92% completion rate. This was accomplished solely through peer-to-peer shareability, without any traditional marketing investment.

How does it actually work?

The web tool uses a slider. It invites users to indicate how much they agree or disagree with each issues statement, rather than requiring a binary 'yes' or 'no' response. This produces a nuanced result that still has a compelling and sensible political basis moderated by a panel of experts. Users can find out which parties are closest to their values overall and issue-by-issue.

Date: 14/04/2015

Type: Awards and Appointments

Categories: Home Page article



Fashion designer Jennifer Whitty one half of a new social clothing enterprise Space Between with examples of the corporate uniforms before they were redesigned.

Space Between aims to fill a fashion gap

Turning discarded uniforms into fashion chic is the brainchild of Massey University fashion design lecturers Jennifer Whitty and Holly McQuillan, who believe their new social enterprise will enhance the way design staff, students and the fashion industry work together.

Dubbed Space Between, the venture is part of a global movement challenging waste and exploitation in the fashion industry. It will operate in the third space where students, staff and industry (including corporate uniform supplier Booker Spalding, using old uniforms provided by NZ Post, and manufacturers Earthlink) work collaboratively.

The two designers, based at the College of Creative Arts on Massey's Wellington campus, are planning to launch the enterprise with a flash mob in Midland Park of about 70 people. Participants will be holding a mystery event to promote a fashion revolution web site advocating less wastage in the fashion industry.

The event is being held on April 16, just a week before the second anniversary on April 24 of the collapse of a garment factory in Bangladesh killing more than 1100 workers. Known as Fashion Revolution Day, the event joins a global coalition across 60 countries of designers, academics, writers, business leaders and politicians calling for systemic revolution of the fashion supply chain.

Ms Whitty says supporters of the fashion revolution want to inspire a permanent change in the fashion industry by making people aware of the processes and effects of creating a garment, raising issues from cheap labour exploitation to excess clothing consumption. It's something Space Between advocates too.



The corporate uniform's new look

“The launch will offer practical commentary on the disposable use of fashion, the current focus on consumption and the issue of waste in the industry,” she says.

Both designers have visual examples of how this can be addressed by re-fashioning garments made from the discarded corporate uniforms that have been spliced up or conjoined to create original clothing.

Space Between also allows room for staff and students to test and develop alternative ideas to present to fashion industry suppliers like Booker Spalding, and NZ Post that provided the corporate uniforms.

Not for profit organisation Earthlink's involvement in the venture provides an avenue to promote the socially conscious exercise, Ms Whitty says.

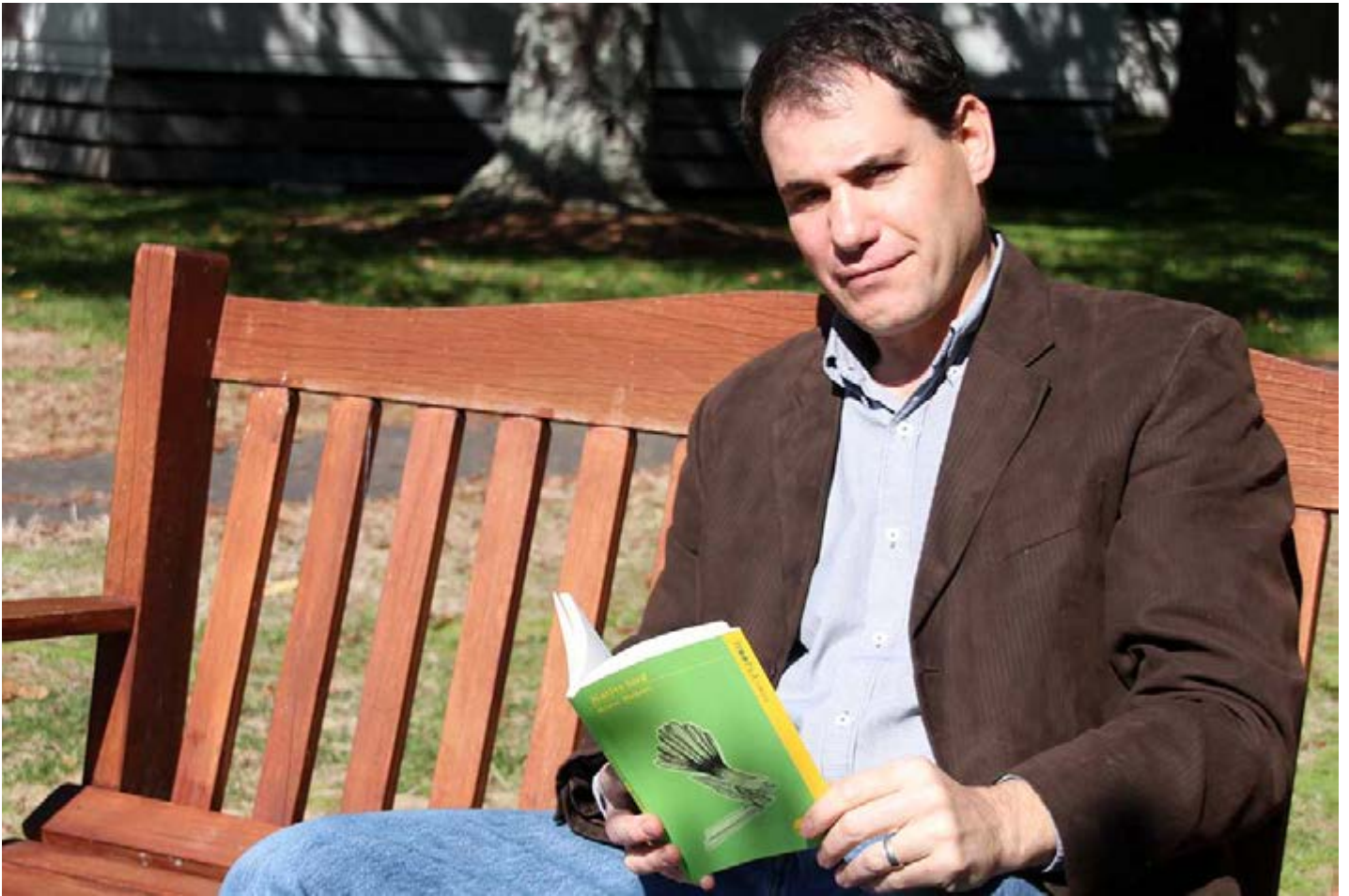
It demonstrates solutions to the industry's waste stream in the form of the limited edition clothing collection designed by the Massey researchers and made by Earthlink.

To view a [video](#) about the project to refashion discarded corporate uniforms click on the link with the password 'sb'

Date: 14/04/2015

Type: Features

Categories: Home Page article; College of Creative Arts; Feature; Research - Design; Wellington



Associate Professor Bryan Walpert

Poems reveal inner life of a new settler

Given the fantail on the cover and the title, readers may be forgiven for expecting Bryan Walpert's latest poetry book to be a series of odes to ornithology.

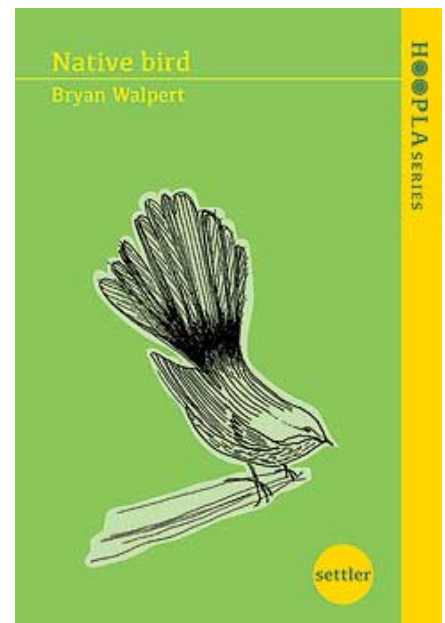
In *Native Bird* (Makaro Press) there's more than a hint of avian allusion and preoccupation. Kea, kiwi, kakapo and kotuku, as well as tui, saddleback and pied stilt are among the many New Zealand bird references throughout.

But the title, poems and prose poems in the US-born writer's third poetry collection use his interest in birds – and the language that describes them – as a lens for his observations and insights as a new migrant.

An associate professor in creative writing at Massey University's School of English and Media Studies, Dr Walpert arrived in the Manawatū just over a decade ago from Baltimore, Maryland via Colorado.

The publication of *Native Bird* – launching in Palmerston North this Thursday evening as part of the three-poet Hoopla series – marks a milestone for him as a more consciously New Zealand-based writer. It is his fifth book, and third poetry collection, but the first published here. His others were published in the US and the UK.

Lyrical, fragmentary, discursive – as a poet, he is committed to experimenting with language and its meanings, with its complexity and nuances. With “found language” from bird reference books, travel guides, sign posts and Wikipedia, as well as distinctions between birdcalls and songs that implicitly parallel that between prose poems and poetry, the collection grew this emerging theme that he turned into art.



Native Bird cover

Though the details in *Native Bird* are not to be taken strictly biographically, they trace and explore the emotions, geographies and impressions of his life as a migrant, including the births of his two children in New Zealand (his own “native birds” to whom the collection is dedicated).

Language itself is a central topic. In *Worries about my daughter in a foreign tongue*, the prose poem describes a father's reactions and observations to his child's adoption of the vernacular. He notes new words and expressions that are both strange and yet familiar; *paddock*; *number eight*; *flat out*; *good as gold*; *right as rain*; *box of birds*.

Two of the poems in the collections have been finalists in international awards. *Objective Correlative* was one of 15 finalists in the prestigious American Rattle Prize in 2011, which attracted 6000 entries. *Manawatū aubade* was one of 50 finalists in the Montreal International Prize, which received about 2000 entries from 70 countries in 2013.

Dr Walpert says his sense of belonging here has been underpinned by his teaching role at Massey. “What's nice is that after nearly 11 years, my former [creative writing] students are becoming teachers – and they are sending me students. It's a whole new development.”

As a creative writing teacher and supervisor for students Masters and doctoral students, he says; “All the stuff I'm engaging with in my own work is also the stuff I'm engaged with as a teacher, and with my students – an interest in found language, in discourse, in structures – in prose versus poetry, in language and how that can affect a poem. All my obsessions in my poetry are my obsessions in my teaching and they play on each other.”

He describes *Native Bird* as; “a very personal book and it mattered to me that it be published in New Zealand for New Zealand readers”.

Wellington-based Mākarō Press founder and editor Mary McCallum – herself a Montana New Zealand Book Award winner – discovered Dr Walpert's poetry when she was a creative writing tutor at Massey University – something she did for eight years until 2014.

“I attended a reading Bryan gave of his collection *Etymology* at one of the Massey Writers Read events – and I was blown away by the way he addresses the emotional through the intellectual, pursuing language – playing with it, interrogating it – at the same time as he uses it to understand and rein in feelings and personal events,” she says. “Every word, every comma, every line-break is a conscious decision – nothing is left to chance. As a reader you feel in very good hands, and excited by the potential for language in all its permutations, as well as moved by the world Bryan puts before you.”

She has followed his writing with interest, but feels that “he hasn't had the recognition he deserves in this country because he often publishes overseas”.

As the owner of niche publisher of New Zealand poetry series *Hoopla*, she read his manuscript and wanted to include it in the annual series of three poetry volumes. The other two are *Mr Clean & The Junkie*, by Jennifer Compton (formerly a writer in residence at Massey), and *Bones in the Octagon*, by Dunedin poet Carolyn McCurdie.

Book launches featuring all three poets in the Hoopla series 2015 are:

Palmerston North: Thursday, 16 April, 6.30pm, Palmerston North City Library

Wellington: Sunday 19 April, 4pm, Poetry at the Fringe, The Fringe Bar, Allen Street

Dunedin: Wednesday 22 April, 5.30pm, Dunedin Public Library

Date: 15/04/2015

Type: University News

Categories: Home Page article; Book; College of Humanities & Social Sciences; Creative Arts; Feature; Uni News



Dr Damien Fenton at a wintry Gallipoli he visited in February and below a picture of the mystery Newfoundland and New Zealand soldiers.

Gallipoli visit unearths more wartime mysteries

Historian Damien Fenton has returned home from a pre-Anzac Day visit to Gallipoli with a wartime mystery on his hands.

A photo he obtained of a trooper from the Wellington Mounted Rifles Regiment sitting with a member of the Royal Newfoundland Regiment made it into a local Newfoundland newspaper and radio station after he contacted them to seek further information about the two men.

The 900-strong Newfoundland Regiment served at Gallipoli in World War I with the Anzacs. They were the only North American unit to serve in that campaign arriving in August 1915 and staying until the final evacuation of British troops at Cape Helles in January 1916. Bonds were formed between the soldiers drawn from the British Empire's smallest dominion, Newfoundland and those of Australia and New Zealand, Dr Fenton says.

To honour this bond it has become a tradition of the Royal Newfoundland Regiment to observe Anzac Day with a ceremony at the Newfoundland War Memorial at St John's, the capital of the modern day Canadian province of Newfoundland and Labrador.

"The attached photograph is a rare example of this bond made real," Dr Fenton told Newfoundland newspaper *The Telegram*.

"I suspect that these two men are both Gallipoli veterans who have become friends while recovering from either wounds or illness in a military hospital in England, and who, both having sufficiently recovered to be discharged back to their respective units, have had this photo taken together before they part ways."



He says believes this is the most likely scenario for several reasons. The back of the photo says it was produced by Emberson and Sons, a British photography business located in Belgravia, London. Since the Wellington Mounted Rifles Regiment was never based in the UK during the war, Dr Fenton believes the only way for a New Zealander, wearing that regiment's uniform with easily identifiable slouch hat and leather riding gaiters, to find himself in London was if wounded or struck down by disease and taken to the UK to recover. Taking into account the presence of a soldier of the Newfoundland regiment it would date the photo as late 1915 or early 1916 as after that time all remaining Gallipoli casualties from the Wellington Mounted Rifles would either have been rejoined their unit at its new base in Egypt, transferred to the New Zealand Division in France or been invalided home.

Dr Fenton, an Honorary Research Fellow for the First World War Centenary history Series, who is based at Massey University's Wellington campus, was able to see for himself the environment Anzac soldiers lived in, when he visited the Gallipoli peninsula in February.

“It was bloody freezing – it was snowing on our first day – but, on the other hand, being winter meant we basically had the whole place to ourselves. Standing on Walker's Ridge and Russell's Top you couldn't help but be impressed by the beauty of the vista before you, the Aegean, the islands of Imbros (modern day Gökceada) and Samothrace on the horizon.

“It reminded me of a letter I'd read by a New Zealand soldier who had made the same observation, possibly from the very same positions, noting that it was hard to reconcile the horrors of the fighting going on around him with the natural beauty of the place. To me that summed up the feeling wherever we went – a bittersweet serenity tinged with underlying sadness in the knowledge of the terrible events that occurred there 100 years ago.”

He was there as an historical advisor for a special Gallipoli episode of the 'Descent from Disaster' TV series that focuses on the wartime experiences of former All Black Zinzan Brooke's grandfather Martin Brooke.

In addition, Dr Fenton is appearing in Anzac Day coverage on Māori TV, has published numerous Anzac-related articles as well as an essay for a book on Gallipoli by the Auckland War Memorial Museum and is recording audio interviews for radio broadcast in the lead up to April 25.

To contact Dr Damien Fenton with any information about the photograph please email d.m.fenton@massey.ac.nz

Date: 15/04/2015

Type: Research

Categories: College of Humanities & Social Sciences; Research; School of Humanities; Wellington



Dr Gina Salapata

Celebrating cultures through proverbs

Pearls of folk wisdom, inspiration and common sense handed down through the ages – all societies have proverbs. Now, Massey University Classical Studies senior lecturer Dr Gina Salapata has launched a project to collect proverbs from Palmerston North's diverse cultures.

She is working with the Palmerston North City Library on the Proverbs Project to collect, celebrate and showcase proverbs from Māori, English and the numerous migrant cultures of the city. And she hopes people will come forward with the proverbs they know and have grown up with, or remembered from their home country, and most importantly, those that resonate.

Dr Salapata, who is from Greece and has been fascinated by proverbs for a long time, says; “proverbs provide a valuable window to a culture as they reveal specific attitudes and beliefs. They also highlight the common threads between cultures and express the human condition in general.”

What's more, they can be fun, simple to understand and yet packed with truth, meaning and helpful advice that is applicable across generations and geographies, she says.

She came up with the idea for the project when she returned to Greece two years ago and was handed a list of 700 Greek proverbs her mother had collected, some even dating back to Ancient Greece. She says there are over 1000 Greek proverbs, many of them used in everyday life.

Dr Salapata, who teaches in the School of Humanities, says once enough proverbs have been collected, the project will culminate in a series of public activities, such as discussions, readings and an exhibition of proverbs, creative writing and illustrations based on proverbs.

She hopes schools will get involved too, as well as staff and students at Massey University from countries around the world.

The project has also got her thinking about New Zealand proverbs, or the lack thereof. While Māori language is rich with proverbs (whakatauki) (for example, *the kumara never talks about how sweet it is*), and we have

inherited plenty from our British and European ancestry, as well as created a range of Kiwi vernacular expressions – *she'll be right*, *sweet as*, *choc-a-block*, *good as gold* – we don't seem to have any home-grown proverbs in English. Or do we? Dr Salapata is keen to hear from anyone who has some examples.

Proverbs, by definition, are short, well-known, pithy sayings, stating a general truth or piece of advice. “They have rhythm and meter and often contain metaphors,” says Dr Salapata. “They're like little poems – they're nice to say.”

An example of a Greek proverb she has submitted to the project – “because I just happened to use it in an appropriate situation a couple of weeks ago” – is: *Even a saint responds to threats* (meaning that sometimes to achieve a goal you may need to use threats because even a person in a powerful position – including a supernatural being – will likely respond when threatened).

A couple of her favourite Greek proverbs are: *The tongue breaks bone though itself has none* (an English parallel is: *The pen is mightier than the sword*); and *The donkey called the rooster big-headed* (which is similar to *The pot calling the kettle black*, or the expression: *Look who's talking*).

And an Ancient Greek proverb still used today: *Along with (the goddess) Athena, move also your hand*. (English equivalent: *Heaven help those who help themselves*).

The motto for the Proverbs Project is: *A conversation without proverbs is like stew without salt* (Ethiopia).

To submit a proverb click [here](#). All entrants will go into a draw to win small prizes from local businesses, including ethnic restaurants.

Date: 16/04/2015

Type: University News

Categories: College of Humanities & Social Sciences; School of Humanities; Uni News



Wellington campus registrar Deanna Riach with members of the Territorial Forces Employer Support Council

Reserve Forces honour Massey

Massey University has been honoured for its ongoing support of the New Zealand Reserve Forces.

Campus registrar Deanna Riach accepted the award from the Territorial Forces Employer Support Council that communicates to employers the importance of the Reserve Forces for New Zealand's strategic military capability and the advantages of having employees train in the military.

Vice-Chancellor Steve Maharey was appointed by the Minister of Defence to the National Council, while Ms Riach is a member of the council's regional support committee for Wellington and Hawke's Bay.

Last year she was also a patron of the Youth Development Unit intake at Trentham Army Camp.

The award is a significant one in the year New Zealand marks the centenary of the Gallipoli landings, she says.

"It's also significant given the Wellington campus' proximity to the new World War I commemorative museum exhibition in a building occupied for many years by the University."

Date: 17/04/2015

Type: Awards and Appointments

Categories: Awards and appointments; Wellington



Massey University Vet Emergency Response Team members assisting Zoe the mare stuck in a drain

Emergency vet team leads smooth rescue of horse

A local vet, a digger and the quick thinking of the Massey University Veterinary Emergency Response Team (VERT) have been credited for rescuing a horse who stumbled down a hill on Friday.

Fourteen-year old mare Zoe became stuck in a drain at the bottom of the hill on Friday evening. When her owners Kylie and Blair Olynsma discovered her on Saturday morning, they contacted their local vet Keith Christensen from Levin and Horowhenua Veterinary Centre, who then mobilised the VERT team.

A team member was onsite rapidly to assess the situation and formulate a plan. Further team members and equipment were then mobilised. After attending to the horse's and personnel safety, Zoe was extracted using a modified sideways drag whilst anaesthetised. The Olynsma's neighbour Aaron Kane assisted with his digger to create a smooth path that the horse could be extracted along.

Once Zoe was a safe distance away from the drain, she was warmed up and the anaesthetic was partially reversed. She was able to stand and, although very wobbly, began eating grass straight away. Zoe was treated for bruising and contamination of her eye but was otherwise unharmed.

VERT acting manager Rachael Stratton said the rescue went smoothly. "I give credit to the owners for staying calm, having some equipment on hand and assisting with the rescue. The vet offered excellent veterinary treatment, and the neighbour's digger was integral to the rescue."



Zoe after her ordeal with owner Kylie Olynsma

“We were able to implement many of the large animal emergency rescue techniques that we teach in our courses.”

VERT will be running more technical large animal emergency response courses later this year.

The Massey University Veterinary Emergency Response Team is a specialist team of veterinary staff trained in animal disaster management, technical animal rescue as well as veterinary treatment. Their capabilities include responding to local and national calls for individual animal rescue as well as national, and potentially international, disasters involving companion and production animals. It is a charitable organisation, relying on donations and sponsorship to enable its full and ongoing function.

For more information please contact the [Massey University Foundation](#) or visit the [VERT Facebook page](#).

Date: 20/04/2015

Type: University News

Categories: Any



The graduation parade proceeds from The Commons along Hurstmere Road to the Bruce Mason Centre in Takapuna

Lizzie Marvely to join Massey's latest graduates

Singer-songwriter Lizzy Marvely will join Massey University's latest list of graduates when she crosses the stage on Thursday to receive a Bachelor of Arts in English and Psychology.

She is one of 1205 students receiving their degrees in six ceremonies spanning four days at Takapuna's Bruce Mason Centre.

Twenty-five PhDs and 197 master's degrees will be conferred, with one of the PhD candidates, Sione Vaka, the first Tongan male nurse to receive a doctorate in Nursing.

Ms Marvely, who recently sang the national anthem at the Cricket World Cup final, will also perform at the first two graduation ceremonies on Tuesday.

"I'm looking forward to performing at graduation – and to attending my own!"

She is the first arts-focused student to be included in Massey's High Performance Programme, which is usually the domain of athletes and professional sportspeople.

Lizzie Marvely performs at Auckland grad...



Watch Lizzie's performance and interview.

Commonwealth Games 400m sprinter and hurdler Zoe Ballantyne will graduate in the same ceremony with a Bachelor of Communications.

It will also be an auspicious celebration for the College of Health, alongside Mr Vaka's graduation the first cohort of nursing students from the Auckland campus will also graduate. Pro Vice-Chancellor of the College of Health Professor Paul McDonald says the College is going from strength to strength as stronger connections are being made with communities in New Zealand and internationally.

"100 per cent of the nurses graduating passed their registration examinations, and all were hired within weeks of completing their final course," Professor McDonald says. "This is very pleasing as Massey University's nursing programme is New Zealand's number one ranked nursing research programme."

Māori and Pasifika graduates will also be honoured with ceremonies to acknowledge the special place the students hold in the University. The Māori celebration on April 22 at 6.30 pm and the Pasifika celebration will be held on April 23 at 6pm. Both will be held in the Sir Neil Waters Lecture Theatre foyer.



Sione Vaka is the first Tongan male to graduate with a PhD in nursing

Massey streams its graduation ceremonies live on the internet so family and friends can watch the ceremonies from anywhere in the world. Following the ceremony, the videos are made available on Massey's YouTube channel, where graduates can create a custom link to the exact moment they crossed the stage and share it.

Check out the graduation website to share this [link](#) with anyone who wants to watch it live.

Date: 20/04/2015

Type: Graduation

Categories: Home Page article; Academy of Sport; Alumni; Auckland; Awards and appointments; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Extramural; Feature; Graduation; Graduation (Auckland); International; Maori; National; Pasifika; School of Psychology; Uni News



New Massey video on how to work with the news media

Numerous Massey University academics have built strong bonds with national and international news media outlets over many years. They are regularly asked provide expert analysis and comment on issues, and in many cases their names become synonymous with their fields of research and teaching.

This often requires time outside normal working hours but it enhances the reputation of individuals as well as research centres within Massey and collaborative research teams across institutions. Additionally, it enhances Massey University's standing as a world leader in its areas of specialisation, one of our big goals (Research and Enterprise).

It also assists in achieving several other goals: Strengthening connections with partners and stakeholders (Connections); extending our reach so that we operate worldwide (Internationalisation); and contributing to – and providing innovative responses to – understanding of social, economic and environmental issues (Responsibility).

External Relations communications and account management staff have been helping staff work with reporters and news producers by offering advice and assistance on how to "do" media, whether through news releases, broadcast interviews, expert opinion columns, and communicating internally with other Massey staff.

Many of the External Relations staff have extensive experience in the news media and in public relations at the highest levels. A video, presented by one those experienced media specialists, former television presenter and reporter Genevieve Westcott, now the account manager for the College of Health, has been produced to help staff working with the news media.

Date: 20/04/2015

Type: Internal Communication

Categories: Any



The gala dinner at the NZ Food Awards

Entries open for the 2015 NZ Food Awards

Entries have opened for the NZ Food Awards, providing local food and beverage producers with the opportunity to highlight the success of their products and businesses.

The NZ Food Awards, in association with Massey University, enable producers of all sizes to showcase their products, receive feedback from an expert judging panel, benchmark themselves against industry peers, and achieve recognition and profile to grow their brands and business.



The NZ Food Awards are presented in association with Massey University

Importantly, winners are eligible to use the NZ Food Awards “Quality Mark” which highlights the award-winning products as “the best of the best” to both consumers and industry, which can help boost sales and distribution locally and overseas.

Award categories are open to small and large food and beverage manufacturers, primary food producers, food service providers and ingredient supply companies.

Massey University Vice-Chancellor Steve Maharey says the annual awards programme celebrates new initiatives in New Zealand food and beverage manufacturing in nutrition, enterprise and food safety.

“The NZ Food Awards is a great opportunity for the companies and people contributing to the success of New Zealand's food industry. It's a chance to showcase innovation and excellence in an industry that makes up New Zealand's largest export earner.”

Sealord Group took out the 2014 NZ Food Awards Massey University Supreme Award with its Hot Manuka Smoked Salmon. Sealord Innovation Manager and Massey University alumni Matt Mays says winning the award was recognition for the hard work put in by his team in bringing the product to life.

“We were up against some amazing products so we were stoked to win. This was a product we were really proud of so we wanted to see how it measured up against others in the industry. It was fantastic to see it come out on top and reap the benefits,” he says.

“Having access to the Quality Mark has been a great way of communicating the quality of this product to consumers. Any food or beverage manufacturer thinking of entering the competition should go for it – it's worth it.”

The award categories are tailored to large and small producers. Large manufacturers are judged on sensory experience, packaging, innovation, manufacturing capability, food safety and research and development. They can enter products in Beverages, Dry, Deli, Frozen and Chilled/Short Shelf Life categories.

Small manufacturers can enter products in the Convenience, Gourmet and Indulgent categories, which are judged on technical excellence and consumer appeal. Awards are also available for health and wellness, novel ingredients, new cultivators/primary producers, food safety and quality and innovation.

The NZ Food Awards are made possible thanks to Massey University and the family of strategic and supporting partners: Auckland Tourism Events and Economic Development (ATEED), AsureQuality, Countdown, FoodHQ, Ministry for Primary Industries, New Zealand Trade & Enterprise, Rabobank, The Foodbowl, The New Zealand Herald and Villa Maria.

Entries for the competition close on Friday July 10. For more information, please visit the [website](#).

Date: 21/04/2015

Type: Awards and Appointments

Categories: Home Page article; Alumni; Applied Learning; Auckland; Awards and appointments; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Creative Arts; Explore - Food; Explore - HEALTH; Feature; Horticulture; Innovation; International; National; Palmerston North; School of Economics and Finance; School of Food and Nutrition; Uni News; Wellington



International bankers to learn from NZ agri-commerce

Bankers from India and the Philippines are coming to New Zealand to get a taste of how rural banking works here and what is important to the financiers who run the sector and the farmers it serves.

They are in Wellington today and tomorrow visiting the Reserve Bank and Rabobank head office, Wairarapa tomorrow visiting an olive grove and winery, and Manawatū on Thursday visiting provincial president for New Zealand Federated Farmers, James Stewart, on his dairy farm and touring the campus of Massey University, which organised the visit along with the Asia Pacific Rural and Agricultural Credit Association.

The association's goal is to alleviate poverty in the Asia-Pacific region by improving rural and agricultural business, particularly finance. It works closely with Massey University's Centre for Professional and Continuing Education to organise professional development events in New Zealand.

They will get a comprehensive and balanced view of rural banking and finance in New Zealand – from the policy level to on-farm applications, programme co-ordinator for the centre, Christina Baldarelli, says.

She says the programme is becoming increasingly popular. "This is the third delegation in 15 months to visit New Zealand to study best practice. It shows increasing interest from the Asia-Pacific community in how New Zealand rural finance practices are working for our farmers."



Other key contributors to the programme have included Rabobank, ASB Bank, NZ Federated Farmers, The Reserve Bank of New Zealand, and Embassy of the Philippines.

Date: 21/04/2015

Type: University News

Categories: Explore - Agriculture/Horticulture



Caption: Visual communication design students Harmony Repia (left) and Gili Sharrock, with Ben Davies of St Kilda Football Club, proudly display their design to be worn at Westpac Stadium on Anzac Day by St Kilda players.

Student guernsey designers count down to Anzac AFL match

With just days to go till the Anzac Day AFL clash in Wellington; excitement is building for the designers of the guernsey to be worn by the St Kilda Saints in its match against Carlton at Westpac Stadium.

For the second consecutive year Massey University's design research studio Open Lab collaborated with St Kilda (Australian Rules) Football Club to design a special Anzac Day sleeveless top.

The two students, Harmony Repia and Gili Sharrock chosen to complete the commission from Open Lab have incorporated themes of Trans-Tasman camaraderie as represented by the Anzac tradition in their design. Students at Open Lab, based at the College of Creative Arts in Wellington, are paid for their work and get to experience a genuine commercial design environment while being mentored by recent graduates and college staff.

St Kilda's strategic projects manager Ben Davies, says anticipation is reaching fever pitch about the match and excitement about Massey's involvement designing the team strip.

"We have again been so impressed with the design team from Open Lab and the interpretation of the brief has led to a brilliant look for this year's guernsey."

The two visual communication design students incorporated into their design essential motifs like the rising sun badge prominent in Australia and a stylised poppy more commonly seen in New Zealand on Anzac Day, along with 100 crosses denoting the centenary of the Gallipoli landings.

Australians typically wear the poppy on Remembrance Day each November 11 marking the armistice that ended World War I in 1918.

“We tried to tell the Anzac story through the design allowing it to explain the 100 year connection of comradeship between the two countries,” Harmony says.

“After designing the guernsey I have definitely been thinking more about Anzac day and the match. By working on this brief it has opened doors relating to other projects surrounding the same topic, for example researching the First World War as my major for my final year at Massey.”

She is a past spectator of St Kilda matches at Wellington, while Gili has previously coached Australian Rules football to Wellington school children in a previous job for AFL New Zealand.

“Working with St Kilda was an awesome experience and the uniqueness of the brief made the design process really interesting, it’s not everyday you get to design a guernsey. It was also nice to be able to combine both our passions of sport and design to commemorate such a significant event.”

Mr Davies says the designers have come up with a look that is truly evocative of the links between Australia and New Zealand.

“With such a special year between our two countries we wanted a design that our team could be proud of wearing on Anzac day and we have certainly received this from Harmony and Gili.”

Open Lab director Anna Brown says throughout the planning stages the design team was conscious of the significance of the occasion.

“The international scale of the project is emphasised by the Anzac connection and the fact its 100 years since that was forged, and ideally we would like to see a strong concentration of Massey people including 100 students getting along to the game.”

Being approached to work on this project is recognition of the importance of design, and the quality of the work by Massey design students, Open Lab and the College of Creative Arts, she says.

One of the designers of last year’s Anzac Day guernsey, Jason Sheardown, mentored this year’s designers on the project too.

Date: 21/04/2015

Type: University News

Categories: College of Creative Arts; Creative Arts; Wellington



Traditional and new substance issues will be discussed at the symposium

Addiction symposium tackles multiple issues

The sixth annual National Addiction Research Symposium gets underway on April 22 at Massey University's SHORE & Whariki Centre in central Auckland, aiming to tackle both traditional and "new" substance use issues.

Senior researcher in drugs and one of the organisers of the symposia Dr Chris Wilkins says it's the first time Massey University has hosted the event, which is run in collaboration with the Universities of Auckland, Otago, Victoria and Canterbury, Matua Raki, and the Health Promotion Agency.

"This symposium provides a forum for New Zealand addiction researchers and post-graduate students from all disciplines to meet and share their recent research, and to allow for focused discussions on alcohol, legal high and other drug issues of common interest to researchers, policymakers and the wider public," he says.

Presentations include what happens when recreational drug users turn up at emergency departments suffering from adverse effects, by Dr Paul Quigley from



Dr Chris Wilkins

the Christchurch District Health Board Emergency Department; Professor Peter Adams from the University of Auckland on the influence the alcohol, tobacco and pharmaceutical industries can have on policy and regulation; and SHORE Director Professor Sally Casswell discussing an international research collaboration measuring the impact of alcohol policy change in 11 countries.

Dr Wilkins will be presenting a paper on the impact of the regulated legal market for new psychoactive substances (also known as “legal highs”) and other drug use in central Auckland following the passage of the *Psychoactive Substances Act 2013*.

The day-long symposium also enables student researchers to present and be supported by senior researchers in the addictions field.

Registration is free and the meeting is open to the public.

For more information please contact [Dr Chris Wilkins](#) or call 09 366 6136.

Date: 21/04/2015

Type: Research

Categories: Applied Learning; Auckland; College of Health; College of Humanities & Social Sciences; College of Sciences; Conference/Seminar; Environmental issues; Explore - HEALTH; Feature; National; School of Health Sciences



Massey University Business Boot camp attendees (from L-R): Chelsea Martin, Alice Kim and Hannah Cronin.

Students jump into Business Boot Camp

Some of the North Island's best commerce and economics students have just given up a week of their school holidays to immerse themselves in the world of business.

Seventy students from 33 secondary schools – from Kerikeri to Palmerston North – signed up for Massey University's annual Business Boot Camp, with the local North Shore area well-represented with attendees from Albany Senior High School, Carmel College, Long Bay College, Rangitoto College, Rosmini College, Takapuna Grammar and Westlake Boys and Westlake Girls High Schools.

This year the camp was over-subscribed, with all places on the programme filled within a week of registrations opening.

“Word of mouth about the first boot camp last year has really spread through the teacher network,” says co-organiser Dr Jeff Stangl from the Massey Business School. “Some teachers had tough decisions to make as we usually only take two students per school.”

Business Boot Camp is the brainchild of Dr Stangl, who lectures in finance, and his wife Dr Loren Stangl, who lectures in marketing at Massey University. It's aim is to expose students to all aspects of business so they can make more informed decisions about their future studies and careers.



90 Seconds video of students visiting GridAKL.

“We want to really open up their eyes to what they can do when they leave school, possibly to opportunities they haven't considered,” Dr Stangl says. “Most of these young people will have multiple careers and we want them to go out there knowing that a career in business can mean many different things.

“It's about exposing them to a whole variety of ideas to help them find their own way, to inspire them to become the next generation of business leaders.”

Some of New Zealand's biggest organisations opened their doors to the students, including the NZX, Microsoft, Air New Zealand and GridAKL, the new technology and innovation precinct at Wynyard Quarter. For many students this was the programme's highlight.

“I am grateful to have had the opportunity to visit numerous well-known and exciting businesses, which has really opened my eyes to the roles out there,” says Hannah Cronin, a Year 13 student from Westlake Girls. “It's been great to hear what people within these businesses have had to say about their roles and what it's taken to be successful.”

Takapuna Grammar student Alice Kim and Chelsea Martin from Westlake Girls identified the networking opportunities as key to the Business Boot Camp experience.

“I loved the experience of getting to know like-minded students and such inspirational leaders,” says Ms Kim.

The students found the combination of fundamental business concepts and practical 'soft skills' was what made the programme unique, as well as the opportunity to mix with other highly-engaged students.

“Everyone at Business Boot Camp actually wanted to be there and were motivated to participate,” says Ms Martin. “At school you have teachers asking questions and everyone looking blankly at them.”

They also learned a lot about themselves.

“The key thing I realised was the importance of being comfortable with facing challenges and being proactive,” Ms Kim says.

Ms Cronin says she learned not to be scared of failure. “During Business Boot Camp I learned that your failures shouldn't prohibit you from moving forward, that you should use them as lessons to learn from and to keep progressing.

All three students are considering careers in business and say they will return to their schools with new skills and, more importantly, many new friends.

“I have met so many lovely people from all over the country, which has been really exciting, as well as gaining knowledge and confidence for my future endeavours,” says Ms Cronin. “I'd definitely recommend Business Boot Camp to next year's Year 12s and 13s as it's something everyone can benefit from.”

Date: 21/04/2015

Type: University News

Categories: College of Business



Distinguished Professor Harjinder Singh

Another international honour for Distinguished Professor

The head of the newly-formed Massey Institute of Food Science and Technology (MIFST) Distinguished Professor Harjinder Singh has been elected a Fellow of the United States Institute of Food Technologists (IFT).

The IFT is the largest union of food scientists in the world and, for more than 70 years, has been unlocking the potential of the food science community by creating a global forum comprising of members from more than 95 countries. The IFT focuses on food security, food safety, sustainability and food education.

Professor Singh says it is an honour to have been elected a Fellow.

“It is a further demonstration of the international profile and impact of food science and technology research and education programmes of the Riddet Institute and Massey University.”

Professor Singh says Fellows are expected to take a leadership role within IFT and participate in think-tanks and taskforces. He will travel to Chicago in July to accept the honour.

Riddet Institute co-director Distinguished Professor Paul Moughan says Professor Singh's election is a unique professional distinction given to individuals with outstanding and extraordinary qualifications and experience, as well as for their contribution to the food science and technology field.

“Only 10 or 12 people are elected as Fellows each year, and most are US-based,” he says.

College of Health Pro Vice-Chancellor Professor Paul McDonald says New Zealanders are very fortunate to have someone of Professor Singh's leadership.

“Professor Singh's world-class expertise as the head of the Massey Institute of Food and Nutrition contributes to making us a leader in food and health innovations in New Zealand, offering integrated

research and education across the entire food and health value chain.”

Professor Singh is a key figure helping to align the School of Food and Nutrition with Riddet Institute Centre of Research Excellence-related activities. Professor Singh is the Head of the School of Food and Nutrition and Riddet Innovation, and also serves as co-director of the Riddet Institute CoRE, while Professor Moughan is the other co-director of the Riddet Institute CoRE.

The new organisation allows students to benefit from the best of both worlds with excellent academic and teaching programmes on one hand, combined with world-class research opportunities Professor Singh says. The collaboration will ensure leading-edge programmes for students, who will graduate with exciting careers in food innovation, and a better understanding of the big food and nutrition issues facing New Zealand and the world.

Date: 21/04/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Health; Explore - Food; Explore - HEALTH; Feature; Innovation; International; National; Palmerston North; Research; Research - Future Food Systems; School of Food and Nutrition; Uni News



International partnership to treat cartilage disease

New Zealand and Korean research institutes are embarking on a three-year project to find viable treatment options for human and horse cartilage loss using the latest 3D bioprinting, stem cell and animal modelling techniques.

Scientists from Massey University and the University of Otago in New Zealand as well as Seoul National University, the Korean Institute of Science and Technology, Advanced Institutes of Convergence Technology and Kangstem Biotech in Korea are part of the newly-established strategic research partnership, funded by the Ministry of Business, Innovation and Employment.

The partnership aims to develop ways of regenerating degraded or lost cartilage in people who have cartilage disorders before it leads to osteoarthritis. The researchers will first investigate these disorders in horses, whose knee cartilage has a similar shape and load-bearing function to humans.

Scientists aim to create specialised 3D bioscaffolds that mimic the texture and shape of cartilage in the knee joint. Using these scaffolds, they can then use stem cells obtained from umbilical cord blood to grow chondrocytes – the cells that are found in, and create, healthy cartilage. The chondrocytes and their supporting scaffold will then be implanted into the knee joint of horses to see if they will regenerate the cartilage there.

Massey University Professor of equine clinical studies Chris Riley says the strength of the partnership lies in bringing together scientists from different disciplines. “Innovation comes from sharing research capabilities. Massey brings expertise in animal research and animal modelling with the University of Otago developing



Professor Chris Riley

the scaffolds, and researchers from Seoul working on innovations in the isolation of stem cells from cord blood.”

The partnership developed their project plan at their first workshop meeting in Seoul in March with the project running through to 2017. If the technique is successful in horses, substantial progress would have been made towards human trials.

Date: 22/04/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - HEALTH; Innovation; School of Veterinary Science



Caption: Visual communication design students who will be mentored by youth wellbeing social innovation lab Lifehack.

Lifehack and Massey designers team up for wellbeing

Improving everyday wellbeing for young Kiwis through social entrepreneurship will be one of the focuses of an exciting new project for visual communication design students at Massey University in Wellington this year.

[Lifehack](#), New Zealand's youth wellbeing social innovation lab, is teaming up with the visual communication design programme to help mentor up to 150 students. Lifehack will help students to develop a range of innovative responses to the latest research on positive psychology and resilience.

Senior Lecturer Tim Parkin describes the partnership as “providing the design school with an opportunity to build on current course content in the area of social entrepreneurship.” Lifehack will introduce students to new research into elements of wellbeing such as belonging and identity, mindfulness and sleep, as well as the role of technology in wellbeing interventions.

Senior Lecturer in Design, Mark Bradford, says the design challenge will be part of a level three paper in the second semester of 2015. “We're thrilled to expand our course offerings by connecting with the Lifehack team. The collaboration will not only facilitate design responses to societal issues, it will also be a way to encourage those students who prefer social entrepreneurial projects rather than the traditional commercial space.”

Students will undergo a three-month guided design process. Their ideas will be reviewed and critiqued by Massey design lecturers and the Lifehack team. They will then be able to take their ideas further through postgraduate study or Lifehack initiatives.

Co-leader of Lifehack Sam Rye expressed excitement to be working with some of the brightest young minds who he hopes will help bring fresh approaches to how health and wellbeing interventions are conceptualised, designed and developed.

“Massey's design school is a perfect partner for this pilot of an New Zealand-wide student design challenge, as the students are trained to work across disciplines with collaboration at the heart of how they operate.”

Lifehack is part of the Prime Minister's 'Youth Mental Health Project,' and supports a range of projects, people and ventures to generate innovative wellbeing interventions through technology.

About Lifehack

Lifehack is on a mission to enable 100 per cent of young people to flourish by 2050.

Lifehack brings together like minded people who are keen to make things happen from a range of disciplines through offline meet ups where people are able to work together to create and collaborate. Lifehack bridges this community with the latest wellbeing research from academia and civil society, and leading mentors from creative and health sectors to create technological interventions for a thriving future. It is a programme run by [Enspiral Foundation](#) - a social innovation collective founded in Aotearoa New Zealand. Lifehack is part of the [Prime Minister's Youth Mental Health Project](#) a package of initiatives aimed at improving the mental health and wellbeing of young people.

Date: 22/04/2015

Type: University News

Categories: College of Creative Arts; Creative Arts; Wellington



The gap in affordability between Auckland and the rest of the country is now at its largest.

Report highlights two-track property market

The latest Massey University Home Affordability Report underlines New Zealand's "two-track housing experience", says its author Professor Paul Gallimore from Massey's School of Economics and Finance.

Figures from the most recent quarter – December 2014 to February 2015 – show an improvement in affordability across New Zealand of six per cent, but Auckland and three other regions bucked this trend.

"When you look at the past 12 months, houses in Auckland are now over 22 per cent less affordable while, for the country as a whole, the annual deterioration in affordability is only 10.4 per cent," Professor Gallimore says. "These figures underline the ongoing two-track housing experience of New Zealanders."

Over the past year the 10.4 per cent fall in affordability has been driven by a modest 3.6 per cent rise in house prices and a 0.5 per cent rise in interest rates, which outstripped the 2.3 per cent increase in the average weekly wage.

"But the situation in Auckland is quite different – wages actually rose at less than the national average while the median house price rose by a substantial 14 per cent, or \$83,000," Professor Gallimore says.

"The recent improvement in affordability in many regions really accentuates the high costs in Auckland. Our largest city is now 49 per cent less affordable than the rest of the country – and that's a larger gap than we've had at any other time in the 25-year history of the Massey Home Affordability Report."

Professor Gallimore says this divergence in regional experience is likely to continue throughout 2015.



Professor Paul Gallimore.

“While house prices are currently dropping in some regions, that's not the case everywhere – most notably in the country's largest city,” he says.

“Will Auckland's affordability continue to move apart from the rest of New Zealand? That will hinge on how supply and demand factors play out in that market, but the answer could well be yes.”

Download the entire Home Affordability Report, which provides regional data, at: <http://bit.ly/home-affordability-mar2015>

Key findings:

- Annual deterioration in national affordability of 10.4%.
- Quarterly improvement in national affordability of 6.0%.
- Auckland is one of four regions (alongside Otago, Nelson/Marlborough and Taranaki) to show continuing declines in affordability over the last quarter.
- Auckland's unaffordability relative to the whole country is now at its highest level since the Massey index began.

Least affordable region: Auckland – 49% more unaffordable than national average

Most affordable region: Southland – 52% more affordable than national average

Date: 22/04/2015

Type: Research

Categories: Home Page article; College of Business; School of Economics and Finance



What should we tell children about money?

Being a parent can be one of the most rewarding jobs you can have. But it does present us with daily challenges, including decisions about what things to expose our children to. One of the questions I am constantly asked by parents is what should they teach their children about money, and at what age.

My answer is everything that you can realistically share with your child, without complicating matters, is helpful and it is never too early to start having 'money talks'. Talking about money is no different to talking about how to keep healthy or how to keep safe when using the internet.

If your six-year-old's notion of money is something that "mum and dad get from a machine", maybe it is time to sit back, reflect and ask yourself some questions. As a parent are you preparing your child for the complex world that lies ahead? Do they really know how hard their parents work to generate an income for the family and meet all their expenses? Do they even know what real money looks like?

Moving money from an abstract concept to something tangible that is earned and saved before it is spent is an important step for children to understand. Children are more intelligent than we adults often give them credit for. They are also more understanding and resilient – if there are tough financial situations to explain, what children appreciate most is honesty, consistency and facts.

So, if you don't have enough money to buy something your child has asked for, be honest and put the facts in front of them. Explain the difference between things the family **needs** and the things that they **want**.

Tell them that all the 'need items' must be purchased first, and then you will see if there is enough money left in the budget to buy what they want. And if there isn't, tell them how you the item can be budgeted for – and



Fin-Ed Centre director Dr Pushpa Wood.

how you can both work towards saving for it over time.

So, what is the right age to start having these conversations? I would say as soon as they are able to understand. However, what your child needs to know at the age of four or five is very different to what they need to know at the age of 10, 15 or older.

Research by the Westpac Massey Fin-Ed Centre shows that most young people get their financial information from their parents so it is important that parents provide a good foundation for future financial wellbeing. Make it a 'learning experience' from an early age.

The initial conversation with a four to five-year-old does not have to be about money. Start with the concept of 'delayed gratification'. It is a powerful way of teaching children that there are benefits in waiting for things. They also need to know that not every demand they make is going to be fulfilled instantly. Every family has a limit to its available resources, even the very rich need to have plans for their money.

Children also need to be made aware that they will sometimes have to go without things they want. They need to understand that, as a parent, it is your moral, legal, social and ethical responsibility to look after their **needs**, but that you are not obliged to pay for all their **wants**. But explain that you are happy to work with them to help them save for the things they want.

Another common question is, how much should you tell your children. Should you tell them how much you earn, how much debt you have and what, if any, savings you have in the bank?

There are varied opinions on this. Some parents feel that they should be totally transparent with their children, while others feel that they don't need to know that level of detail. Either way, children should have a general idea about the household's income and expenditure.

If you want your children to learn about living within their means and saving for the things they want, then it is a good idea to involve them in setting the household budget. This is a great exercise that leads to money-related discussions, including how much money should be allocated to each item, setting priorities, identifying needs and wants and aiming for a small surplus in your budget if at all possible.

Children need to know from an early age that money is not an endless resource and there are times when you may not have enough money for the things they want to buy. It is a good idea to discuss options in such cases. You will be surprised at some of the creative solutions children come up with.

The main thing is to involve children in money discussions; give them some responsibility and an opportunity to manage money from an early age so they understand its value; and, above all, ensure they understand the difference between **need** and **want**.

Dr Pushpa Wood is the director of the Westpac Massey Fin-Ed Centre, a financial education and research centre co-funded by Westpac and Massey University.

Date: 23/04/2015

Type: Features

Categories: College of Business; Fin-Ed

Staff conferences 2015: tell us what you want to hear

Input from staff is being sought for the programme and possible speakers for this year's staff conferences, to be held on all campuses in June and July.

The one-day conferences are open to all staff. This year's title is: It Starts With Us: Delivering a Defining Experience. The theme is: Creating a culture of service excellence.

Dates are: Wellington June 10, Manawatū July 1, Auckland July 6; all will be from 9.30-4pm.

There is an opportunity for key services host stands to promote what they do, answer questions and seek suggestions for service improvements.

The keynote address will be from a representative of a leading service organisation that has achieved recognised shifts in its service culture and satisfaction with its stakeholders.

To enable us to finalise the workshops and speakers a [quick survey](#) has been developed. It closes next Wednesday so please take a few minutes to complete it now and provide your feedback. Further information will be sent next month confirming the programme and venue for each campus.

Date: 23/04/2015

Type: Internal Communication

Categories: Any



Dr Annie Zhang at her graduation this week.

PhD grad hopes thesis will improve financial literacy

Dr Annie Zhang, who graduated with her PhD from Massey University this week, hopes her thesis will help improve the financial literacy of Kiwi families.

She chose to research the factors that influence investor behaviour because it was “an area where I could make a real contribution to the wellbeing of everyday New Zealanders”, she says.

It's long been assumed that an investor's own personal characteristics and the financial advice they receive shapes their decision making. But Dr Zhang has found that the strongest influence of all comes from those you live with.

After being given access to databases containing over 600,000 investor accounts from four large KiwiSaver providers and one bank, Dr Zhang was able to analyse the factors that influence individual investor behaviour.

One of her key findings was the extent to which members of the same household invest in the same way.

“I found that almost two-thirds of people hold the exact same investment fund – and therefore identical asset allocation – as the people they live with,” Dr Zhang says. “That means that people in the same household are at least two-and-a-half times more likely to hold the same investment fund.”

Dr Zhang says she was initially surprised by the extent of the influence that household members have on each other.

“The family and household are so fundamental that it is easy to overlook,” she says. “I'm sure there are many cases of what you could consider the ultimate peer effect – where one member of the household makes investment decisions for others.”

The influence of family on individual investment choices has both pros and cons, she says.

“On the one hand, it is good to know that the family and basic human relationships matter and play a significant role in the increasingly complex financial system. On the other hand, however, our reliance on family is problematic because of a real need for considered and educated responses to inform our decision making.”

Dr Zhang also found evidence of a strong family influence in the switching behaviour of investors, with investors much more likely to switch funds if someone in their household has switched.

“On average, investors only switch funds one per cent of the time. But if a household member switches, then that likelihood increases to 10 per cent for a six-month horizon.”

Dr Zhang says she she hopes her research sparks an interest in empowering households to improve their financial decision making.

“This is an idea that struck me as an exciting possibility for how we approach financial literacy in New Zealand. The evidence seems to suggest that what we need is a mix of formal and informal channels.

“We definitely need what financial institutions are already providing, but there is also scope for new modes of delivering financial literacy that target the spaces between people and work through whānau, friends, co-workers and our communities.

“After all, what a better place is there to start exploring financial behaviour than with those people who are already closely attached to us?”

Dr Zhang's thesis 'Essays on Household Behaviour and Individual Investor Behaviour' studied a range of factors that influence investor behaviour, including whether investors use past returns to choose funds, whether financial advice shapes asset allocation, and the relative importance of peer effects and personal characteristics on fund choice and asset allocation.

Key findings include:

- Female, younger and wealthier investors are more likely to choose funds that have achieved higher past returns.
- Female, older and wealthier investors are more likely to seek out financial advice.
- Investors who receive financial advice are more likely to invest in riskier assets.
- Over the five-year time frame of the study, seeking financial advice produced only a marginal difference on investment returns.
- People in the same household are at least 2.5 times more likely to hold the same investment fund.
- Co-workers are at least 1.4 times more likely to hold the same investment fund as others in their workplace.
- On average, investors only switch one per cent of the time; but if a household member switches, then that likelihood increases to 10 per cent for a six-month horizon.

Date: 23/04/2015

Type: Research

Categories: Home Page article; College of Business; Fin-Ed; Graduation; Graduation (Auckland); School of Economics and Finance



In Berlin to discuss urban super-diversity; Dr Matt Roskrige (University of Waikato), Distinguished Professor Paul Spoonley (Massey University), Dr Jia Ye (Massey University), Dr Angelique Praat (Massey University) and Dr Trudie Cain (Auckland Council).

Political parties need to embrace ‘super-diversity’

How communities and institutions – from the police and community groups to political parties – adapt to Auckland’s ‘super-diversity’ is the focus of a major study involving Massey University.

Distinguished Professor Paul Spoonley, a sociologist, is a principal investigator along with colleagues Associate Professor Robin Peace, Professor Natalie Jackson and Dr Angelique Praat in a six-year, \$5.5m study into the impacts of massive demographic changes in New Zealand. A key focus will be Auckland, where one in four people were born outside the country.

Super-diversity is the “new reality” that defines Auckland, Professor Spoonley says. And it is the reason the city is included in an international, German-based study on understanding the implications of urban super-diversity. Other cities in the study are New York, Singapore and Johannesburg.

Professor Spoonley says the speed and scale of population change in Auckland is having a profound impact on the way people live. “But our institutions are not necessarily keeping up with the changes in many cases,” he says. “Our political parties are struggling to know how to prepare for super-diverse constituencies.”

Being able to eat yum cha for lunch, hear people chat in Mandarin, Spanish or Arabic on the bus, or opting to seek treatment from a Chinese herbal medicine practitioner are all manifestations of the “everyday cosmopolitanism” that is now intrinsic to life in super-diverse Auckland, he says.

According to Statistics New Zealand’s latest census from 2013, there are 213 ethnic groups represented in New Zealand. Significant changes were the size of the non-majority populations, with 23 per cent of Auckland now Asian.

In light of these developments, the need for government, schools, health providers, sporting agencies and other key organisations to engage with new migrants from diverse backgrounds is critical, Professor Spoonley says.

Political parties across the spectrum also need to engage with sizeable new migrant communities from China and India as well as many other Asian, African, Middle Eastern and European groups to ensure a healthy, inclusive democracy, he says.

Professor Spoonley, Pro Vice-Chancellor for the College of Humanities and Social Sciences, says the \$5.5m in funding from the Ministry of Business, Innovation and Employment for the Waikato and Massey University project on diversity in New Zealand (titled Capturing the Diversity Dividend, or CaDDANZ) will be used for a range of projects that will ultimately provide new insights to help guide policy development.

Starting in Auckland, researchers will focus on a notably ethnically diverse suburb to interview and film residents about how they perceive, interact with and understand other cultures in their neighbourhood.

While divisions and conflict between majority host populations and newly arriving migrant groups has plagued Britain and some European nations, as well as Canada and Australia, Professor Spoonley says New Zealand is better prepared. Since the 1970s, New Zealanders – and our institutions – have sought to recognise Māori protocols, values, culture, perspectives and language as inherent to our national identity.

New Zealand's bicultural framework, founded on the Treaty of Waitangi, provides a precedent for cultures and languages other than English to be formally accorded rights, recognition and respect, he says.

“What does it mean to be a New Zealander in the 21st century? The question is the same [as in the 1970s and 1980s], but the answer is going to be different,” Professor Spoonley says.

He has just returned from Berlin, where he was one of a handful of social scientists to present a master class to top international researchers at the Academy of Urban Super-diversity, hosted by the Max Planck Institute and the European Research Council at the Berlin-Brandenburg Academy of Sciences. Four other researchers from New Zealand (three from Massey and one from Waikato) also took part.

Auckland has joined three other super-diverse cities (Singapore, Johannesburg and New York) in a study following the signing of a Memorandum of Understanding last year between Massey University and the Max Planck Institute for the Study of Religious and Ethnic Diversity in Germany.

The institute's director, Professor Steve Vertovec, initiated a major research project that explores the nature and impacts of increasing diversification in several global cities.

Date: 24/04/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences



Dr Cathy Strong says we need more open discussion around exactly what happened when Prime Minister John Key pulled a waitress' ponytail, while Dr Chris Galloway says the incident is eroding his 'teflon coating'.

Legal action will end discussion of ponytail saga

A Massey media expert is concerned that threatened legal action will dampen down the discussions about the incident where the Prime Minister pulled the hair of a waitress.

Dr Catherine Strong points out that once someone is officially charged with a criminal offence the media may have to drop any discussion of the issue. While the sexual harassment complaint laid by private prosecutor Graham McCready will have minimal impact, a sexual harassment or bullying case brought before the courts would shut down public discussion.

"New Zealand's rules on contempt of court means the media has to back off publicity on an issue to let the courts take their course of action," she says.

"This would be disappointing because the overall issue needs to be aired and discussed by the public. It questions where do the boundary's lie in this country between horseplay and unwanted physical contact."

She also points out that legal action may be beneficial for some political agendas that want the issue to quietly die down.

Dr Strong says there are many conflicting stories about the ponytail-pulling saga and how it has unfolded at a



Dr Cathy Strong

political and media level.

"At this stage it is unclear if journalists acted ethically, as well as if the incidents are part of an unacceptable embedded culture in New Zealand."

These are only going to be clear with open discussions and Dr Strong says she would hate the discussions to be closed down prematurely.

Meanwhile reputational risk expert Dr Chris Galloway says Prime Minister John Key's reputation has been damaged by the ponytail pulling affair.

"It's eroding the Teflon coating that has covered him politically," Dr Galloway says. "A reputation risk can be like tooth decay – you don't realise it's there at first so it's possible for a reputation to be destroyed not by a single event but by an accumulation of things that chip away at it. In this case it is people's trust in the good judgement of their Prime Minister."



Dr Chris Galloway

Dr Galloway says he has serious concerns about the sustained way in which the Prime Minister demonstrated a lapse of judgement in an interpersonal situation.

We expect our political leaders to behave appropriately in different situations because they are always on the job – whether it's at the local coffee shop or at the United Nations. We expect them to behave appropriately according to the situation, and here John Key didn't – and not just once, but repeatedly."

Dr Galloway says John Key is mistaken if he thinks he isn't the Prime Minister at all times when he is out in public.

"Being PM is a role that doesn't keep office hours," he says.

He also believes the Prime Minister's flippant style of communication when responding to the complaint has been insufficient.

"The viewpoint that counts here is that of the waitress and she is saying that she wasn't happy. The Prime Minister should be taking that seriously and not trying to play it off as just some fun. He needs to go beyond what he has already done to show that he truly recognises that his behaviour wasn't appropriate and that he is sorry."

Dr Galloway says reputations can be eroded over time and this incident has taken some of the shine off John Key's.

"If other situations arise in the future that have a similar effect, he's on the way down a slippery slope."

Date: 24/04/2015

Type: Features

Categories: College of Business



Caption: Fashion designer Steve Hall, at right, accepts the applause of the audience after winning the Emerging Designer Award at iD FashionWeek in Dunedin. Photo credit Chris Sullivan @ Seen In Dunedin for iD Dunedin Fashion Week.

International kudos for emerging fashion designer

Fashion designer Steve Hall has been presented with the International Emerging Designer Award at iD Fashion Week in Dunedin. It sees him join a growing list of successful students to have studied fashion design at Massey's College of Creative Arts.

By winning the award, Mr Hall, 25, joins Project Runway winner Sean Kelly as a graduate of the fashion design programme who has enjoyed recent international success.

Mr Hall's collection, 'Abandon Man,' won the plaudits ahead of entries from throughout New Zealand and Australia as well as entries from China, Singapore, India, Slovakia and the United States.

His work has its own international focus drawing on Japanese culture and the costume of the samurai and ninja. Judge Margi Robertson says it reveals a strong masculine and military-inspired look that is counterbalanced by the soft touch of cut, proportion and shape.

There was nothing traditional about his designs either, she says.

"It wasn't over the top; in a quietly confident way it was a new silhouette for a guy, which is quietly refreshing. It was very beautifully constructed, and it could be worn by men or women. Very androgynous."

It earned Hall \$6000 and a chance to win the People's Choice Award which will be announced tonight at the climax to the week-long the iD Fashion Show held on the platform of Dunedin Railway Station. "It's great," Mr Hall said after his win.

"It's the best thing that happened to me so far and perfect for my career."

“I think I'd like to get work at an existing fashion house now and get some experience before thinking about doing my own thing.”

The judges were impressed by the calibre of the of all the awards finalists, with many of them displaying innovative new construction technologies, unique hand-made fabrics, and expert tailoring.

Mr Hall's submission of designs represents a evolution from the male urban street wear he designed when studying at the College of Creative Arts, which he attended after starting his studies at Bay of Plenty Polytechnic.

Originally from Tauranga, Mr Hall of is of Te Arawa descent.

Date: 24/04/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Creative Arts; Wellington

Massey staff at Manawatū careers and study expo

Massey University will again be represented at Sort It, the annual jobs, study and careers expo in Palmerston North.

Open at Arena 2 in Pascall St from 9.30am-6pm on May 5, the expo will bring educators, training providers and employers together with school leavers and job seekers. Massey's stand will be staffed by representatives from the university's Career and Employment Service, Student Recruitment Team and (to showcase Massey as a major employer) People and Organisational Development.

Date: 24/04/2015

Type: Internal Communication

Categories: Any

Kick-starting open days 2015

With the first quarter of the year almost wrapped up, Massey begins to look towards 2016 enrolments and the annual planning of our campus Open Days.

This year there is a project team working collaboratively on the events to ensure we deliver a similar experience across each campus. They would like to welcome participation from college staff to assist with the delivery of programme areas.

The dates for Open Days are Manawatū August 5, Auckland August 15 and Wellington August 28.

Open Days are a great opportunity to engage with prospective students and their families and show them what study with Massey is all about. It is a chance to share passion and enthusiasm for Massey's programmes, highlight campus and student life and inspire prospective students to enrol at Massey University.

Of the prospective students that attended last year's Open Days last year, more than a quarter enrolled.

The project team needs enthusiastic and willing staff from across Business, Creative Arts, Health, Health, Humanities and Social Sciences and Sciences to work with it on the delivery and organisation of interest hubs (formally known as static stands), which relate to the range of programmes and study areas on offer.

If you have ideas about how to really make a mark in your area and you are available to help, please let us know as soon as possible and no later than May 8.

If you would like to be involved or have any questions:

Nicole Canning
Open Days project manager
DDI: + 64 6 951 6362 | Mobile: +64 21 885 937
N.L.Canning@massey.ac.nz

For queries or involvement related to CoCA, please email:
Mary Laine
College events director
DDI: +64 4 979 3477 | Mobile: 021 292 8050
M.Laine@massey.ac.nz

Date: 24/04/2015

Type: Internal Communication

Categories: Any



Director external connections Associate Professor Richard Shaw, director BA (programme) Dr Margaret Forster, and project leader Heather Aguilar.

New team to lead BA revitalisation

A special project team will lead the refreshing of Massey's Bachelor of Arts, the University's second largest degree and the College of Humanities and Social Sciences' flagship programme.

Director BA (programme) Dr Margaret Forster, project leader Heather Aguilar and director external connections Richard Shaw will collaborate with units from across the University. Their task is to bring to life the recommendations outlined in the college's recent Arts Qualification Review Working Party with the introduction of a suite of innovative core papers next year.

Dr Forster, a senior lecturer in the School of Māori Art, Knowledge and Education, will focus on getting the new core started and setting up a virtual and physical space, called BASE+, where students, staff and their academic networks can meet and foster a community and collective experience.

She is keen to ensure the revitalisation generates a strong "intellectual commons" among the college. "I'd like to see this core develop as a curriculum space, where academics from across disciplines can come together and share their different points of view," she says. "This exercise is about bringing everything together, and that can't be done without the shared input from staff across the college."

The core emerged from a process in which the working party listened to employers, staff, graduates and students throughout last year to determine the value of arts qualifications – intellectually, occupationally and otherwise – in the 21st century. Director external connections Associate Professor Richard Shaw, an associate professor in the School of People, Environment and Planning who chaired the working party, says the responses confirmed the need for a core curriculum.

"We found that although nearly everyone – from our own graduates to employers – sees significant value in BA graduates, there were ways in which the programme itself could be placed on a sounder footing," Dr Shaw says. "While our disciplines and majors will remain the bedrock for the qualification, the new core will aim to ensure the relevance of the BA in the future by developing skills in critical thinking, communication,

and knowledge of citizenship and what that means in New Zealand and globally for our graduates as active participants and contributors to their communities, workplaces and wider social environments.

“What's truly unique is that our core comprises a suite of integrated, purpose-built papers, and complements the disciplines that sit at the heart of the BA. Moreover, the new core will plug directly into the strategic imperatives at the college level, and connect with several of the big goals in the university's Road to 2025.”

Dr Shaw's role – unique in Australasian tertiary arts qualification promotion – is focussed on connecting the BA with external stakeholders. He is working closely with External Relations on communicating the rationale for the refreshed degree and its new elements, and aims to establish new relationships with businesses and organisations that have a vested interest in the programme.

Tying all of the activity together will be project leader Heather Aguilar's task. With more than ten years' experience at Massey working with both the college and student administration, Ms Aguilar will be responsible for ensuring all components are met on time and to budget.

“It's my job to bring all the facets of this project together. I'll be looking over the core paper development and structure, the on-going curriculum review and the communication internally and externally.”

Date: 24/04/2015

Type: Internal Communication

Categories: Any



Dr David Ellis, who is a Kiwi expat living in Chicago, studied the experiences of Kiwi professionals returning to New Zealand to live.

Reversing New Zealand's brain drain

Massey University PhD graduate David Ellis hopes his thesis will help expat New Zealanders make the decision to return, as well as assist businesses to attract the talent they need.

Dr Ellis spent four years researching the New Zealand repatriation experience, interviewing Kiwis before and after their return to New Zealand. He found the perception that most returning expats have negative experiences was largely untrue.

“There is so much negativity around returning home because people who don't do well tend to be quite vocal in newspaper articles and on sites like LinkedIn and it can really snowball,” he says.

Dr Ellis says the widely accepted narrative is that returning expats experience overwhelming shock and disappointment when they discover New Zealand is not exactly the same as when they left.

“I'm sure you will have heard these stories yourself – how returning Kiwis can't connect with their old social networks because people have moved on, or how they are shocked by house prices or grocery costs.”

What Dr Ellis actually found was that technology has really closed the information gap that people used to experience when they lived overseas for long periods of time.

“The rise and rise of Facebook, LinkedIn, Skype and even cheap phone calls, means it's now very easy to keep in touch with home in both a personal sense and a professional sense,” he says. “People talked a lot about reading the *New Zealand Herald* on their tablets on the way to work so they knew what was happening with property prices, the cost of living and the employment market.

“If there are surprises, they happen relatively early in the research process and are incorporated into the final decision to return or stay.”

Dr Ellis found that employment outcomes generally exceeded expectations as well, although some older returners over the age of 50 did experience difficulty in finding work.

“People expected to earn a lot less because of all the stories that they had heard. But most ended up earning more than they expected, and many actually earned more than they had overseas,” he says.

He is at pains not to gloss over the reduced career opportunities in a small country like New Zealand, but says that there are plenty of positive stories that just don't get the same traction as the unhappy ones.

“Most returners are balancing pay as part of a complex equation that also includes lifestyle, family and life stage, including having kids.

“Many come back when they are at the stage of career maintenance. Their career is important to them and they still want to contribute in positive ways to New Zealand businesses, but progressing their career is not their sole focus. Against this background, the vast majority of people I spoke to found work relatively quickly and they didn't have to step down to achieve that.”

As a Kiwi expat himself, Dr Ellis says the process of researching the repatriation process has reduced his own fears about returning to New Zealand one day.

“The main outcome of my research is the message is that it's not necessarily as hard as you think it will be, mainly because you can return with your eyes wide open, knowing exactly what to expect. We need to get the message out there that, while it's not always easy, most people actually have positive outcomes when they return.”

Key research findings

To increase their chances of a positive outcome when returning to New Zealand, expats should:

- Stay connected with their personal and professional networks while overseas.
- Do as much research as possible so they can make an informed decision to stay or return.
- Seek out recruitment agencies and companies that understand the value of overseas experience.
- Pick their time to return well to ensure factors like the state of the economy and the employment market are favourable.

Recruiters wanting to attract Kiwis back to jobs in New Zealand should:

- Be seen to value international experience through the recruitment agencies they use and the language on their website.
- Use recruiters and hiring managers with overseas experience themselves when dealing with expats.
- Maintain excellent communication and manage expectations throughout the recruitment process, especially if the candidate is still based overseas.
- Utilise returners' experience not only within their specific role, but across the entire organisation, to increase satisfaction levels and retention and leverage the fresh perspective they can offer.

Date: 26/04/2015

Type: Research

Categories: Home Page article; Big Issues in Business; College of Business; Graduation (Auckland)



Understanding China's changing modern society is vital for New Zealanders who want to do business there

Understanding modern China vital for NZ

Understanding the complexities and dramatic changes shaping life in modern China is crucial for New Zealanders wanting to do business there, according to lecturers from Massey University's Chinese language programme.

Dr Liangni Sally Liu and Dr Michael Li, both Chinese-born migrants who have been here 14 years and 12 years respectively, say understanding contemporary Chinese business culture, society and its new directions is as important as language learning for successful communication and business outcomes.

China's increasing influence in the Pacific and globally is one of the motivations for a special course they have designed for New Zealanders who intend to do business with China. A key example is the launch of the Asian Infrastructure Investment Bank (AIIB), initiated and designed to provide infrastructure development to the Asia-Pacific region. New Zealand joined as a founding member state this January, the 24th nation to do so.



Dr Liangni Sally Liu and Dr Michael Li

“Because of its geo-location, New Zealand is going to be engaging a lot more with China in the future,” says Dr Liu. “China is going to play a more important role in shaping our economy. It's very different doing business in China – so there's a great need for more understanding of how things work there.”

Concepts such as *guanxi* – roughly translated as ‘relationships resulting in favours, exchanges and connections’ – are vital for foreigners entering the Chinese business world, Dr Liu says.

The new course, launching at Massey's Auckland campus in Albany in July, includes sessions on political leadership; China's economic transformation since the late 1980s; the influence of international accounting practices on the Chinese accounting profession; the flaws and strengths of its fiscal and legal institutions; reforms in language and writing under the concept of “one state, one people, one language”; Chinese immigration patterns (globally and to New Zealand); and the multi-faceted social changes affecting income gaps, ageing and aged care, migrant workers, housing, food safety and environmental pollution.

“We want to help students and business people develop a nuanced view when analysing China's social problems and its relevant historical forces that have contributed to these problems,” she says.

As well as including some basic Chinese business lingo, the new course will draw on expertise from a raft of guest lecturers to talk on specialist topics, such as science and technology development, the role of religion, and sexual rights in China.

Language lecturer Dr Li will explore the degree and rate of Chinese language change in the era of social media and information technology. “We'll be looking at how the young, educated Chinese netizens construct their modern identities through the use of internet language, and how the hierarchy of class and status are reflected in this seemingly democratic internet community,” he says.

As well as for students, the course is available as a one-off interest paper for teachers, policy makers, business people and cultural ambassadors, whether engaged with Chinese people in New Zealand, in China, or elsewhere.

According to Statistics New Zealand's 2013 census, there are 171,411 people of Chinese ethnicity, or 4.3 per cent of the total population, in New Zealand. Of these, nearly 70 per cent live in Auckland.

Chinese is one of several language programmes offered through the School of Humanities, along with Japanese, French and Spanish. This programme offers comprehensive Chinese language papers from the beginning level to advanced level. To find out more contact Dr Liangni Sally Liu: l.liu2@massey.ac.nz and Dr Michael Li: s.li.1@massey.ac.nz

Date: 28/04/2015

Type: University News

Categories: Auckland; Big Issues in Business; College of Humanities & Social Sciences; School of Humanities; Uni News



Study highlights 'true cost' of dairying

The adverse environmental effects and clean-up costs of New Zealand dairy farming have been highlighted in a United States journal.

The paper, titled *NZ Dairy Farming - Milking Our Environment for All Its Worth*, was written by Kyleisha Foote, Dr Mike Joy and Professor Russell Death of Massey University's Institute of Agriculture and Environment and appeared over the weekend in the scientific journal *Environmental Management*.

The paper calculated externalities – costs to the community in the form of lost recreation opportunities and clean-up costs. These are costs that are borne by society rather than industry, Dr Joy says.

It revealed that, for the worst case scenario, the costs to society of dairy farming are approximately equal to the export revenue and gross domestic product (GDP).

“In other words, the industry is a zero-sum gain for New Zealand if the costs are included,” Dr Joy says. “These results will not be welcomed by many and are a wake-up call for the industry that can't be ignored.”

The authors of the paper put this down to the radical change that New Zealand dairying has undergone in the past few decades – from a low input, low cost and low impact system to high intensity, high cost, high impact system, increasingly reliant on imported feed and fertiliser. Milk production has increased four-fold and the number of dairy cows has doubled – changes which have, according to the authors, been mirrored by a massive increase in pollution.

“The New Zealand situation is different from most of the rest of the world, where cows are in barns. Ours are outside so it is virtually impossible to stop their waste leaking into the environment. This leaking waste is in the form of excess nutrients into freshwaters – eventually into oceans, and greenhouse gases to the atmosphere.”

Dr Joy says the environmental costs of freshwater degradation are now being seen in many intensively farmed areas of New Zealand, such as the Rotorua Lakes and the Manawatū river, but the economic

impacts are mostly yet to come.

The authors say the solution is to prevent pollution rather than try and clean it up afterwards.

“Many farmers may actually increase their profit by reducing pollution: as they reduce their production, their costs will also decrease, with less reliance on outside inputs. Farmers can reduce their nutrient losses at a far lower cost than the price to remove nutrients once they reach freshwater. Clean-up projects involve costly techniques to implement and are not always successful.”

Date: 28/04/2015

Type: Research

Categories: Agricultural Experiment Station; Explore - Agriculture/Horticulture



A free trial offer would need to attract almost 2.5 times the number of new customers than would otherwise be expected to join to make the offer financially worthwhile.

Research calculates the value of free trial offers

Free trials are wildly popular, but customers attracted by these promotions behave very differently to normal customers, according to new research by a Massey University marketing professor.

Professor Harald van Heerde's new co-authored paper 'The challenge of retaining customers acquired with free trials' appears in the current issue of the *Journal of Marketing Research*, the prestigious title published by the American Marketing Association.

Professor van Heerde, and his co-researchers from Tilburg and Maastricht Universities, examined household data from 16,512 customers of a large European digital TV provider and found that people attracted by free trials formed a very different relationship with the company.

The study found that many free-trial customers disappeared swiftly after the trial period, staying only one-third as long as regular customers. But the free-trial customers were more responsive to marketing efforts.

"We found that half of the free-trial customers had left the service within two years and that the total profit received from these customers was around 59 per cent lower than that received from standard customers," Professor van Heerde says.

"Because of their higher turnover rate, free-trial customers are, at first glance, worth considerably less, but the study also found they are more responsive to advertising and direct marketing activity. This is because they are less certain about their decision to sign up than regular customers so they look closely at whether they are using the service enough."



Professor Harald van Heerde.

Professor van Heerde says the research shows that keeping customers informed about their usage levels – especially if they are high – could be key to keeping free-trial customers because it reminds them of the value they are getting out of the service.

“When it comes to these customers, it's in the firm's interest to really do what they can to drive usage during the free-trial period,” he says. “Then customers need to be shown how much they have used the service to cement its relevance to them,” he says.

In the paper the researchers calculate that a free trial offer would need to attract almost 2.5 times the number of new customers than would otherwise be expected to join to make the offer financially worthwhile.

As for consumers, Professor van Heerde sees little to be wary of except the hassle of cancelling if the service isn't to your liking – although some companies have innovative ways of locking customers in.

“I think Spotify's success has been due, to a large extent, to the free trials they offer. People use it and then get hooked because they want to keep accessing the personalised music lists they have created.

“Dropbox is very smart too. It gives free trials with lots of storage, which locks you in if you want to continue sharing those large files with others after the free trial period ends.”

Date: 28/04/2015

Type: Research

Categories: College of Business



Shuhei prepares to wrestle © 1991 Kadokawa Pictures, Inc.

Sumo comedy a classic Japanese film

The May 4 screening of Japanese films at Massey University's Auckland campus should prove a welcome respite from the cooling autumn nights.

The free films are brought to New Zealand with the kind permission of The Japan Foundation and the Consulate-General of Japan, and are shown in Japanese with English subtitles.

Directed by Masayuki Suo, Japanese comedy *“Sumo Do, Sumo Don’t”* is a classic from 1992 – dubbed “A giant comedy with giant pants” — the story focuses on the attempts by student Shuhei (played by Masahiro Motoki from the Academy Award-winning film *Departures*) to pass his university grades. Blackmailed by his professor into joining the sumo wrestling team in order to pass his grades, Shuhei begrudgingly accepts, knowing it's the only way for him to graduate.



The people of Third Street © 2012 “Always3” Film Partners

The sumo team only has one other member – the rather pathetic Aoki who hasn't won a single bout in four years. Together they draft a motley bunch of wrestlers, including a sad-sack named Tanaka, Shuhei's brother Haruo who has been wrestling in drag, and a foreigner named Smiley who refuses to wrestle without his underpants.

JUNE SCREENING

The next film screening will be held on June 8, after the Queen's Birthday holiday. *Always – Sunset on Third Street 3*, is based on the long-running manga *Sanchōme no Yūhi* by Ryohei Saigan, and directed by Takashi Yamazaki.

It is set in 1964, the year Tokyo prepared to host the Olympics. Buildings and highways are being constructed at a feverish pace, and excitement fills the air. Amidst all the change and commotion, the people of Third Street carry on with their lives, as colourful and vibrant as ever.

Novelist Ryunosuke Chagawa has married Hiromi and the two now share a happy life with Junnosuke, the young boy he had taken in who is now in high school. Chagawa's candy shop has been renovated to include a small restaurant, which Hiromi runs. Hiromi is also pregnant and the family prepares to welcome a new addition to their household. One day, Hiromi discovers a telegram that Chagawa had hidden. Who sent this telegram? What is the surprising identity of this new rival writer? Will Mutsuko's affections be returned? And what future awaits the people of Third Street?

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15 pm. The films are screened in the Atrium Round Room, on the ground floor of the Atrium Building on the main campus, and bookings are not required. Parking is free and available on campus. Please feel free to bring your own snacks.

For more information on the film schedule, visit the [website](#).

Sumo Do, Sumo Don't (1992) – May 4

Directed by: Masayuki Suo

Starring: Masahiro Motoki, Misa Shimizu, Naoto Takenaka, Akira Emoto

Rating: PG

Running time: 105 minutes

Always – Sunset on Third Street 3 – June 8

Directed by: Takahashi Yamazaki

Starring: Hidetaka Yoshioka, Koyuki, Kenta Suga, Nao Omori

Rating: PG

Running time: 142 minutes

Date: 29/04/2015

Type: Features

Categories: Applied Learning; Auckland; College of Humanities & Social Sciences; Exhibition/Show; Feature; International; Music and campus life; School of Humanities



Massey University historians are sharing their stories with the wider community through a public seminar series in Wanganui

Wanganui's rich history under the spotlight

Illuminating local stories of WWI, early rugby history, politics in the Depression era, and the lives of early missionaries are among topics in a public seminar series launching in Wanganui on May 3.

Organised by Massey University and the Alexander Heritage and Research Library, the six seminar local history series will be delivered by researchers from Massey University who have explored Wanganui's history.

The series offers local people a chance to gain insights and learn about some of the many fascinating events and people who have contributed to the character of their town, says co-organiser Dr Kirsty Carpenter, a senior lecturer in history in the School of Humanities, who lives in Wanganui.

"This is a wonderfully exciting project in the spirit of linking up Massey postgraduate students with the local community that they are writing about," she says.

Gillian Tasker, Heritage Services Leader at the Alexander Heritage and Research Library, says the library is "delighted" to partner with Massey University to present local history to the wider community.

"Wanganui is a very old community, and one that supports new research into gaining a better understanding of ourselves, where we have come from, and new opportunities for our future," Ms Tasker says.

The partnership between the library and the University aims to raise awareness of the presence of history in the local community as well as celebrating students embarking on careers in the rich field of New Zealand historical research. It also has the support of Wanganui's secondary school history teachers.

Dr Carpenter, whose specialist area is the history of the French Revolution and Napoleonic Era (1789-1815), as well as relations between France and New Zealand from 1840 to the present, says there is a great deal of local history in New Zealand that has yet to be uncovered, researched and written about.

She hopes the series will inspire local people to develop a greater awareness of the rich history on their doorstep. It was something she observed while studying history in France, where she says many small communities are involved in sharing, talking about, and promoting the writing of local history.

"I think this is something New Zealanders could adapt from their counterparts in provincial France who support their local historians by eagerly buying whatever is written about the locality, and using it to promote tourism and other municipal cultural activities," Dr Carpenter says.

A seminar series for next year has already been confirmed. Speakers for 2016 include Massey doctoral students Fiona McKergow, who will speak about women's material culture in the Wanganui area; Pauline Knuckey, who is examining movie going in the 1960s in New Zealand provinces; and Moyra Cook who is researching Wanganui's Parliamentary representative John Bryce.

The 2015 seminar series is sponsored by Massey University's W H Oliver Humanities Research Academy, and will be run at 2pm on Sundays at the Alexander Heritage and Research Library.

2015 seminar details:

- 3 May: David Littlewood, 'A Fair Chance? - Wanganui Men and the Military Service Boards during the Great War'

David Littlewood is currently a lecturer in Massey University's history programme. He has just submitted his PhD on the subject of the New Zealand Military Service Boards.

- 17 May: Liz Ward, 'Depression Politics in Wanganui: The New Zealand Legion, its rise and fall 1933-1934'

Liz Ward is currently preparing her Masters dissertation on 'The All Saints' Anglican Orphanage in Palmerston North'.

- 7 June: Bill Greenwood, 'Amateur or Professional?: The 1905 All Blacks, the 1907 New Zealand All Blacks, and the introduction of rugby league football to New Zealand and Wanganui, 1905 to the Great War.'

Dr Bill Greenwood received his PhD in history for a thesis: 'Class Conflict and Clash of the Codes: the Introduction of Rugby League to New Zealand – 1908 to 1920'. He also prepared his Bachelor of Arts (Hons) and his Master of Arts in history at Massey, and published an article with Associate Professor James Watson, titled *The Famous Northern Union Game*, on the rise and fall of rugby league in Wanganui from 1910 to 1915.

- 21 June: Huia Kirk, 'The Putiki Mission Station.'

Huia Kirk is a retired local secondary school teacher with a passion for Wanganui history. She prepared her Bachelor of Arts (Hons) at Massey on the 'The impact of Early Missionaries on the Māori of Putiki, Wharanui, and the Whanganui River 1839-1849'.

- 5 July: Margaret Tennant, 'Across the Street, Across the World: the New Zealand Red Cross in War and Peace'.

Professor Emeritus in history at Massey, Margaret Tennant is currently writing a contract 'History of the Red Cross in New Zealand'.

- 19 July: Alistair Watts, 'Franco-British-New Zealand relations prior to WWI from the provincial perspective.'

Alistair Watts has completed his Bachelor of Arts (Hons) at Massey and is currently preparing a Master of Arts on relations between New Zealand and France 1870-1914 entitled 'The natural inclination of New Zealand was to oppose an imperial alliance with France'.

Caption: (from left, front row) Gaylene Kendrick (head of history at Cullinane College), Mary Anne Ewing (head of history at Wanganui High School), Gillian Tasker (heritage services leader Alexander Library), Huia Kirk (presenter), Peter Preston (head of history at Wanganui Collegiate School), and (back row); Bill Greenwood (presenter), and Dr Kirsty Carpenter (Massey history programme).

Date: 29/04/2015

Type: University News



Massey graduate Dr Rene Garcia.

Massey vets best in world say employers

Massey University's Veterinary School has been ranked first in the world by employers in the latest subject rankings for universities from the international agency Quacquarelli Symonds (QS).

Reputation with employers is one of four categories in which universities' subjects are ranked to provide an overall ranking. The others are reputation among academics, citations in academics' papers and collective publications.

Veterinary science at Massey has been ranked 15th overall in the world, one of three subjects in which Massey has been ranked in the world's top 100. Agriculture and forestry is ranked 33rd and accountancy and finance is ranked between 51 and 100.

Of the world's estimated 17,000 tertiary institutions, QS says it considered 3500 for its subject rankings and, of those, 900 received rankings, 500 had subjects ranked in the top 100 and just 300 had subjects ranked in the top 50.

Vice-Chancellor Steve Maharey says this demonstrates what a tremendous result it is to have three subjects ranked in the top 100 and two in the top 50. "One of Massey University's big goals is to promote the highest standards of research and scholarship and to be a world leader in our areas of specialisation. These results are a reflection of the level of quality we offer in those specialist areas like agriculture, veterinary science and accountancy and finance."

In total, Massey has 11 subject areas ranked this year. In the top 200 are education, geography, business and management studies, and statistics and operational research. In the top 300 are computer science and information systems, environmental sciences and mathematics. Biological sciences are ranked between 301 and 350.

In New Zealand, Massey is ranked number one for agriculture and forestry and for veterinary science, number two for mathematics and number three for electrical engineering, mechanical engineering, biological sciences, materials science, accountancy and finance, and statistics and operational research.

Dr Rene Garcia, who completed his veterinary degree with Massey University in 2009 and now owns and operates a successful [mobile pet veterinary clinic](#) in Beverly Hills, Los Angeles, says that Massey graduates have the right attitude and experience, making them prime candidates for employment.

“I feel like Massey gives them a great base for an employer to build on and help them develop into their career,” Dr Garcia says. “Massey grads are always my go-to when looking for a new associate. I feel that we are a tight community that want to see and help each other excel.

“One of the big factors for me coming to Massey was its accreditation with the American Veterinary Medical Association. I also liked that the degree was well rounded, which I felt was an advantage to being a better overall practitioner. If I were to do it all over again, I'd do it the same way. I'm a proud Massey Vet grad.”

Date: 29/04/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Business; College of Sciences; Explore - Agriculture/Horticulture; International; National; Teaching; Uni News



Britain's two major political parties struggle to connect with fragmented constituencies in the lead up to the May 7 general election.

Opinion: A United Kingdom?

by Paul Spoonley

The British general election is just a week away and all the polling points to significant - and sometimes new – fracture lines that are making life difficult for the major political parties.

Neither the Conservatives nor Labour appear to hold an advantage. But what is more telling is the emergence of new constituencies, new anxieties and new divisions that mean a fracturing of party political support. It is not helped by the widespread distrust of politicians and of Westminster, especially among younger Britons.

The dominance of the two major political parties and the struggle they have had to represent increasingly fragmented constituencies is not new – it was first obvious in 1974. But the 2015 election highlights the struggle of the Conservatives and Labour to reach out to demographic and ethnic communities whose views and concerns might be quite divergent from one another.

An obvious fracture relates to ethnic diversity and immigration – and how to address the, often, opposing views of different generations and communities. The United Kingdom Independence Party (UKIP) appeals to both working class and middle class anxieties about immigration and what is seen by some as the perceived threat to British independence from the EU. But more than half of all Conservative supporters also see immigration as a threat and it looks as though some of these supporters will transfer their vote to UKIP in support of a party that advocates for “white fortress Britain”.

Green and Lib Dem supporters are the most positive about immigrants and immigration.

Ethnic and immigrant minorities are much more likely to support Labour. But the party is still aware that its white working class supporters are wary of immigration and so Ed Milliband stresses the need for “strong borders” and “proper controls” on immigration.

However, there are ironies. Some ethnic minority communities are themselves quite opposed to immigrants while a number of electorates are now dominated by ethnic and immigrant communities. The super-diverse communities in London, Birmingham or Liverpool represent a challenge to orthodox political parties and much of the political rhetoric in the current election feels very dated and insular.

How should political parties address the anxieties and racism of some alongside the growing importance of ethnic/immigrant communities as political constituencies in their own right?

Another fracture is generational. Those born before the 1970s have received more in receipts from the state than they have contributed; those born since receive less than they have contributed. And the differences are manifest in a range of new concerns that will be familiar to New Zealanders: the availability and affordability of housing (with a sharp decrease in home ownership among younger UK residents and a sharp increase in those continuing to live with their parents through their twenties); the impacts of the global financial crisis and the austerity policies of a Conservative/Lib Dem government on younger generations, hence a focus on zero hours, a living wage and casualised/poor quality/poorly paid work; and growing socio-economic disparities, both geographically and between older and younger generations.

There are significant differences between what a 20-29 year old can expect – from the state, in terms of returns from education (the unemployment or underemployment of graduates is now a major issue) and in terms of satisfying, reasonably paid work – compared to a 50-59 year old Briton. These differences are particularly acute in parts of the North-West, North-East and Scotland.

The Greens are recipients of younger voter support (almost half of their supporters are less than 30 years of age) while UKIP are much more likely to gain their support from the 65-plus age groups.

An important additional fracture is between England (and Westminster) and the Celtic fringe. Plaid Cymru might not gain many new seats but the Scottish National Party (SNP) is certainly destined to increase its representation in Parliament with some speculation that they might gain as many as 50 representatives (out of 57 Scottish seats in Parliament).

The result of the referendum might have been a “no” but the a combination of anti-austerity politics and a disgruntlement with Labour's support for the “no” vote has seen the collapse of Labour's base in Scotland. It appears to have declined by a third since 2010 and senior Labour Party representatives, such as Douglas Alexander, are in danger of losing their seats. And the Lib Dems are on track to lose most of their Scottish seats as well. The SNP might well end up being the largest minority party in Westminster.

Scottish voters feel they've been abandoned by their representatives, whether Labour or the Lib Dems. This is both in terms of adequately recognizing Scottish interests but also in relation to the impacts of austerity measures on communities. Interestingly, Scottish voters do not share anything like the same level of anxiety about immigration and ethnic diversity of their more southern voters and support for UKIP is low.

The fragmentation of communities in terms of their life experiences, ethnic diversity and the uneven impacts of economic changes all provide interesting challenges for political parties as they seek to reconcile and appeal to these different interests. And all the indications are that the British parliament will look quite different in a few weeks' times.

Britain has never been a “United” Kingdom but it is even less so at the moment – and this is being played out in the current election campaign.

Distinguished Professor Paul Spoonley is the Pro Vice-Chancellor of the College of Humanities and Social Sciences.

Date: 30/04/2015

Type: Features

Categories: College of Humanities & Social Sciences; Election/Politics; Explore - Planning; Opinion Piece



Herb mixes increase performance, quality and profit

Specialised herb-clover mixes may be the answer to improving both reproductive performance of sheep, and lamb finishing weights – and ultimately also increasing profit.

The team at the International Sheep Research Centre at Massey University, led by Dr Rene Corner and Professors Steve Morris and Paul Kenyon, have been studying herb-clover mixes containing chicory, plantain, and red and white clover.

They have shown that the mixes can be used to improve the performance of singleton and multiple-rearing mature ewes and their lambs to weaning, singleton rearing ewe hoggets and their lambs to weaning, and yearling bulls.

The team also conducted a three-year investigation, together with PhD student Sharini Somasiri, and fellow PhD supervisors Professors Peter Kemp and Patrick Morel into how different pasture mixes affected lamb carcass weight. They compared a more traditional ryegrass and white clover mix to both a plantain white and red clover mix, and a chicory, plantain, white and red clover mix.

They found that individual lamb growth rates, final live weights and carcass weights were greater on both the herb-clover mixes than the ryegrass white cover mix. Lambs were brought in at approximately 33 kg and sold at approximately 45 kg, for an average 18 kg carcass. Dressing out percentages were two to three percentage points higher on the herb-clover mixes indicating of the total live weight there was more saleable product for the farmer.

The researchers say that by correctly managing the herb-clover pasture, it can be a productive mix for many years and allows for greater stocking rates than the ryegrass and white clover mix, especially in the summer/autumn period. All this adds up to greater performance per hectare per year basis – a measure that is directly related to profit.

“This is what really counts for farmers” Professor Kenyon says. “The mix has to be productive for a number of years if they are to get a return from their investment. We showed that you could get, on average, a 560 kilograms carcass gain per hectare on the herb clover mixes compared to 410 kilograms on the ryegrass white clover mix.”

Professor Kenyon says the key to managing the herb-clover mixes for both high animal performance and sward persistence is ensuring post grazing masses do not fall below 7 centimetres. They also need a period in the winter when they are not grazed. He says it is also important to note that when using the mixes to finish lambs it may take more than one year before the production benefits are seen because the pasture cannot be grazed in winter. “Ensuring longevity of these herbage mixes is therefore very important” he says.

To promote the use of these herb-clover mixes, the team have also developed a sward stick as a guide for farmers for determining the herbage mass within a herb-clover mix.

The Massey team, with funding from Beef and Lamb New Zealand and the C Alma Baker Trust, will be undertaking further studies this spring to understand the optimal use of herb-clover mixes to improve the performance of mature ewes and ewe hoggets and their lambs in lactation.

Date: 04/05/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; School of Veterinary Science



Master of Teaching and Learning students Matt Costley, Cam Dow and Chanel Tamahaga at Central Normal School

Learning by teaching inspires new master's students

Traditional ways of teaching and interacting with pupils are evolving, with concepts such as “collaborative”, “inclusive” and “evidence-informed inquiry learning” becoming the norm.

For a new generation of teachers, understanding how the world of learning is changing is best done through direct experience. The chance to do just that has inspired Massey University's first cohort of students enrolled in a new Master of Teaching and Learning to feel confident and equipped to meet the learning needs of all students in primary and secondary schools.

While the 27-strong foundation cohort, based at the Institute of Education at the Manawatū campus, is not yet half way through the year, they say the amount of classroom time programmed into the course has helped them to feel at home in the school environment already.

Three of the students, who recently spent half a day at Palmerston North's Central Normal School *Te Kura Tuatahi O Papaioea* – where three of their classmates have been placed for the past few months – spoke enthusiastically about their experiences of learning about teaching in a school, as well as the overall structure and approach of the new masters programme.

The students spend three days a week throughout the year on practical experience in a partner school, with one day for theory and another for self-study. One of the programme coordinators Dr Alison Sewell says the balance in favour of more classroom experience guided by a mentor teacher in the school is all part of the fresh approach to educating teachers for the 21st century.

Co-coordinator Associate Professor Sally Hansen says the Master of Teaching and Learning is taught collaboratively with partner schools and exemplary practice schools to provide high-quality teaching, learning and mentoring experiences in school, university and community settings. .

“Some of the many distinctive features of this programme are: individual and small group mentoring; a diverse learning community in partner schools and at the university, a community placement self-regulation to identify personal strengths and to customise learning needs.”

Cam Dow, who aims to be a secondary school teacher, says he's appreciated learning about pedagogical theory then going back into the classroom “to see it in action”.

“Rather than doing class for months then going into the school for a short time and trying to recall everything, you can see it happening when it's still fresh.”

Chanel Tamahaga says she likes the teaching style of the course, which veers away from conventional lectures. “In class, our lecturers use all the different pedagogical methods with us that we in turn are learning about. It might be pair-share, collaborative, presentations or skits – learning like this helps us to solidify what works for us as teachers.”

“The practical/theory balance of the programme was what sold me,” she says, adding that her placement at Freyberg High School has reinforced her decision to do the Masters in order to; “be a teacher, make change, and to be a role model”.

She also loves working collaboratively with teachers and fellow students, and “bouncing ideas off other people”.

Dow, who did a Bachelor of Arts in Media Studies and English at Massey University, enjoys this aspect too, saying the collaborative nature of the university classes is more energising “than passively sitting there, taking notes”.

For Matt Costley, who did a Bachelor of Arts in Psychology through Massey University and who was previously employed as a youth worker, says learning about teaching by being in a school and developing a rapport with a mentor teacher has been hugely positive and affirming.

“It's great how open the schools have been with us, and giving us opportunities,” he says. “It's quite a big deal for us, especially because we haven't necessarily done much in classrooms before.”

Tamahaga, who has a postgraduate qualification in Sport and Exercise Science from Massey University and is of Tahitian and Niuean ethnicity, says she wants to use sport and physical exercise as a medium to help Māori and Pasifika pupils; “improve the quality and quantity of their lives through sporting achievement”.

Dow says the programme's focus on the inclusion of different cultures represented in classrooms – by acknowledging and learning about those cultures – is a core feature of the course and something he feels is vital for teachers in New Zealand's changing society.

“I've really appreciated having my mind-set adjusted,” he says. “Developing more cultural awareness has been really valuable to me.”

Ultimately, the appeal of teaching is witnessing that “light bulb” moment for a young learner, he says.

Teaching music and drums one-on-one for five years gave him a first taste of the joys of teaching. “I really enjoyed getting that reaction when you see a student hook onto something and the light bulb goes off in them. Basically it [teaching] is all about trying to ignite that passion.”

Date: 05/05/2015

Type: University News

Categories: College of Education; College of Humanities & Social Sciences; Feature; Student profiles; Teaching; Uni News



Massey backs anti-bullying Pink Shirt Day

The Pay and Employment Equity Committee set up by Massey University and the Tertiary Education Union will hold events on each campus this month to highlight the work being done to promote positive working environments.

Pink Shirt Day on May 22 has been chosen. It is a recognised international day established in Nova Scotia, Canada, in 2007. A group of school pupils decided to defend a boy who was bullied for wearing a pink shirt. In a show of solidarity, many other pupils wore pink shirts to school.

By wearing a pink shirt, people identify themselves as an ally. The pink shirt is a way of showing those being bullied that there are many people around who care.

In New Zealand Pink Shirt Day has been marked since 2009 and support is growing each year. Organisations that back it include the Mental Health Foundation, the Peace Foundation, Family Works, Youthline, InsideOUT Network Aotearoa, Rainbow Youth and the Post-Primary Teachers' Association.

Massey's Pay and Employment Equity Committee has been working on increasing awareness around bullying and harassment and has instituted training for staff and managers around bullying and harassment, reviewed policies and procedures and developed materials for managers and staff on how to deal with it and reinstated the Harassment Coordinators network for staff to assist staff members who are being bullied.

On May 22 the university and the union will have a stall at each campus from 11am-noon – at Student Central at Auckland, the Concourse at Manawatu and the Pyramid at Wellington.

At Manawātū there will also be a 30-minute panel discussion from noon at which students and staff can ask questions of union staff and members, Massey human resources staff and the Massey University Students Association about issues relating to bullying and harassment, how Massey can create a positive workplace environment.

Anyone wearing a pink shirt – or anything pink – on the day is invited to submit a photo of themselves to win a prize. Details of how to enter will be at the stalls on each campus.

Date: 05/05/2015

Type: Internal Communication

Categories: Any



Caption: Associate Professor Heather Galbraith Massey University's School of Art who is New Zealand's Commissioner at the 2015 Venice Biennale.

Galbraith hails NZ's contribution to Venice Biennale

Associate Professor Heather Galbraith from Whiti o Rehua School of Art at Massey University describes New Zealand's representation at the 2015 Venice Biennale as “unmissable and totally visually stunning.”

Ms Galbraith, who is New Zealand's Commissioner to the 2015 Biennale, is in Venice to oversee New Zealand's input into the preview week for the event. The Biennale celebrates the work of contemporary artists from more than 80 countries and is open for six months. More than 30,000 key international curators, critics, collectors and artists attend the three-day preview period alone.

New Zealand is represented by sculptor and installation artist Simon Denny. Denny's work *Secret Power* is a commentary on the intelligence sharing arrangement between New Zealand, the US, UK, Canada and Australia. It continues a long-standing interest in information technology for Denny who often explores the conventions of computer programming, playing with these conventions in installations that combine sculptures, graphics and moving images.

Denny's *Secret Power* exhibition title is taken from the book of the same name by investigative journalist Nicky Hager. Hager will be attending the Biennale as a special adviser to the project.

“Because the subject matter is so complicated and involving we feel an onsite content adviser is entirely appropriate to support Simon for this [preview] week,” Ms Galbraith says. “Nicky [Hager] was selected because he is the person in New Zealand with the specialist knowledge this project requires.”

Ms Galbraith says Denny's work is complemented by its installation in two separate, stunning venues: one modern at the edge of Venice; and one historical, at the heart of the city.

Denny will become the first Biennale artist to use the terminal at Marco Polo Airport, the first point of contact for most visitors to Venice. "Extending through the arrivals lounge, Simon's installation will operate between national borders, mixing the languages of commercial display, contemporary airport design and historical representations of the value of knowledge," Ms Galbraith says.

The other half of the New Zealand pavilion will be in the Marciana Library in Piazza San Marco, designed by Jacopo Sansovino during the Renaissance. Decorated with paintings by such artists including Titian and Tintoretto, depicting philosophy and wisdom, the library is an allegory for the benefits of acquiring knowledge. It also houses historical maps and globes, containing information obtained by travellers, merchants and navigators including Marco Polo.

"The installation in the library will draw analogies between this spectacular but obsolete map and the way the world is mapped and managed."

Ms Galbraith has held senior curatorial roles at national and international institutions and curated Francis Upritchard's installation Save Yourself at the Venice Biennale in 2009, says it's an honour to be appointed 2015 Commissioner.

"The Venice Biennale is a highly valuable international platform upon which excellent New Zealand contemporary art is seen and discussed. Since 2001 we have established a strong presence within the Biennale, and New Zealand's 2015 project will continue to build a rich and extended awareness of our artists and their work."

Date: 05/05/2015

Type: University News

Categories: Any



L-R: Associate Professor Jonatahn Elms, Dr Andrew Murphy, Andrew Bhimy, Professor Jane Parker, Mark Powell, Professor Jim Arrowsmith, Mike Fiszer.

Research partnership between Massey and Warehouse

The Warehouse Group is partnering with Massey University's MPOWER research hub by providing funds for new research projects.

MPOWER (Massey People, Organisation, Work and Employment Research) is a network that collaborates across disciplines to address key issues faced by organisations and workers.

At the launch to announce the collaboration, Warehouse Group head of retail careers Andrew Bhimy said the goals of both organisations were very much aligned.

“MPOWER is all about leading thinking in the space of people and people management and we see ourselves as leaders in this space as well, and particularly around careers in retail,” he said.

“The fact that we are holding an event like this in our new Sir Stephen Tindall Learning Centre is a really powerful illustration of the alignment between our two organisations.”

Warehouse Group chief executive Mark Powell, who is currently completing his third master's degree, said he was “a great believer in education and research”.

“Good research helps you put some objective data behind the decisions you make,” he said. “It's good to see the growing collaboration we have with Massey – not just with MPOWER but also with the Bachelor of Business and Retail Management.”

“I hope this is the start of many great collaborations going forward.”

MPOWER co-director Professor Jane Parker said working with a leading employer like the Warehouse Group would ensure MPOWER's research projects were of practical use.

“This collaboration will ensure that what we do in academia is working in tandem with industry so we produce relevant research that businesses can use in practice and policy,” she said. “It also means we can glean the latest cutting-edge ideas from the real world.”

Three MPOWER researchers presented insights from their work to the audience of academics and human resources practitioners at the launch. Professor Jarrod Haar discussed his research into leadership styles, Professor Jim Arrowsmith gave a presentation on delivering employee engagement in tough times, and Professor Stuart Carr shared the initial findings from MPOWER's living wage survey.

Date: 06/05/2015

Type: University News

Categories: College of Business; MPOWER



Cricket legend Jacob Oram trying out an academic gown for his ceremony next Monday.

Cricket legend among Massey graduates

Doctoral research on volcanoes, New Zealand Cricket, dairy cow fertility, glaucoma, understanding depression in the elderly and how to tackle adolescent literacy problems are some of the topics covered in 33 PhDs being conferred at Massey University's Manawātū graduation ceremonies next week.

A total of 1211 graduands, including 123 who are gaining Masters qualifications, will cross the stage at the Regent Theatre in six ceremonies spanning three days from May 11 to 13.

Among well-known graduates is Palmerston North-born cricketer Jacob Oram, a former Black Cap who will gain a Bachelor of Business Studies at Monday's ceremony for the Massey Business School. It took 18 years for Mr Oram to complete his degree, which he pursued while juggling the demands of his international cricket career. He has been using his skills and knowledge gained from his studies to help local sports initiatives, and currently works at Massey in the business development and commercialisation area.

Mr Oram played 33 tests, 160 one-day internationals, 36 twenty20 internationals and 85 first-class matches. He played for New Zealand in three Cricket World Cups, including two semifinals – and is one of 36 New Zealand test cricketers to have scored 1000 or more runs. He is also one of just six New Zealanders to have reached the double of 1000 runs and 100 wickets in one-day internationals. On several occasions during his career he was ranked as the world's number one-day international allrounder.



PhD graduate Mirjam Guesgen researched emotion in animals.

In the same ceremony his former cricket coach Alex Astle will be conferred with a PhD. In his thesis he explored strategies used by New Zealand cricket to revitalise the game at a grassroots community level.

Among science PhDs to receive their degrees on Tuesday is Mirjam Guesgen, who is taking her background and passion for science and using it to communicate science to a wider audience. She will graduate with a PhD in Zoology, having studied emotion in animals and how the social environment affects how lambs show pain.

She now works as the science communications advisor for Massey University and says the promotion and discussion of science in the public arena is just as important as the study of science in research organisations. Science is a family affair, with her father, Professor Hans Guesgen, leading the computer science group at Massey University and her sister, Maike, studying towards a Master in Social Science at the University.

This ceremony also celebrates the next cohort of qualified veterinarians who, according to the recent results of an international rankings system, are number one in the world for their reputation with employers. Among the veterinary graduates is Laura Schwerdtfeger, daughter to acclaimed scientist and 2014 Rutherford medal winner Professor Peter Schwerdtfeger, who is based at the New Zealand Institute for Advanced Study at the Albany campus.

A former diplomat and an Anglican Archbishop will receive honorary doctorates at this year's College of Humanities and Social Sciences ceremonies on Wednesday. Gerald Hensley and Archbishop Sir David Moxon will both be made Doctors of Literature (Honoris Causa), at separate ceremonies.

Mr Hensley is being recognised for his distinguished career as a diplomat and public servant spanning two decades and working with 10 New Zealand prime ministers, as well as overseas in postings including Samoa, Singapore, Washington, New York and London. He has published widely on historical and political topics, including his most recent book *Friendly Fire: Nuclear Politics and the Collapse of ANZUS, 1984-1987*, published in 2013.

Archbishop Sir David Moxon is returning to his hometown for the event from Rome, where he is currently the Archbishop of Canterbury's representative to the Holy See, and Director of the Anglican Centre in Rome. He began his humanitarian work as a youth worker with Volunteer Service Abroad in Fiji. In 1976 he completed a Masters degree with Honours, at Massey, in Education and Sociology, then went on to the University of Oxford Honours School of Theology, St Peter's College, Oxford, where he graduated with a BA (hons) in 1978 and MA in 1982. Last year he was honoured in the New Year's Honours list as Knight Companion of the New Zealand Order of Merit.

All ceremonies will be live-streamed, enabling family and friends who cannot attend to watch graduates receive their degrees. Additional ceremonies for Māori and Pasifika graduates will be held at the Regent Theatre on Thursday, May 14 at 9.30am and 2.30pm respectively.

Guest speakers for each of the ceremonies are:

Ceremony One: Monday 11 May – 1.30pm

Massey Business School

Rodney Wong – company director

Ceremony Two: Tuesday 12 May – 9.30am

College of Sciences A

Michael Ahie – Pro Chancellor of Massey University and company director

Ceremony Three: Tuesday 12 May – 2.30pm

College of Sciences B

Mavis Mullins (MNZM) – company director

Ceremony Four: Wednesday 13 May – 9.30am

College of Humanities and Social Sciences A

Honorary Doctorate recipient

Gerald Christopher Philip Hensley, CNZM, MA (Hons)

Ceremony Five: Wednesday 13 May – 12.30pm

College of Humanities and Social Sciences B

Honorary Doctorate recipient

Archbishop Sir David John Moxon, KNZM, MA (Hons)

Ceremony Six: Wednesday 13 May – 3.30pm

College of Creative Arts, College of Health, Professional and Continuing Development

Jane Haste - Blue Couch Consultancy and 2015 Massey University and Distinguished Young Alumni Award Recipient

All ceremonies will be live-streamed, so that family and friends unable to attend ceremonies can watch graduates receive their degree. Click [here](#) for more information on ceremony dates and times.

Date: 06/05/2015

Type: Graduation

Categories: Home Page article; College of Business; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences; Graduation (Palmerston North); Uni News



The finances of the Gloriavale community on New Zealand's West Coast have been the focus of media attention over the past couple of weeks.

Should charities operate businesses tax-free?

By Patrick Flannery

The finances of the secretive Gloriavale religious community, which produced profits of \$1.86m in the last financial year, has put the tax-exempt status of charities back in the news. While many ask what public benefit the religious group provides in return for paying no income tax, there are much broader issues at stake here.

This is a discussion that has been tabled and ignored for 14 years. Back in 2001 Inland Revenue released a discussion document entitled 'Tax and Charities', which raised the matter of charities undertaking trading activities.

Inland Revenue noted that the scale of these activities varied considerably, from "a fete stall to large scale businesses", and the activities may be carried out by an entity separate from the charity that does not, itself, have any charitable purpose. In this case the income earned by the company is still exempt from tax, on the ground that "profits from the trading activity will ultimately be applied by the company for charitable purposes".

Of particular concern to Inland Revenue at that time was the situation where a charity was able to accumulate its tax-free profits back into the capital structure of its business enabling it, through a faster accumulation of funds, to expand more rapidly than its competitors. In this way the charitable business could obtain an advantage over those competitors.

The document proposed a targeted reform of the exemption so that charitable businesses would be subject to tax in the same way as other businesses, but with an unlimited deduction for distributions made to relevant charitable purposes. In this way the income applied to the charitable purposes would effectively be tax-exempt, as the deduction for the funds distributed would cover the tax on the relevant income. Small-scale trading activities would have been excluded from the rule via a turnover threshold.

As well as the potential for charitable businesses to gain a competitive advantage in the marketplace, there are other issues related to the business income exemption, such as:

- Where commercial liabilities are not sufficiently quarantined, the assets of the charity could be at risk;
- The people who control the charity may end up focusing more on its commercial activities than its charitable purposes;
- Public perceptions may be adversely affected where charities conduct significant commercial activities generating large profits, leading to a decline in public support for charities; and
- If the amount of revenue earned by charitable businesses continues to increase, there is the potential for tax base erosion and overall economic inefficiencies.

The open-ended nature of the present income tax exemption, along with the overall lack of rules around the conduct of commercial activities by charities, does nothing to allay concerns over any of these issues.

The proposal in the 2001 discussion document was not picked up by the government of the day and, 14 years later, the matter has not moved any further. A review of charities law and the role of the then Charities Commission was announced by the current government in 2010, but did not proceed. The Charities Commission was subsequently dis-established and absorbed into the Department of Internal Affairs and is now continuing as the 'Charities Service'.

Other comparable jurisdictions, including the United Kingdom and the United States, have introduced restrictions to the scope and operation of the exemption for business income, particularly where the charity derives that income from activities which are not in themselves charitable (known as 'Unrelated Business Income' or 'Non-Primary Purpose Trading'). So, for example, a charitable company operating a business manufacturing widgets would (subject to certain carve-outs such as small income thresholds) be taxable on its business profits from that activity.

Concern in New Zealand over the tax exemption for the business income of charities is not new. Successive governments going back to the 1960s have made occasional noises regarding the breadth of the exemption but have not been able to find the political appetite to even contemplate any reform.

This is not really surprising as the charities sector is a large and effective lobby group, and would no doubt strongly oppose any attempt to reduce its net revenue. Individual charities are typically forthright in promoting the public benefit of their charitable purposes, and believe their work is justifiably supported by the tax system.

And there are many people in the wider community who agree with this view. The public benefit of charitable activity is broadly accepted as a rationale for exempting the income of charities from tax, and it is assumed that these activities would otherwise have to be undertaken by the state in some form or other.

Whatever view you take of the public utility of the work undertaken by charities, there is no argument that the amount of income derived by charitable entities is substantial: figures from the Charities Services website note that the 26,773 registered charities in New Zealand returned income of \$15.759 billion in the last financial year. Data published on the charities register suggests that a sizeable proportion of this income derives from some form of trading activity.

On any reckoning this is a significant number, and the community as a whole has an interest in ensuring that exempting such substantial amounts of revenue from taxation is consistent with the original objectives of the legislative provisions. It is worth noting in this context that total tax revenue for the Crown from all sources in the 2013-14 income year was \$61.5 billion.

Against that financial background, the question now is whether it is appropriate to retain the current open-ended exemption for business income of charities, or whether reform should be implemented broadly along the lines of comparable overseas tax regimes.

Such reform would not only promote fairness and competition in the business sector, but would also be in the public interest. It would help to ensure that the principles underlying the exemption are not compromised and that public support for charities generally is maintained.

Patrick Flannery is a lawyer with over 20 year's experience in the taxation field and a lecturer in taxation at Massey University.

Date: 06/05/2015

Type: Features



Jason Paulin in Caral, Peru, one of the most ancient cities of the Americas

Top Spanish language students awarded

Studying Spanish language and Latin American cultures at Massey University has opened up a whole new world for Jason Paulin. He is one of three high-achieving Spanish language students awarded a prize by Argentine ambassador Fernando Escalona at the Wellington Embassy last week.

Bachelor of Arts student Mr Paulin spent seven years in Peru, where he taught English. He now runs his own online translation service in New Zealand, and says learning to speak Spanish has been life changing.

Learning Spanish and living in another country; “really opened my eyes to different realities and how other people live in the world,” he says. “It’s changed my outlook on the world, and helped me to develop as a person. Being able to communicate with local people in another language – you really get to understand things on a deeper level.”

He began learning Spanish at St Patrick’s College in Silverstream, and had the chance to travel to Peru on a school trip. He returned again to travel, work and hone his Spanish, and while there he met and married a



Argentine Ambassador Fernando Escalona hosting a reception for Massey Spanish language staff and students; Dr Celina Bortolotto, Catherine Withford, Jason Paulin and Dr Leonel Alvarado

Peruvian woman.

He's been studying Spanish and linguistics by distance from Wellington as part of his plan to work towards gaining formal qualifications as a translator. Mr Paulin says he appreciates how the Massey Spanish language programme encompasses the many other facets of language learning, such as songs, literature, culture, history and the diverse accents and expressions of Spanish-speaking nations.

Spanish language lecturer Dr Celina Bortolotto, who attended the prize giving along with programme co-ordinator Dr Leonel Alvarado, says the students were given editions of books by major Argentine authors Jorge Luis Borges and Julio Cortázar. Mr Paulin won the 300-level prize and Catherine Witheford won the 100-level prize, while 200-level winner Elizabeth Warren was unable to attend.

"The Ambassador and the Consul, Romina Bocache, congratulated both students on their command of Spanish and their interest in the language and culture. They also discussed further opportunities for exchanges/work with our students," Dr Bortolotto says.

Prizes have been awarded by the embassy to Massey University undergraduate students of Spanish language at each level every year since 2012.

The Spanish Language programme is available internally at the Manawatū and Albany campuses, as well as by distance, and has been specially designed by Dr Alvarado and his team for Australasian learners.

Date: 07/05/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Humanities & Social Sciences; Extramural; Feature; International; National; Palmerston North; School of Humanities; Wellington



Co-directors of the Riddet Institute Distinguished Professors Paul Moughan (left) and Harjinder Singh.

Renewed funding for Riddet Institute

New Zealand's premier centre for fundamental and strategic scientific research in food, the Riddet Institute hosted by Massey University, has been selected once again as a Centre of Research Excellence (CoRE).

Following a stringent selection process, four additional groups have been selected as CoREs, meaning they will each receive several million dollars of funding annually for the period from 2016-20. This brings the total number of centres to 10. Massey is a partner or host of seven of them.

The Riddet Institute was established in 2003 and focuses on four key aspects of science: food material science, novel food processing, human nutrition, and gastrointestinal biology. Their goal is to play a pivotal role in developing future foods that meet the nutritional needs of the world and at the same time boost the value of New Zealand's food exports.

Massey Vice-Chancellor Steve Maharey says the decision reflects the outstanding leadership and talent of staff within the centre.

"The expertise of our scientists is wide ranging and world renowned," Mr Maharey says. "The Riddet Institute has scientists who work across the spectrum. It is these people working at the interface between food science and nutrition that will allow us to meet the food challenges of the future.

"The fact that Massey is a partner in six of the remaining nine CoREs is testament to wide-ranging areas of expertise in which we collaborate across the areas of research excellence that matter most to New Zealand."

Riddet co-directors Distinguished Professor Paul Moughan and Distinguished Professor Harjinder Singh say they are delighted with the continued funding. They say the work of the institute is "vital for a highly innovative and viable food export sector and will allow for continuation of world class fundamental food science and research training"

"The CoRE funding reflects the outstanding academic credentials and world class standing of the Riddet Institute team."

Tertiary Education, Skills and Employment Minister Steven Joyce says CoREs provide a collaborative environment that foster innovative research. "The work of our 10 CoREs will deliver benefits to New Zealand across economic, environmental and social platforms that will make a difference to the lives of all New Zealanders."

The Riddet Institute is a partnership between Massey University (the host), the University of Otago, The University of Auckland, AgResearch and Plant and Food Research.

CoREs have been operating in New Zealand since 2002 and received more than \$434 million in funding from the Government.

The other three CoREs announced today are the Bio-Protection Research Centre hosted by Lincoln University, QuakeCore: Centre for earthquake resilience hosted by the University of Canterbury and Ngā Pae o te Māramatanga hosted at the University of Auckland.

The six CoREs announced last year are the Maurice Wilkins Centre (hosted by the University of Auckland), the MacDiarmid Centre (Victoria University of Wellington), the Medical Technologies CoRE (Auckland), the Dodd-Walls Centre for Photonic and Quantum Technologies (University of Otago), Te Punaha Matatini – the Centre for Complex Systems and Networks (University of Auckland), and Brain Research NZ (University of Otago and University of Auckland).

The government's announcement can be read [here](#).

Date: 07/05/2015

Type: University News

Categories: Home Page article; College of Health; Explore - HEALTH; Funding; Innovation; National



The importance of languages – particularly Asian languages – is frequently mentioned by the Government

Opinion: NZ policy silent on language learning

by Karen Ashton

Recent headlines about the state of language learning in New Zealand schools makes for pretty miserable reading: 'Fewer pupils learning languages' and 'Schools fail on foreign languages' (NZ Herald). Apparently; 'Overall, Ministry of Education figures show the percentage of secondary school language learners to be the lowest since 1933' – the lowest number of students learning languages for 80 years.

According to Dr Graham Stoop, the Ministry of Education's head of student achievement, 'the drop in language enrolments was because students no longer saw languages as important'.

The reality is somewhat more complex. Languages in our schools do not receive the support they should. They are a learning area in the New Zealand Curriculum but not a compulsory one. What's more is that New Zealand is one of the few countries where learning a language is not compulsory at any age.

The importance of languages – particularly Asian languages – is frequently mentioned by the Government, as well as by business and education leaders, in the media.

The focus is usually on globalisation, trade and the need for economic growth. However, there is a mismatch between what is said at this level and what actually appears in terms of policy directives and implementation.

Although calls for the introduction of a national languages policy in New Zealand were first made over 20 years ago, and are supported by a wide range of stakeholders, there is currently no such policy in New Zealand. The lack of a national policy for languages, and the fact it is not a compulsory learning area within the New Zealand Curriculum, sends a negative message about the importance of language learning in New Zealand.

It doesn't stop there – further negative messages can be found in other Government 'policies'. For example, a wide variety of credits in subjects such as drama and PE count towards literacy credits at NCEA level 1

and 2 – New Zealand's 'National Certificate of Educational Achievement'. As well they should – no argument there.

However, there is ample evidence that learning a language supports first language literacy – more evidence, I would suggest, than for a number of other subjects that are credited.

However, this is ignored in New Zealand policy where only credits in Te Reo Māori and Latin count towards literacy credits. Credits in languages such as French, German, Spanish, Japanese and Chinese do not. No Government rationale for this has been provided.

This isn't the only area where the evidence base in the research literature is ignored. The main messages from Government or the media regarding language learning are around the extrinsic benefits of learning a language as a 'career tool' to prepare students to work in the increasingly 'globalised' world. And it appears that schools and parents are significantly influenced by the extrinsic benefits of a language in their decision-making.

This can be seen in Government funding support for Asian languages over other languages and in the growth of Chinese as a trade language, overtaking the numbers of learners of other languages, such as Japanese.

However, increasingly in the literature, intrinsic benefits such as the attraction of learning about a new culture and making connections with others are highlighted as important reasons or motivations for students to study a language. Intrinsic, rather than extrinsic factors, are also cited as key reasons for students continuing to learn a language.

Interestingly, the focus of the New Zealand's curriculum's Learning Languages area is also around intrinsic factors, such as connecting people locally and globally, the interconnectedness of language and culture, and developing the ability to move between different languages and cultures. Yet this is just another example of mixed and conflicting messages.

It is hardly surprising that students are not taking languages given the lack of support and incentive to do so at policy level. Long-term commitment in planning and stability of policy is needed rather than the current ad-hoc and sporadic rhetoric for current 'in-trend' languages.

Dr Karen Ashton is a senior lecturer and specialist in second language learning and teaching in Massey University's Institute of Education.

Date: 07/05/2015

Type: Features

Categories: College of Education; College of Humanities & Social Sciences; Opinion Piece; Teaching



An artist's impression of a magma-water explosive eruption in Auckland

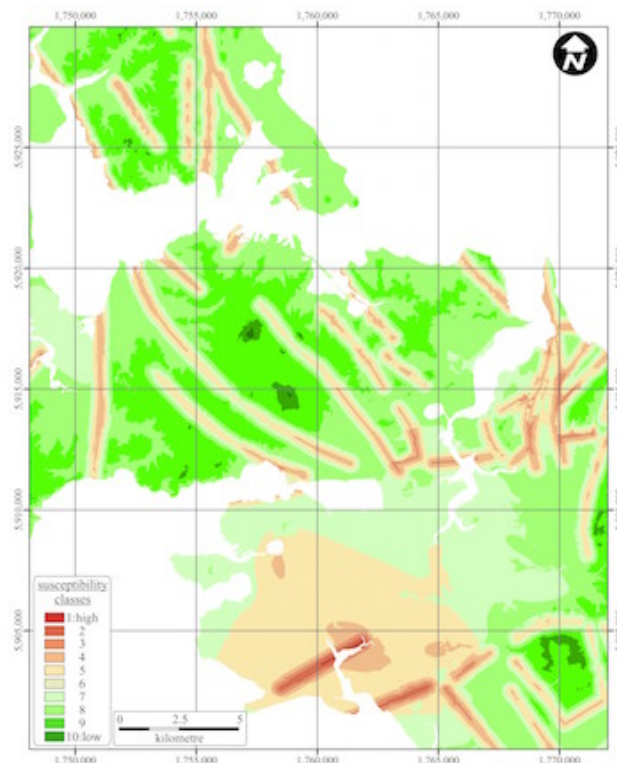
Scientists map Auckland's volcanic hazard zones

A new, geology-based approach has predicted just how susceptible various areas of Auckland are for initial explosive volcanic activity – with Three Kings and Māngere identified as potentially high-risk areas.

The research uses Geographic Information Systems (GIS), a technique that combines multiple levels of information onto a map, to give a susceptibility score from one to 10, with one being the most susceptible to a particular type of eruption.

Gábor Kereszturi, a PhD student from Massey University's Institute of Agriculture and Environment, applied the GIS-based mapping technique to volcanology to understand potential volcanic hazards of the broader Auckland region. He used it to study the Auckland Volcanic Field, a 360 square kilometre area stretching from the North Shore to the Manukau lowlands.

Mr Kereszturi studied a particular type of eruption known as phreatomagmatic,



The susceptibility map of Auckland. Red and orange shows areas that have a higher risk of explosive volcanic activity.

where magma and water, from underground water table mix to cause a violent explosion.

The first layer of information he collected was a detailed map of the topography of the field created from a laser scanner mounted on a low-flying helicopter. The second layer combined topographic data with geological maps and field mapping, enabling him to estimate how past volcanoes erupted and which areas they affected.

He used the two layers of information to establish a new catalogue of 52 volcanoes that had previously erupted in the field. By then applying a sophisticated physics-based model called MAGFLOW to three well-studied volcanoes with lava flows, he was able to predict how lava might flow based on past eruptions, current landscape and lava cooling.

Mr Kereszturi says previous models have taken topography of Auckland into account but his is the first to combine topography with lava cooling estimated from past eruption properties.

The final layer of information was to include environmental factors like thickness of underlying rocks and sediments in Auckland, sea water level and distance from fault lines.

His scoring system shows areas of red – Three Kings and Māngere – that have a higher chance of explosive volcanic activity than other areas like the elevated areas of North Shore. Other areas of moderate risk include Favona and Otahuhu whereas the safest areas are Glenfield and Chatswood.

He says a GIS approach is extremely powerful because for each layer of data you add, the clearer the risk and volcanic hazard picture becomes. “Forecasting where the next eruption is going to occur is challenging. But by creating a model based on many different types of information we have readily available, it allows us to predict how a potential future volcano in Auckland might erupt and how big an area it would impact.”

The next step is to gather information about the urban objects like buildings and infrastructure and add these to the model. “The more information we keep collecting, the better these models will become and the better they can inform hazard prevention or control strategies.”

Mr Kereszturi has recently published his research in the most prestigious global volcanology magazine, *Bulletin of Volcanology* – the official journal of the International Association of Volcanology and Chemistry of the Earth's Interior – as well as the *Journal of Volcanology and Geothermal Research*.

The research was funded by the Ministry of Business, Innovation and Employment as part of the New Zealand Natural Hazards Platform, which is a research collaboration between the Auckland Council, the Earthquake Commission, Massey University's Volcanic Risk Solutions Centre and the University of Auckland. MAGFLOW was originally developed by Dr Ciro Del Negro and his research team in Catania at the National Institute of Volcanology and Geophysics (Istituto Nazionale di Geofisica e Vulcanologia).

The project was supervised by Dr Jon Procter, Professor Shane Cronin, Professor Mark Bebbington, Mr Mike Tuhoy and Dr Karoly Nemeth from Massey University and Dr Jan Lindsay from University of Auckland.

Mr Kereszturi is now working as a research officer in the New Zealand Centre for Precision Agriculture at Massey. He graduates with a PhD in Earth Science next week in Manawatū.

Date: 07/05/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; Joint Centre for Disaster Research



Omega-3 and vitamin D supplements play a number of roles in brain development

Investigating nutrition in young children with autism

In New Zealand one child in every 100 is diagnosed with a condition on the autism spectrum. It can be a stressful time for families coping with the reality of this diagnosis.

For parents and caregivers of children with autism spectrum disorder (ASD) making sure children have the right nutrition is a daily challenge. Now researchers at Massey University's School of Food and Nutrition are investigating if omega-3 and vitamin D can help improve the quality of life for these families.

Principal investigator Dr Pamela von Hurst says this is new, world-leading research that Auckland-based families can participate in.

“The Vitamin D and omega-3 in Autism (VIDOMA) study will investigate the effect of supplementing vitamin D and omega-3 in 200 children aged three to seven years who have been diagnosed with autism spectrum disorder. This is a very new area of research, and we are hoping that families will be willing to sign up and participate.

“Both vitamin D and omega-3 are known to play a number of roles in brain development, learning, memory and behaviour. We want to find out if supplementing these important nutrients can help reduce the severity of the condition, improve the developmental and cognitive profile of these children, and improve the quality of life for their families,” says Dr von Hurst.



Dr Pamela von Hurst

Internationally, the prevalence of autism appears to be increasing, but the cause is unknown.

“Each child taking part will receive a full psychological assessment as well as a nutritional assessment, which will be beneficial for all the families taking part,” says Dr von Hurst. “The research team has a raft of expertise in both autism and nutrition, and we are hopeful that this study will make a difference for all families who have children with autism.”

The research team includes two psychologists, a paediatrician from the Waitemata District Health Board, and staff from the School of Food and Nutrition. The study manager and first point of contact is Mr Owen Mugridge.

HOW DOES IT WORK?

The study will take place over a 12-month period, with children randomly allocated to vitamin D, omega-3, a combination of both, or a placebo which they will continuously take over that period. Children will attend five appointments across the 12 month period at either Massey University's Auckland campus, North Shore or Waitakere Hospitals. Three blood tests will be taken across the year and analysed. All information collected will be kept strictly confidential, and participants will receive all the results pertinent to their child.

The study has been reviewed and approved by the Health and Disability Ethics Committee: 14/NTA/113.

To register your interest, get more information or contact one of the VIDOMA team, go to the [website](#).

Date: 08/05/2015

Type: Research

Categories: Auckland; College of Health; Explore - HEALTH; Maori; Pasifika; Research; Research - Health and Wellbeing; School of Food and Nutrition



Distinguished Professor Anne Noble

Noble's photography honoured in Japan

Distinguished Professor Anne Noble of Whiti o Rehua, the School of Art at Massey University, has won the prestigious Japanese Higashikawa Prize for an Overseas Photographer.

The annual Higashikawa Awards are sponsored by the municipality of Higashikawa, Japan, which declared itself the Culture Capital of Photography in 1985. The overseas photographer award (of JPY 1,000,000) raises the Japanese profile of exceptional overseas photographers who are relatively unknown in Japan. Each year, the awards committee focuses on a different country or region.

Professor Noble was selected for the award from a shortlist of 13 New Zealand photographers. Michiko Kasahara, member of the Higashikawa Photography Awards Jury, says the decision was supported “by an overwhelming majority” on the jury.

The Higashikawa Award adds to Professor Noble's already substantial international reputation. In 2009 she received an Arts Foundation Laureate Award in recognition of her contribution to the visual arts in New Zealand. She has also received an ONZM for services to photography in New Zealand, and was a recipient of a Fulbright Fellowship to undertake a residency at Colombia College, Chicago in 2014. Professor Noble has worked as a curator, representing Australia and New Zealand as Oceania curator for the Musee du quai Branly Photoquai Biennale in 2009, 2011 and 2013. She is sought internationally, as advisor on creative arts research, photography teacher, keynote speaker and judge of international photography awards.

Antarctica has been a major focus of her work over the last decade resulting in three photographic book and exhibition projects, *Ice Blink*, 2011 (*Clouds*) *The Last Road*, 2014, and *Whiteout / Whitenoise* (forthcoming), through which she explores new ways to see and imagine a place that most people only encounter second-hand through the photographic image. Noble's Antarctic projects have been exhibited widely nationally and internationally.

More recently, Professor Noble has turned her attention to the decline of the honeybee and global threats to complex natural systems. Her current project *Song Sting Swarm* is concerned with the symbiotic relationship

between bees and humans and is premised on close creative collaborations with scientists, with professional apiarists and with members of amateur beekeeping communities.

For more information, visit the [website](#).

Date: 11/05/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Creative Arts; Creative Arts; Exhibition/Show; Feature; International; National; Uni News; Wellington



US Ambassador Mark Gilbert with fellow Americans and students currently studying on the Wellington campus Kacy Reece, at left, and Anna Palmer

Ambassador sees link with College of Creative Arts first hand

Expanding contacts between the College of Creative Arts and the United States were emphasised when US Ambassador Mark Gilbert visited the Wellington campus.

Pro Vice-Chancellor Professor Claire Robinson gave Mr Gilbert, who started his term in in January, a guided tour of the college. She highlighted growing connections between the college, Massey University and US institutions.

Each year more than 20 students from the US choose to spend a semester studying at Massey University. They include communications and photography student Kacy Reece from Maryland and Bachelor of English student Anna Palmer from Las Vegas who joined Mr Gilbert and college staff for an afternoon tea.

The Ambassador was shown around the digital fabrication laboratory (FabLab), where students can enrol in the MIT-endorsed Fab Academy, and the fashion design workrooms where Project Runway 2014 winner Sean Kelly honed his skills.

In the textile design studio, Mr Gilbert was briefed on a multi-agency wool research partnership, through Wool Fresh Ltd, which is led by Harvard MBA graduate Darius Glover and Senior Lecturer Dr Sandy Heffernan. The partnership brings together CoCA industrial, fashion and spatial students, leading textile scientists at AgResearch and Texus Fibre, an advanced material/technology company.

Other links between CoCA and the United States include its relationship with the Stanford University d. school and the fact the college is the first art and design school outside North America to be awarded “substantial equivalency” by the US accreditation body NASAD (the National Association of Schools of Art and Design) – the most comprehensive international benchmark for art and design education in the world.

Professor Robinson says Mr Gilbert's visit to the campus was a timely one.

“We are particularly delighted he was able to visit so early into his term as Ambassador.”

Date: 11/05/2015

Type: Features

Categories: Home Page article; Applied Learning; College of Creative Arts; Creative Arts; Exhibition/Show; Feature; International; Wellington



Massey University's Auckland campus

Info and enrolment evenings on Auckland campus this week

Finding out the courses on offer, uncovering scholarship opportunities and demystifying the enrolment process are just three key reasons for attending the information evenings on Wednesday and Thursday this week at the Auckland campus.

Student recruitment advisor Rebekah Walker says it's also a great opportunity to speak with prospective lecturers and find out the wide range of study options available.

"It can be quite daunting looking at all the options on offer while you're at home or at school, so holding these information evenings is a chance for people to come along and find out about the subjects that interest them. Education is such an important component in people's lives – and we want to help you make the most of your potential study," she says.

"We have found that speaking face-to-face with people who can demystify the enrolment process also helps cut down the anxiety that can arise with unfamiliar systems. We understand the process, and are happy to help and answer questions."

The information evenings start at 6pm in the Sir Neil Waters Lecture Theatres on May 13, starting with design, business, arts and introducing the new Bachelor of Commercial Music.

On May 14, the sciences, agriculture, engineering and health programmes feature, with overviews on everything from Agribusiness to Zoology.

Parking is free on campus and there is no need to register to attend. For more information, visit the [website](#).

Date: 12/05/2015

Type: University News

Categories: Auckland; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Exhibition/Show; Explore - Food; Explore - HEALTH; Explore - Planning; Extramural; Feature; International; Maori; Pasifika; Scholarships; School of Food and Nutrition; School of Health Sciences; School of Humanities; School of Psychology; School of Social Work; School of Sport, Exercise and Nutrition; Semester Two; Uni News

Sharing social work supervision research with Singapore

Sharing research knowledge with other countries is an important part of building a strong network of global expertise that has a positive impact on communities.

With this in mind, Massey University's head of the School of Social Work Associate Professor Kieran O'Donoghue is heading to Singapore this week to deliver a keynote address to more than 250 social work supervisors at the two-day *Social Work Supervision: Challenges and Advances Seminar 2015*.

“Over the past 21 years we have developed a professional culture in New Zealand where supervision has become integral to the development of social work practice and social work practitioners. The Singapore Social Work Accreditation and Advisory Board are keen to advance the professionalism of social work in Singapore through strengthening supervision,” he says.

There are about 1200 registered social workers in Singapore, where registration is voluntary and was only introduced in 2009. In New Zealand there are about 4800 registered social workers.

His keynote address will be on knowledge building and research with social work supervision, and its implications for supervisory practice and the social work profession nationally and internationally. Dr O'Donoghue will also deliver workshops on ethics and supervision practices within sessions.

Massey University's School of Social Work leads research supervision in New Zealand through student research, publications, professional consultancy and training, and its postgraduate diploma in social service supervision.

“The social work workforce, like many other professions, is increasingly becoming an international one. This internationalisation means that there is a greater need to share knowledge through collaborative research networks, and the development of national and international standards for best practice.”

For more information on social work at Massey University, visit the [website](#).

Date: 12/05/2015

Type: Research

Categories: Applied Learning; College of Health; Conference/Seminar; Explore - HEALTH; International; Palmerston North; Research



Associate Professor Kieran O'Donoghue



The Red Cross is just one of the organisations at the Volunteer Expo on the Auckland and Manawatū campuses

Volunteer expo can open door to jobs

Volunteering is now seen by many employers as an essential component of an employee's CV, and Massey University students will get an opportunity on Wednesday to see how they can make a difference at the annual Volunteer Expo.

The Volunteer Expo will be held on both the Auckland and Manawatū campuses on May 13 and offers the chance for students and members of the community to come along and chat with over 20 different not-for-profit organisations to find out the best fit for their skills.

Auckland campus career development consultant Trish Fleetwood says volunteering is becoming more important to employers.

“Employers have told us that one of the factors they look for on a CV is whether or not the potential candidate has volunteered their time and given back to the community. We have found that some of our students start volunteering and discover wonderful ways to add value to the organisations they work with.”

Volunteering also enables people to develop networks, enhance self-esteem and gain insights into a range of career paths.

“We are delighted to host the Volunteer Expo at Massey University and we are looking forward to seeing both students and members of the local community at the expo,” Ms Fleetwood says.

For details on the expo, and hints on volunteering, visit the [website](#).

EXPO DETAILS

Auckland campus

Atrium Round Room – Level 1 Atrium Building- 12 noon – 2pm

Manawatū campus

Dining Hall – Student Centre- 12 noon – 2pm

Date: 12/05/2015

Type: Features

Categories: Applied Learning; Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Feature; Music and campus life; National; Palmerston North; Pasifika; Uni News



Massey Business School graduate Huybrecht Poot (fourth from left) with his family at graduation in Palmerston North.

Graduation pride for retired farmer

He left school aged 13 in the Netherlands, but 88-year-old Huybrecht Poot never stopped learning throughout his life and this week graduated with a Certificate in Business Studies from Massey University.

A retired dairy farmer now living in Rotorua, Mr Poot completed his final economics papers in hospital this year following surgery.

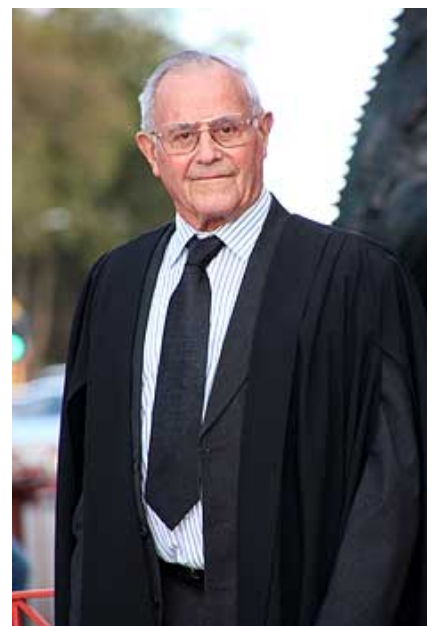
On Monday he was the first graduand to cross the stage at the Regent Theatre in Palmerston North in Ceremony One for the Massey Business School, and the first of 1211 students to be capped during six ceremonies this week.

One of 12 children, he helped run the family farm from the age of 13. He was a messenger for the Dutch Resistance during World War Two, and served in the Netherlands Intelligence Service for two years in Indonesia before immigrating to New Zealand in 1950. He started out as a sharemilker on a Putaruru farm, and later bought his own farm in the Bay of Plenty.

Despite leaving school so young, he says he was a good student and completed the Diploma Intermediate Agriculture in the Netherlands.

In New Zealand, he has been involved in a range of farming, school and community organisations including roles as chairman of Federated Farmers' branches in Ngutunui and Te Awamatu. He is also an ordained Elder and Lay Preacher for the Presbyterian Church.

Mr Poot says he loves to study and gain new knowledge so that he can use it to help people and serve his community. He studied by distance and focussed on economics, commercial law and accountancy papers,



Huybrecht Poot

as these subjects were useful for giving advice during his roles in various organisations.

His delight in being capped at age 88 was obvious. "I never expected it," he says. "I think if you are determined you can do it. My studies have always been so I can help others and to be able to give quality opinions, to farmers – for example – who want advice."

Caption: (top) Huybrecht Poot with his family at graduation (from left) son-in-law Glen Reichardt, daughter Rosemary Reichardt, son Edward Poot, Huybrecht Poot, nephew Huybrecht Poot, daughter Margaret Poot and (son) John Poot.

Date: 12/05/2015

Type: University News

Categories: College of Business; Extramural; Graduation; Graduation (Palmerston North); Uni News



Jacob Oram and Dr Alec Astle at the graduation ceremony for the Massey Business School in Palmerston North on Monday.

Cricket connection plays out at graduation

When cricket legend and former Black Cap Jacob Oram was capped at the first of Massey University's six ceremonies yesterday he met up with his former high school coach, also in graduation garb.

Mr Oram graduated with a Bachelor of Business Studies while Alec Astle gained a PhD at the same ceremony. The pair have kept in contact since their time at Palmerston North Boys' High School, where Dr Astle coached Mr Oram

Dr Astle says he could see Mr Oram was a "very able student" at high school with strong academic capabilities. "I know he is delighted to finally graduate after 18 years since starting his degree – a consequence of being a professional cricketer and often playing year around.

"Jacob was in the Palmerston North Boys' High School 1st XI cricket team that I coached in 1994 and 1995. He was captain of my 1995 side and a member of the Cricket Development Squad I took to Singapore and Australia in 1993. We still keep in touch."

For Dr Astle, the ceremony was the culmination of an academic project that he hopes will be shared with a much wider audience because of its practical focus on sports development. As a former teacher, deputy principal and cricket coach at Palmerston North Boys' High School for 24 years, he was determined to produce an academic study of sport development to fill the gap. He hopes to get parts of his thesis published in academic journals and to also produce an accessible textbook for sports administrators.

Mr Oram, too, says his business studies are proving of value in his contract commercialisation work at Massey's BioCommerce Centre, as well as in his ongoing coaching roles and management of New Zealand's only indoor grass cricket pitch at his former school.

Although it took him 18 years to complete his degree, he says he especially enjoyed the final three years of study as a mature student.

He first enrolled 1996 and completed the first semester before being selected for a cricket youth tour to England for two months. "This cut out the second semester, and I've never been fulltime [as a student] since."

He trimmed his study load to one or two papers a semester. "While you do have down time on a cricket tour, the last thing you want to do is be inundated with study and assignments. You chip away at them, but you don't want to be doing it every waking minute when you're training or recovering. It's good to use your brain in a different way, but I had to make sure I managed it right."

Mr Oram played 33 tests, 160 one-day internationals, 36 twenty20 internationals and 85 first-class matches. He played for New Zealand in three Cricket World Cups, including two semifinals – and is one of 36 New Zealand test cricketers to have scored 1000 or more runs. He is also one of just six New Zealanders to have reached the double of 1000 runs and 100 wickets in one-day internationals. On several occasions during his career he was ranked as the world's number one-day international allrounder.

Once his cricket career took off, he was playing all three formats and was away 10 months a year and didn't do any papers during that time. "There was a period where cricket was absolutely number one priority."

With his retirement from cricket imminent, he decided it was time to come back to study as he faced the post-cricket transition into other career directions.

"I'd invested time, energy and money into it already and thought 'I need to do this – its something that's going to help me post-cricket'.

He's done two papers a year for the last three years, knowing he had to complete by 2014 or his enrolment would expire.

"I started getting As, which for me was good – I really enjoyed these past three years, especially going up to library and spending half a day in the books."

While scoring a 100 runs at Lords cricket ground in London – and a place on its Honours board – as well as playing in two cricket World Cup semifinals count as his top cricket highlights, wearing another kind of black cap at graduation was a big moment too, he says.

Date: 12/05/2015

Type: University News

Categories: Home Page article; College of Business; Extramural; Graduation; Graduation (Palmerston North)



Distinguished Professor Peter Schwerdtfeger and daughter Laura Schwerdtfeger with Dr Mirjam Guesgen and her father Professor Hans Guesgen at graduation in Palmerston North.

Like father, like daughter – science is a family affair

Two Massey University science graduates are following in their fathers' footsteps.

Laura Schwerdtfeger, daughter of Distinguished Professor Peter Schwerdtfeger, and Dr Mirjam Guesgen, daughter of Professor Hans Guesgen, graduated today with a Bachelor of Veterinary Science and a Doctor of Philosophy in Zoology respectively. As members of the College of Sciences' faculty, both professors were seated on stage as their daughters were capped.

Miss Schwerdtfeger says there was no question about her chosen career, which started when she brought animals home to care for as a young girl. What is surprising to her is that she now works as a rural production animal veterinarian at a practice in Franklin.

"I wasn't brought up on a farm at all. I'm a city girl brought up in Auckland. But that's what I love about my new job – I love the learning side of things, learning from farmers and other vets."

This drive to continue learning was instilled by her father, she says. "My dad is a scientist himself so he always encouraged me to have an inquisitive mind. Whether I wanted to go down the research side of things or the clinical path is something I had to decide along the way."

Professor Schwerdtfeger, 2014 Rutherford medal winner, acclaimed scientist and leader of the Centre for Theoretical Chemistry and Physics at Massey University, says it means the world to him to see his daughter graduate.

"I am terribly proud of my daughter, she has done incredibly well, being on the Dean's list twice in her studies. Massey University also has one of the best vet schools in the world. She told me many times about the outstanding lecturers she had and the high level of teaching she experienced," he says.

This will be the second time Miss Schwerdtfeger graduates from Massey University. She completed a double major in physiology and zoology prior to starting her veterinary degree.

Like Miss Schwerdtfeger, Dr Guesgen's passion for science was fostered by father. She fondly remembers occasions where her father would visit her school and talk about science.

"I remember the whole class being so engaged and almost in awe – even the ones that usually skived off during class! He also used to let me come with him to university during the school holidays. I knew that's where I wanted to be. He is so inspirational and was also a great sounding board when I was doing my research."

Although both keen scientists, their fields of study couldn't be more different. Professor Guesgen's research involves designing 'smart environments' – spaces that are seamlessly interwoven with sensors and computational elements, while Dr Guesgen investigated emotion in animals for her doctoral thesis, and how the social environment affects pain behaviour of lambs.

Both work at the University. Professor Guesgen is the School of Engineering and Advanced Technology's computer science chair and Dr Guesgen as the university's science communications adviser.

"I really enjoyed studying zoology and being in the academic environment but I also really enjoy communicating science to the public," Dr Guesgen says. "I want to get other women interested in science and the way I can do that is by showcasing the amazing, wide-ranging research that's going on."

Professor Guesgen says he is puzzled as to why more young people are not interested in pursuing a career in science. "New Zealanders are known for their ingenuity – it comes naturally to them," he says.

"I am definitely happy with Mirjam's choice of going into science. It will take her places and give her the opportunity to make a contribution to the world."

He says that with the internet, the opportunities are broader than ever before. "Just think about it, nowadays knowledge can be shared almost instantaneously and at little cost, so every result you produce can be accessed by a large number of people. Which other products can be distributed that easily?"

Both young women hail from Germany – Miss Schwerdtfeger from Stuttgart and Dr Guesgen from Bonn – but now call New Zealand their home.

Date: 12/05/2015

Type: University News

Categories: Home Page article; College of Sciences; Graduation (Palmerston North); School of Veterinary Science; Uni News



The negotiations between Greece and the Eurozone financial chiefs represent a typical game of 'Chicken', the origins of which date back to 1955 film Rebel Without a Cause, starring James Dean.

Opinion: The Greek-Eurozone game of Chicken

By Christoph Schumacher and Nigel Espie

Over the past few years, the world has been inundated with news of Greece's financial misfortunes. Concerns of an impending Greek default have resurfaced in the past month as Greece's ability to repay 2.5 billion euros to the IMF in May and June looks dubious.

A Greek default would, undoubtedly, have negative consequences not only for all Eurozone members, but also for the world economy. The severity of the situation has led many people to question why negotiations between Greece and the Eurozone financial chiefs have failed to reach a resolution over Greece's upcoming IMF repayments. Game theory offers a unique perspective into the standoff.

How did we get to the standoff?

First, a bit of background. Greece joined the Eurozone in 2001 and three years later admitted to intentionally understating its budget deficit so it dipped below the 3% threshold required by the Maastricht Treaty. In 2009, Greece's debt to GDP ratio reached 113%, almost double the Eurozone limit.

Greece was asked to adopt austerity plans that sparked strikes and riots in the streets. On May 22 2010, Eurozone members and the IMF agreed on a 110 billion euro bailout package to save Greece, followed by a permanent bailout fund called the



Professor Christoph Schumacher.

European Stability Mechanism, worth about 500 billion euros. A further 109 billion euro package designed to resolve the Greek crisis and prevent contagion among other European economies was implemented.

The bailout packages haven't greatly changed the situation within Greece, largely because bailout money has been used to service loans rather than being invested into the economy. Greece's economy has shrunk by one-quarter over the past five years while unemployment is now over 25%.

In January 2015 the new leftist, anti-austerity Syriza party was elected to power. The new Prime Minister Alexis Tsipras promised to renegotiate the bailout arguing that the austerity measures imposed on Greece had created a humanitarian crisis.

The Greek-Eurozone Chicken Game

The negotiations between Greece and the Eurozone financial chiefs represent a typical game of 'Chicken', the origins of which date back to Nicholas Ray's 1955 film *Rebel Without a Cause*, starring James Dean. In this classic film two teenagers play a game where cars are driven off a cliff to determine who is the bravest. With one driver in each car, the winner of the game was the person who jumped out of their car at the last moment. Conversely, the person who jumped first was the 'Chicken'.

As in the game of Chicken, both Greece and the Eurozone have the option to make concessions (jump out of the car first) or hold firm in negotiations (not jump out). As with most negotiations, the best outcome for a party is to stand their ground while the other party makes the concessions. However, as both parties want this outcome, this raises the possibility of both sides holding firm and no settlement being reached. In the Greek-Eurozone crisis, this would mean a Greek default and the associated consequences that would ensue for the rest of the Eurozone.

Fortunately there is a third outcome that can prevail in Chicken – both parties can jump out of the car at the same time. If both sides are willing to make concessions, then the second best outcome in this game can be attained for everyone. This co-operative outcome could be reached if the Eurozone extended further concessions to Greece, while Greece made binding promises to implement meaningful reforms to get their economy back on track.

Sadly, game theory suggests that this is unlikely. That's because each player achieves their best outcome by doing the opposite of their opponent. For example, if Greece believes the Eurozone will make concessions, it will achieve the best outcome by standing firm; if it believes the Eurozone will stand firm in negotiations, it's best option is to make concessions to avoid the dire consequences of a full-blown default.

The role of negotiations in Chicken

There are very large stakes resting on the outcome of the Chicken game between Greece and the Eurozone so it is not a comforting thought that both parties have so far dug in their heels, making co-operation unlikely.

But there is a sliver of light on the horizon. Through the arrival on the scene of a new Greek primary negotiator, better communication lines should open up. Research has shown that when people playing Chicken engage in two-way communication (where both sides can send messages to their counterparts) a co-operative outcome becomes more likely.

To date, the communications between Greece and the Troika (a three-party commission consisting of the European Central Bank, the European Commission and the IMF) have failed to reach a compromise, largely because of hardline negotiating by the parties involved.

The stalemate has largely been blamed on Greek Finance Minister Yanis Varoufakis and the situation has been well described by renowned economist, Nouriel Roubini in classic Chicken game terms: "...until a week ago, the Troika was saying 'we are not going to blink', Varoufakis was saying 'we are not going to blink'."

Varoufakis, who has been the Greek Finance Minister for the past three months, now finds himself between a rock and a hard place. If he offers to make concessions – as desired by the Eurozone – he will renege on promises made when he was elected as part of Greek's governing Syriza party. The risk of political fallout has led to his lack of willingness to compromise.

Varoufakis has also antagonised Eurozone finance chiefs who have reportedly accused him of being a time-waster, a gambler and an amateur. Adding fuel to the fire, he has also alienated himself by quoting one of Franklin D Roosevelt's most memorable lines on twitter: "FDR, 1936: 'they are unanimous in their hate for me; and I welcome their hatred'. A quotation close to my heart (and reality) these days..."

With such levels of animosity between Varoufakis and the Eurozone finance chiefs, it is of little surprise that negotiations have not led to mutual compromise. But with Varoufakis' recent sidelining as Greece's primary

negotiator, there is new hope that compromises on both sides can be achieved.

Varoufakis' replacement is Euclid Tsakalotos, who is described as amiable and soft-spoken. For the Eurozone finance chiefs, negotiating with Tsakalotos will be a welcome change. With personal animosity off the negotiating table, let's hope that meaningful communication between Greece and the European Central Bank can finally end this game of Chicken.

Christoph Schumacher is a Professor in Economics and Innovation and Nigel Espie is a Masters student at Massey University.

Date: 12/05/2015

Type: Features

Categories: College of Business; School of Economics and Finance



(From left to right) Professor Annette Huntington, Andrew Cameron, Professor Paul McDonald

May 12 celebrates International Nurses' Day

May 12 2015 marks the 195th anniversary of Florence Nightingale's birth, and is also International Nurses' Day.

Head of the School of Nursing Professor Annette Huntington says nurses make a significant contribution to people in New Zealand and overseas, and it's fitting that International Nurses' Day acknowledges that.

“At Massey University, we want to acknowledge the major contribution that all our registered-nurse postgraduate students make to the health and wellbeing of people in New Zealand and overseas – now and in the future.

“Nurses contribute directly in providing care to individuals, whānau and communities, but also contribute in an amazing range of support and leadership positions and collectively, we impact on wider society in a way that supports the lives of people we work with, especially those in challenging situations.

“We also want to acknowledge our undergraduate nursing students who will lead the profession of tomorrow - you are our future. We know you will make a really exceptional contribution to the health of your communities whether in New Zealand or overseas and will continue the tradition of concern for the wellbeing of people,” she says.

Massey University Distinguished Alumni Service Award winner Andrew Cameron is a shining example of the calibre of New Zealand nurses serving the international community. A Red Cross nurse, he has worked in war-torn regions across the globe including Kenya, Sudan, Afghanistan, Iraq, and South Ossetia in Georgia, as well as serving remote populations in Australia.

For information on nursing at Massey University, visit the [website](#).

Date: 12/05/2015

Type: Features

Categories: Alumni; Applied Learning; Auckland; College of Health; Explore - HEALTH; Extramural; Feature; International; Maori; National; Palmerston North; Pasifika; Student profiles; Uni News; Wellington



Jamie Henderson and Isaac Henderson developed a safety management system for Palmerston North Airport as a part of their Bachelor of Aviation Management.

Aviation students improve safety at PN airport

Two Massey University aviation students have spent around 300 hours developing a safety management system for Palmerston North Airport as part of a university project.

Jamie Henderson and Isaac Henderson (who are not related) both graduated with their Bachelor of Aviation Management from Massey University this week. As part of a 'special topic' for their degree, the duo developed an integrated safety management model for the airport that has also attracted the attention of other aviation organisations.

"Safety management systems are a relatively new concept," says Isaac. "The Civil Aviation Authority has indicated they will be legally mandated in the future and Palmerston North Airport has taken a proactive approach to making sure they have a framework in place before it becomes a legal requirement."

"The other problem is that many organisations have found some of the policy documents released by the CAA difficult to interpret," says Jamie. "When we spoke to industry organisations, it became clear that many were grappling with how to implement a safety management system."

"We saw there was a need for research in this area and an opportunity for us to create some commercial opportunities for ourselves as well."

Isaac says many in the aviation industry were having difficulties with this new approach and felt the policy guidelines were "a bit airy fairy". They were keen to understand how to implement the changes in the real world.

"Previously, organisations have been quite reactive – an incident happens and they look at ways they can ensure it doesn't happen again. But this new approach is about risk analysis and stopping potential accidents before they happen. It is about integrating safety into everything an organisation does."

“It's like comparing a diet to lifestyle,” Jamie adds. “You're more likely to be successful if you make changes to your lifestyle than if you just start a diet in isolation.”

Palmerston North Airport agreed to be the duo's project case study and they spent many hours speaking to people at all levels within the organisation, from senior management to frontline employees. The end result was a 200-page report that included a gap analysis outlining the changes the airport needed to make to meet future legislative requirements and an implementation plan to close those gaps.

Glen Pleasants, the airport's Manager Aeronautical and Infrastructure, says the report will be “incredibly useful” as the airport revamps its safety management systems.

“What Isaac and Jamie produced was a full front-to-back safety management system so it's going to take time to work through it all, but it's definitely saved me a lot of time,” he says.

“The CAA is pushing airports in this direction but some of their most useful recommendations go above and beyond what the CAA is requiring. They have researched global best practice and even uncovered ways of meeting ACC requirements to decrease our levies. It's all incredibly useful.”

While the students' report was customised for Palmerston North Airport, they were able to develop a framework and templates for more general use – and other aviation organisations have expressed interest in their work. One has already contracted their services to implement a safety management system.

While Jamie and Isaac hope their fledgling consultancy business will continue to attract clients, they recognise the market for implementing safety management systems is quite small in New Zealand. So both are currently undertaking their Masters of Aviation Management at Massey and pursuing other aviation research projects.

“I'm always keeping my eye open for commercial opportunities,” Jamie says. “It's great to be able to get some practical, real-world experience while studying and even make a little bit of money on the side.”

Date: 12/05/2015

Type: Research

Categories: Home Page article; College of Business; Explore - Aviation; Graduation; Graduation (Palmerston North)



Part of the South2Sky team; Ed Love is on the far right.

Massey sponsors epic run for charity

When firefighters from across New Zealand converge on Auckland for the annual Firefighter Sky Tower Stair Challenge on May 23, one group will have worked harder than anyone else to get there.

Massey University is the principal sponsor of a team of firefighters from the Bay of Plenty and Christchurch who will run a relay from Bluff to the Sky Tower, covering 1,807km in 12 days. The aim of the epic challenge, dubbed South2Sky, is to raise additional funds for Leukaemia and Blood Cancer New Zealand (LBC).

Once the firefighters reach Auckland, they will also compete in the Sky Tower Stair Challenge, which sees firefighters climbing the 51 floors of the Sky Tower wearing 25kg of kit, also to raise funds for LBC.

Sue Allen, stakeholder management director at Massey University, says she was impressed by the initiative of the firefighters and their commitment to the cause.

South2Sky's South Island coordinator and sponsorship manager Ed Love, who belongs to the Southbridge Volunteer Fire Brigade in Canterbury, says he volunteered for the challenge because he "was already doing the Sky Tower and it seemed a better way to raise more money".

The Massey University student, who is currently undertaking his Bachelor of Business Studies (BBS) via distance learning, says his studies have been very useful while organising and promoting South2Sky.

"The BBS so far has taught me to think analytically, which is helpful when foreseeing potential problems and pre-empting them," he says.

He says that while on the road, the South2Sky team will often be isolated from each other. Each firefighter will run around 20km each day but, while not running, team members will go ahead to fundraise.

Mr Love says that he wants to post some good running times so the team are not out on the road too late each night, but his main objective is to make sure the event runs smoothly.

“I want it to be a smooth and safely-run event, while achieving our goal of increasing awareness and funds for LBC.”

For more information on the event and to donate to this cause please visit the South2Sky website <http://south2sky.co.nz/> or their Facebook page <https://www.facebook.com/south2sky>.

Event route (please note this may be subject to change):

Running Leg stops at:

- Bluff Station 9 May (start of challenge)
- Milton Volunteer Station 10 May
- Oamaru Volunteer Station 11 May
- Ashburton Volunteer Station 12 May
- Waipara Volunteer Station 13 May
- Kaikoura Volunteer Station 14 May
- Picton Volunteer Station 15 May
- Saturday 16 May Ferry crossing
- Pahiatua Volunteer Station 17 May
- Taradale Volunteer Station 18 May
- Taupo Station 19 May
- Te Puke Volunteer Station 20 May
- Ngatea Volunteer Station 21 May
- Auckland OP Support 22 May
- Floor 51 Sky Tower, 23 May

Date: 12/05/2015

Type: University News

Categories: College of Business



Lieutenant General (retired) Rhys Jones, Professor Brigid Heywood, Dr Gerald Hensley and Professor Glyn Harper

Humanities flagged by diplomat and church leader

An Anglican church leader based in Rome and top former diplomat who has worked for 10 New Zealand prime ministers were conferred with honorary doctorates at Massey University's College of Humanities and Social Sciences graduation ceremonies today.



Former diplomat and public servant-turned-author Gerald Hensley CNZM and Archbishop Sir David Moxon have both come under fire in their respective roles from terrorists' bullets and nuclear bombs. They have served New Zealand in political administration and clerical roles around the world and been at the centre of pivotal events in history.

Professor Peter Lineham, Archbishop Dr Sir David Moxon and Sir Anand Satyanand

Both published authors, they were each awarded the degree of Doctor of Literature (honoris causa) by the University for their contribution to their respective fields of politics and religion.

Dr Hensley's diplomatic career spanned two decades, including eight years as Permanent Head of the Prime Minister's Department – four with National's Sir Robert Muldoon and nearly four with Labour's David Lange. In that time, he says he learned much about politics and the “art of getting something done” whilst managing, reconciling and compromising half a dozen conflicting views.

Among his numerous roles and postings around the globe – from the Pacific and Asia to the United States of America and London – he says he is most proud of the part he played in securing independence for Samoa in 1962 and the Cook Islands in 1965.

One of his more hair-raising memories was in April 1973 in Washington, where he served as Counsellor at the New Zealand Embassy. The Black September terror group painted slogans on his house and fired shots through the window of a bedroom where his elderly parents were sleeping. This was thought to have been the first Islamic-based terror attack in the United States.

Dr Hensley has published numerous articles on Asian and Pacific Affairs, as well as three books.

In his address to graduates, he spoke of the timeless value of studying humanities. “The pace of change today threatens to disengage us from the past,” he said. “Knowledge has been transformed over the last two or three decades, in the sciences, medicine, biology, psychology and many other disciplines. Some experts have proclaimed that any knowledge older than 15 years is likely to be out of date and not worth knowing.

“The humanities differ from other disciplines in the long stretch of their view,” he said. “Literature and history are not the prisoners of time. Both are able to range over the centuries to show human nature in all its complexity and at its fullest stretch, from heroic greatness to deepest infamy.

“The glory of studying the humanities is that their revelation of the wonder, sadness, heroism and sheer variety of life sustains us for a lifetime.”

In his capacity as a historian, he is co-chair of the World War One Centenary History Project, run in partnership with Massey University, New Zealand Defence Force, the Ministry for Culture and Heritage, and the Returned and Services Association.

Archbishop Dr Sir David Moxon, who flew from Rome to his hometown of Palmerston North for the ceremony, said he was delighted to receive his honorary degree, given that he was unable to attend graduation for his Master of Arts in Education, which he completed at Massey in 1976. He is currently resident in Rome as the Representative of the Anglican Church to the Holy See.

He told the graduates in his speech there was no longer a “generational time gap of say 25 years between what a university expounds and its impact on the conduct, ethics, strategic planning, advocacy, legislation, treaties and political decisions of a nation”.

Humanities and social sciences graduates should be mindful that “the value of Massey as a learning engine will be measured by the flourishing of people's personal learning for the common good, by the intellectual, imaginative and empathetic powers it has fostered and deployed from deep within the hearts and minds of people.”

He gave an example of how studying the humanities can empower people to make a stand on important issues from his own life when he took part in a peace flotilla to French Polynesia to protest against nuclear weapons testing in the Pacific.

“Shortly after our arrival a huge nuclear bomb was finally detonated under Fangataufa Atoll of 110 kilotons, five times the size of the bomb that was dropped on Hiroshima,” he said. “We all went quiet then, filled with a sense of huge sadness. This seemed to us to be sheer madness; to desecrate the earth with nuclear poison and trial a weapon that could plunge the whole world into a nightmare of destruction and death.”

His specific political role was to try to encourage French church awareness and action, and to influence French public opinion through broadcasts and press releases from near the nuclear bomb site. “At the time, 65 per cent of the French public were already against testing. We hoped that this would be raised to the point where President Chirac would be unable to proceed with five more detonations. In the end, he reduced the tests by two.”

He says he learned from this experience that “when we need to pull together and harness our education and training for the common good, we can be extraordinary. Which is surely the point of this graduation: to find ways of pooling your talents and knowledge for the common good.”

Sir Anand Satyanand, in his citation, said “although he [Sir David] has risen to occupy the highest posts in the church, he has never lost roots in the general community, having worked as a young man at the

Longburn meat works and as a Volunteer Service Abroad worker in the Pacific. “

Along with numerous roles in the Anglican Church throughout New Zealand and the Pacific, he attended the University of Oxford Honours School of Theology, St Peter's College, Oxford, where he graduated with a BA (hons) in 1978 and a Master of Arts in 1982.

He says his role in Rome involves engaging with and building a rapport with the Catholic Church at a time of significant change within the Catholic church by discussing “things we all agree on, things we might agree on and things we'll never agree on.”

He has met Pope Francis several times, and describes the experience as; “like sitting down with a favourite uncle. He's very honest and courageous. Very compassionate and humble.”

One of the projects he is most excited about in his current role being part of an initiative with leaders of Anglican, Catholic, Jewish, Muslim, Hindu and Buddhist faiths to end slavery and human trafficking in the world, and to fight for justice and development.

Date: 13/05/2015

Type: University News

Categories: Home Page article; Awards and appointments; College of Humanities & Social Sciences; Graduation; Graduation (Palmerston North); School of Humanities; Uni News



Sarah McGuinness with her three-month-old baby Penelope at graduation in Palmerston North this week

Health coaching a psychology grad's dream

Sarah McGuinness's investigation of body image and eating attitudes of midlife men and women for her psychology honours research has led her to doing something positive and practical to address issues she observed among those she studied.

Ms McGuinness graduated this week in Palmerston North with a Bachelor of Science (Honours) degree through Massey University's School of Psychology. She has combined her degree with a background in communications and leadership training, and a keen interest in health and wellbeing, to launch a health-coaching practice in her hometown of Christchurch.

Health coaching is still relatively new to New Zealand, and she points out that her focus is on taking a whole-of-life approach, and finding what will work for the person whatever their health status and personal circumstances.

"Studying psychology was the missing piece for me in understanding what works in health coaching," she says. "The first lecture I took I felt 'I'm home' because of the focus on behaviour, and understanding individual differences and what this means for making changes."

Her research of 187 women and 48 men aged 30 to 60 through an online survey revealed midlife women were dissatisfied with their bodies and had more problematic eating attitudes when compared with midlife men. While her findings were not unexpected, they provide a snapshot of attitudes in an older age group for what is an important health issue, she says. She also uncovered nuances and insights that have helped inform her practical work on promoting healthy living for an older age group.

She was interested in studying both genders in this age group because little has been done to date, noting in her thesis that dissatisfaction with body image is so common it is considered normal behaviour among younger women. She wanted to know whether that dissatisfaction deepened for older women whose bodies are affected by biological changes such as pregnancy, aging and menopause – with the tendency for weight gain these produce.

“There is a lot of pressure for women to look a certain way and what my research found was that body image dissatisfaction certainly continues for women into midlife,” she says.

Building on work she'd done previously in Australia in leadership development, her health coaching business Red Tussock offers “evidence-based programmes and services that empower people to feel good about themselves and feel ready, confident and able to achieve great things,” she says.

While her business targets physical wellbeing, as a psychology scholar she is acutely aware that the mind is the most crucial tool for improving overall health. Her focus, she says, is to help people make a plan for change by identifying psychological and practical barriers – like attitudes that inhibit someone from getting enough exercise, or a lack of knowledge about eating well. She works one-on-one with clients on achievable, sustainable goals for improving their health and lifestyle.

“Mostly it's about knowledge,” she says. “People just need support in working out what their options are. For some, it's about getting past the idea that the only way to get fit is to go to the gym. You can walk – it doesn't cost anything! What's important is to find something that you can do regularly, that fits into your life and that you enjoy. The mental benefits are just as important as the physical ones.”

She says it can be hard at first for people in the midlife zone to make lifestyle changes because they often have competing demands of work and family. And while some older people don't care so much about body image, many want to find ways to stay in good health as they face the challenges of aging.

Ms McGuinness, who gave birth to two children while working on her thesis and setting up Red Tussock, says she understands firsthand the challenges of trying to juggle work, family and health. Massey's distance learning programme enabled her to pursue her study goals alongside major life events, she says.

Her research supervisor Dr Joanne Taylor, a lecturer in the School of Psychology, says it's always pleasing to see someone's research findings being used to inform their own work. “Once the study is published, it will be available to other researchers and health professionals,” she says.

Ms McGuinness was one of 1211 graduands to be capped at six ceremonies this week.

Find out more about Red Tussock [here](#).

Date: 13/05/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; School of Psychology; Uni News



Memos from Prince Charles to UK ministers have raised questions about whether the next-in-line-to-the-throne will be politically impartial.

Opinion: Do we need a meddling Monarch?

by Grant Duncan

Memos from Prince Charles to UK Ministers (published by the Guardian after a decade-long legal battle) reveal that the next-in-line-to-the-throne may not take the impartial, non-political approach characteristic of his mother, Queen Elizabeth. The memos reveal that Charles is quite prepared to intervene in matters ranging from badger-culling to heritage preservation to agricultural regulations.

One of the memos directly involves New Zealand. Writing in 2005 to Tessa Jowell, then UK Secretary of State for Culture, about the conservation of the Shackleton and Scott Huts in Antarctica, our future King recalls a conversation he had with Helen Clark. Although Jowell's department is, he believes, unable to assist projects "overseas", he wonders whether Antarctica isn't somehow "British" and hence not technically "overseas", and he asks her, even if it's "futile", to apply "a bit of imaginative flexibility in the interpretation of these rules."

He may be well intentioned. After all, the preservation of the Shackleton and Scott huts is a worthy cause. But, here we see the future monarch using his personal influence for a pet project and asking a minister to bend the rules in its favour. It appears that anyone able to influence him could well be able to influence public policy by pulling strings at the highest levels of government.

The most eye-popping of the memos is the one to the PM, then Tony Blair, in which the Prince attempted to influence the UK's agricultural policies in ways that would have contravened UK and EU regulations.

The UK's monarch is equally New Zealand's monarch. Queen Elizabeth has set a good precedent of impartiality, allowing the democratically elected government of the day to get on with its business. She has a right to be privately informed and advised by, and to warn, her ministers. But she does not meddle in government either in the UK or in her other realms, such as New Zealand. Her role (and the role of her appointed Governor-General) is constitutional, not political. After all, the monarch is not elected. Once the

Sovereign begins to get involved in politics and public policy, then he or she could become a target for lobbying.

The publication of these memos is a major embarrassment for Prince Charles, and they bring into question his suitability as monarch. In fact, they bring into question the suitability of New Zealand's retaining the British monarch as its head of state at all. There is no reason in principle why Charles, as future King, would not seek to use his private influence over ministers in New Zealand in order to see to it that his pet projects were treated with special favour. Do we really need that?

Associate Professor Grant Duncan is a lecturer in the School of People, Environment and Planning at Massey University. He teaches public policy and political theory at the Auckland campus, and has published a book on social policy in New Zealand. He has also published more widely in the field of public policy and public management. Read more blogs [here](#).

Date: 14/05/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Opinion Piece

Opinion: It's not about banter - it's about bullying

The recent publication of the *Out on the Fields* study of homophobia in sport in English-speaking countries has highlighted what sexual and gender minorities know all too well: homophobia is alive and well and living in our communities. Let us be clear: this study is not about banter; it is about bullying.

Whether it is in classrooms or boardrooms, on the street or on the sport field, pitch or paddock, the dominant social understanding is that heterosexuality, and its accompanying rights, institutions and privileges, is normal, natural, inevitable, and desirable. This view, called 'heteronormativity', is what surrounds children and young people from birth. Heteronormativity is reinforced by media and every social institution, and can be accepted uncritically by young people as they become adults.

Heteronormativity is accompanied by the notion of heterosexual privilege, by which heterosexuals assume the right to establish 'normal' behaviour and relationships, and to demean non-heterosexually conforming behaviour. Heterosexual privilege assumes the right to shout 'faggot', 'queer' or 'dyke' at two men or two women walking down the street holding hands, minding their own business. It assumes the right to label, exclude, and humiliate people based on assumptions about the way they behave or love. It assumes the right in some countries to engage in so-called corrective rape of women who are perceived as lesbian, or to jail, torture or execute gay people for the crime of being who they are.



Associate Professor
Mark Henrickson

Heterosexual privilege in every country educates young people about how they must behave in order to avoid being excluded or humiliated, including ensuring that young people conceal any non-conforming identities. In 1983 the late poet Adrienne Rich wrote "Heterosexuality has had to be imposed, managed, organized, propagandized and maintained by force". In other words, homophobia, heteronormativity and heterosexual privilege are simply sophisticated words for social bullying.

Out on the Fields is an on-line study of 9,494 people (and 26 per cent of these identified as heterosexual) from the major English speaking nations — USA, UK, Australia, Canada, Ireland, and New Zealand — and asked them about their experiences in sport. This was a self-selected and very large sample, with 651 participants from New Zealand. (It is notoriously difficult to recruit probability samples for studies of sexual and gender minorities because many people in these groups feel the need to conceal their sexuality identities).

Among key findings, the study found that 73 per cent of participants felt that youth sport is not safe and welcoming for gay people; 80 per cent of participants said that they had witnessed or experienced homophobia in sport; 84 per cent of gay men and 82 per cent of lesbians had been the target of verbal assaults, and 19 per cent of gay men and 9 per cent of lesbians had been physically assaulted.

These findings are very consistent with the 2003 *Lavender Islands* national study of 2,269 people in New Zealand which found that three-quarters of gay men and two-thirds of lesbians had been verbally assaulted, and 18 per cent of gay men and 9 per cent of lesbians had been physically assaulted because of their sexuality. It seems that not much has changed.

The findings from *Out on the Fields* will be nothing new to sexual and gender minorities. Queer communities have experienced intolerance and hate in many arenas, whether it is from religious authorities, in a classroom, an athletic team or PE class, a parliamentary debate, or simply walking down the street. What *Out on the Fields* does is to turn the focus on where the problem really sits.

Calling someone 'queer' or 'faggot' is not a gay problem: it is a straight problem. It is a problem for heterosexuals. People who engage in social bullying are lesser people because of their bullying, and they teach our children to be lesser, more intolerant people. That is the challenge to New Zealand sport and the wider society.

The messages from *Out on the Fields* are directed at both heterosexual people and sexual minority communities. To heterosexuals the message is: this kind of bullying is your problem, and you need to fix it. The study challenges heterosexual coaches, officials, and players to stand up and declare themselves against bullying of any kind in sport, and particularly homophobic bullying. It challenges heterosexual

academics who study sport to conduct full scale studies of sport in New Zealand to document the scope of homophobic bullying in all codes, and to make clear recommendations to address the problem.

To sexual minority communities, the message is equally clear: the battles are far from over. Author Michaelangelo Signorile warns against 'victory blindness'. With all that gay, lesbian and trans communities have won in the last few years in the legislatures, courts and media it is easy for us to sit back and think 'We won'. But *Out on the Fields* reminds us that there is still much more to do.

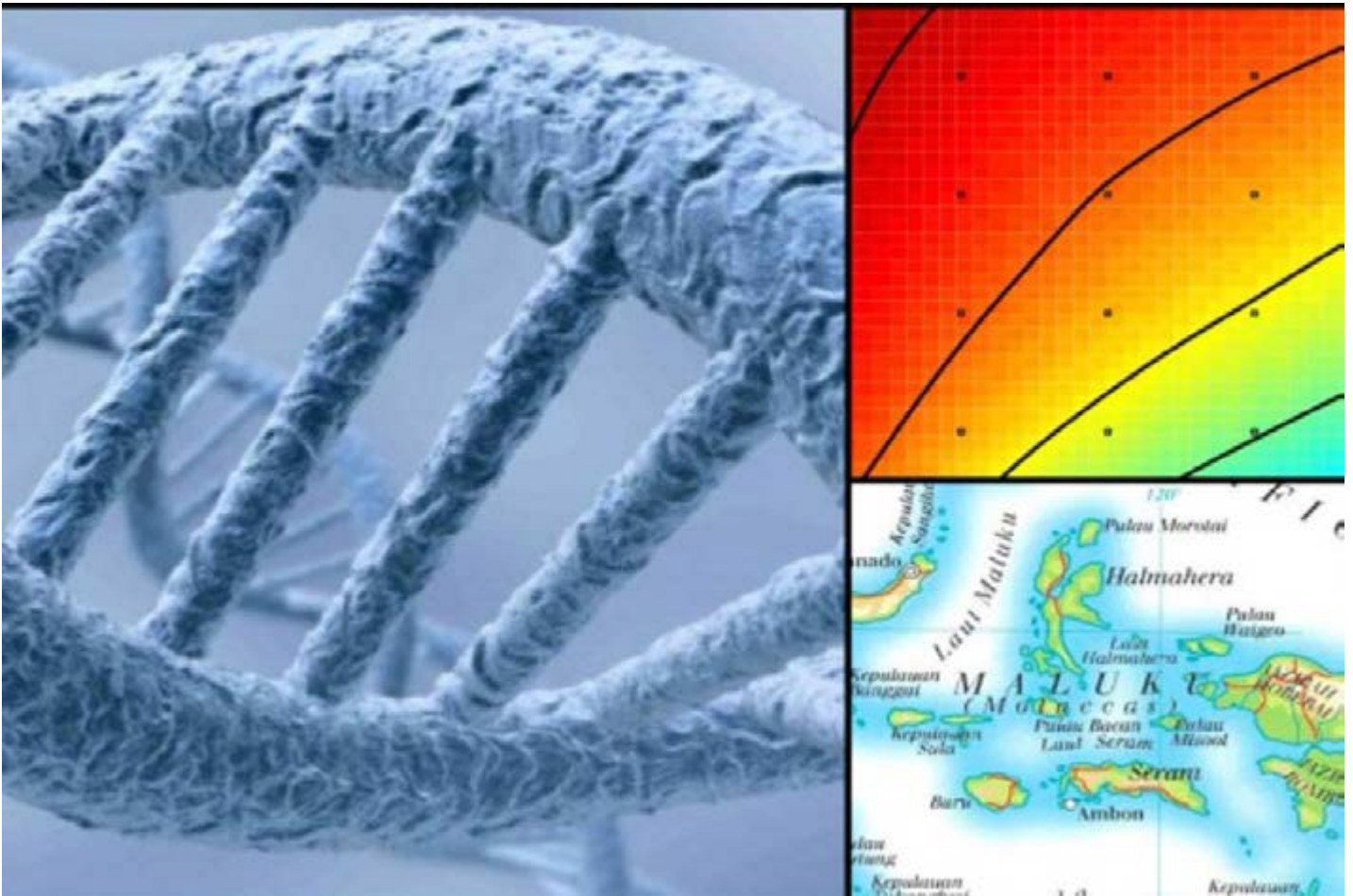
Now it is clearer where the work must be done to ensure healthy young people and societies: not only in queer communities, but in mainstream heterosexual communities.

Mark Henrickson is Associate Professor of Social Work at Massey University, Auckland.

Date: 14/05/2015

Type: Features

Categories: Auckland; College of Health; Explore - HEALTH; Feature; National; Opinion Piece; Palmerston North; Sport and recreation



Cousin marriage puts gene pool at risk

Marrying your cousin may be legal but scientists have found it could significantly reduce genetic diversity, potentially leading to genetics disorders and lower fertility.

Although frowned on by many, including some religions, the only country in the western world to actually outlaw first cousin marriage is the United States.

Author and poet Edgar Allan Poe, physicist Albert Einstein and, perhaps ironically, the author of the theory of evolution, naturalist Charles Darwin are among famous people in history to marry their cousins.

New research published in the journal *Molecular Biology and Evolution* examined the relatively small population of the Rindi region on the Indonesian island of Sumba, where marriage rules dating back centuries dictate that men must marry a first cousin on the mother's side of the family.

With a population of only about 7000, the scientific team, which includes experts from Indonesia, Singapore, the United States and New Zealand, expected to find significant biological effects of hundreds of generations following the rule.

They used a specially developed computer program to run simulations to see how non-sex linked chromosomes (autosomes), the X and Y chromosomes and the DNA that is inherited only from the mother (mitochondrial DNA) would be affected if everyone followed the rule. They modelled it over many generations because the evidence suggests the practice is extremely longstanding.

What they found was that arranged marriage should theoretically reduce the genetic diversity in those different DNA regions but what surprised them was that testing of the DNA in the current population did not reflect that.

It turned out the saving grace of the population is that the marriage rules are not strictly followed, either because it was not possible if a man's mother had no siblings or no siblings with daughters, or because some men chose to ignore the rule – perhaps to forge alliances between families in other ways.

Senior author on the paper Associate Professor Murray Cox from Massey University's Institute of Fundamental Sciences says anthropologists have been studying the diverse range of marriage rules for the last century but this is the first study to try and understand any biological effects.

“Marriage rules help structure connections within and between communities but any rules that affect marriage will also have a direct impact on offspring and the genetics of a community,” Dr Cox says.

“It's important to understand these genetic effects because reduced diversity might result in lower fertility, genetic disorders and potentially the loss of a community.”

A 2013 paper published in *The Lancet* found that babies of first cousin marriages were twice as likely to have a genetic disorder such as cleft palates, genital defects or problems with their nervous, respiratory and digestive systems. However, this percentage was fairly low at 6 per cent and is comparable to the risk faced by children born to mothers over age 35.

The cultural practice of arranged marriage is common in areas like South Asia or the Middle East as well as some Western countries including New Zealand, the United Kingdom and the Netherlands where there are large populations from these regions.

The research was lead by scientists from Massey University's Institute of Fundamental Sciences, including PhD student Elsa Guillot, alongside scientists from the Eijkman Institute for Molecular Biology (Indonesia's top genetic research centre), the Division of Biotechnology at the University of Arizona, United States, and the Complexity Institute at Nanyang Technological University, Singapore.

Dr Cox has also produced a summary of the teams' research in the form of a [video](#).

Date: 14/05/2015

Type: Research

Categories: College of Sciences; Explore - HEALTH; Research



Michelle Ingram

What is it like to live with psoriasis?

Psoriasis is a non-contagious, chronic inflammatory skin condition that can have considerable implications for those who suffer from it.

A Massey University researcher is looking to talk to people living with plaque-type psoriasis, to better understand how having this condition can affect a person's life.

PhD student Michelle Ingram is looking to interview around ten people aged 18 and over in the Wellington region who have had chronic plaque psoriasis for more than two years, and have had their psoriasis diagnosed by a dermatologist.

“The aim of this study is to explore people's experiences living with psoriasis. I am interested in hearing how having psoriasis has affected their lives, in any sense.

“I am hoping this research will contribute to a respectful awareness about the challenges associated with psoriasis, and help in demystifying the condition to those who don't suffer it,” says Ms Ingram.

The interviews will take place in a private room on the Massey University Wellington campus, and will take around 1 – 1 1/2 hours. The interviews will be digitally recorded and then transcribed, and participants can ask questions and clarify any issues they may have about the project at any time.

Ms Ingram says the study will be one of a few that have taken a qualitative approach, allowing the researcher to capture people's stories and experiences about what it is like to live with psoriasis over an extended period of time.

For more information on the study, please contact Michelle Ingram by email: m.ingram@massey.ac.nz.

Date: 14/05/2015

Type: Research



Dr Andrew Foskett

What should athletes eat for optimum performance?

Working out what teenaged and high-performance athletes should eat for optimum performance just got easier with a one-day nutrition symposium on May 23.

Among the expert speakers is New Zealand's FIFA U-20 World Cup sport scientist and Massey University lecturer Dr Andrew Foskett.

Dr Foskett is currently in camp with the New Zealand U-20 squad as they prepare for the start of the tournament on May 30. A total of 24 national teams are competing in the FIFA U-20 World Cup across New Zealand.

“Nutrition is an essential component of good sports performance, and fueling teenaged bodies is always a challenge. If we can establish good habits early, athletes can create an edge that will stand them in good stead as they age,” says symposium speaker and nutrition lecturer Dr Pam von Hurst.

Black Stick Samantha Charlton will also be interviewed at the symposium on life as a student athlete.

The Nutrition for Exercise and Performance symposium takes a multidisciplinary approach to the latest nutrition research and brings together top nutrition experts from a range of sports in Australasia, including Dr Gary Slater from the Australian Rugby Union, Associate Professor Ben Desbrow from Griffith University in Queensland, and Tanya Hamilton, Christel Dunshea-Mooij and Dane Baker from High Performance Sport New Zealand. As well as Dr Foskett, Massey University nutrition and sport science presenters include Dr Kathryn Beck and sport psychology lecturer Warrick Wood.

Symposium organiser Owen Mugridge says hosting the event on a Saturday enables a wider range of people to attend.

“This symposium is aimed at all those people involved in research and academia, youth coaching and high school physical education, pharmacy, nutrition and wellness, and those with interests in supplementation and caffeine in performance.

The Osteopathic Council is also supporting this event with 6.5 CPD points.

Although there is an emphasis on teenaged athletes, topics covered include supplementation, caffeine, high performance team and individual nutrition, and hydration for all athletes. Identifying the psychological barriers to good nutrition in teens, and practical tips for teenaged athletes and their teams will also be covered.

“We've tried to keep costs down, so the earlybird pricing still stands, and there's student pricing for students of Massey University as well as students from other institutions. We emphasise the balance between the latest research and evidence-based, practical recommendations throughout the day. It's also a great opportunity for delegates to connect and make some important contacts,” says Mr Mugridge.

The symposium is part of an ongoing series hosted by Massey University, with the next symposia aimed at allergies and intolerances, and a two-part series on early life nutrition for the first 1000 days of life.

For more information or to register, visit the [website](#).

Date: 15/05/2015

Type: Features

Categories: Academy of Sport; Alumni; Applied Learning; Auckland; College of Health; Conference/Seminar; Exhibition/Show; Explore - HEALTH; Extramural; Feature; Innovation; Institute of Sport and Rugby; International; Maori; National; Pasifika; Research; School of Food and Nutrition; School of Sport, Exercise and Nutrition; Sport and recreation



Prescribing the right medicine for overactive bladder syndrome is difficult

Identifying overactive bladder issues just got easier

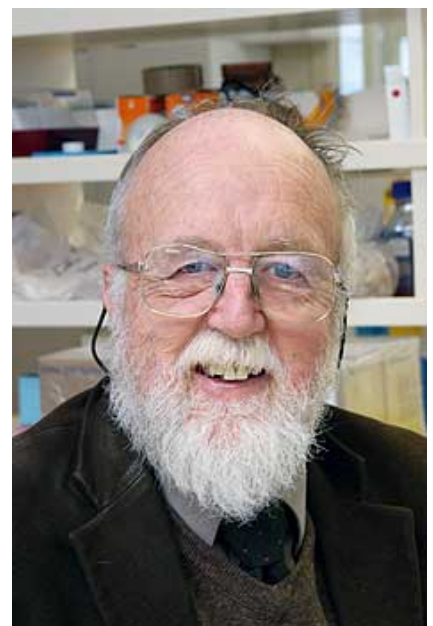
Biomedical researchers at Massey University have just published groundbreaking research that could lead to faster diagnosis of bladder problems in women, in a leading specialist journal, the *British Journal of Urology*.

Such is the novelty and importance of the findings that they have also been reported in the clinical review section of the prestigious journal *Nature*.

Professor Roger Lentle leads the digesta group in the Physiology department of the School of Food and Nutrition, the research team that is currently investigating the relationship between normal and disordered bladder motility (the ability of the bladder walls to move and contract spontaneously). The team includes a senior consultant urologist from Palmerston North Hospital and researchers from the Institute of Veterinary, Animal and Biomedical Sciences at Massey University.

“Understanding the motility — or movement, including contractions — of the bladder is particularly important for the treatment of overactive bladder syndrome (OAB) — a debilitating disorder that affects 16 per cent of women over 40 years of age, and this increases to over 60 per cent of female rest home residents in the Western world,” Professor Lentle says.

The bladder acts as a reservoir for the urine that is being continuously made by the kidneys. Its walls gradually relax as the volume of urine that is stored gradually increases. This control of the elasticity of the bladder wall prevents pressure building up inside the bladder. If the pressure is successfully controlled the bladder can accommodate the incoming urine and signals can be sent to the



Professor Roger Lentle

brain accurately indicating how full it is. This allows us to visit the toilet when it is convenient, and then allows the brain to send a conscious signal to empty the bladder.

The system for accommodating urine and controlling pressure can sometimes go wrong. Hence the pressure can suddenly go up or down, and the signal that the bladder is full suddenly activates. This can lead to distressing problems, such as frequent trips to the toilet or being “caught short” when there is not enough time to reach the toilet. This can happen in both men and women for a number of medical reasons, but is much more common in women.

Until now there have been no tests that are able to identify the disorder in the walls of the bladder. Worse still, similar symptoms can be caused by disorders other than OAB. This means clinicians have had to rely on an expensive strategy of excluding the other, more readily identifiable, causes of the symptoms and scoring symptom intensity to evaluate treatment.

The Massey team has developed and used a novel technique termed “two dimensional video spatiotemporal mapping” to visualise and track the minute movements made by the bladder wall during its accommodation of incoming urine.

“The mapping algorithm works by mathematically comparing successive frames of a video film so that minute changes not visible to the human eye can be identified. The results are plotted with a colour code identifying the areas of greatest movement and overlaid onto successive frames of the original video,” says Professor Lentle. The results were surprising.

“We thought that the entire bladder wall would contract or relax simultaneously to reduce pressure, but it turns out that adjustment occurred in patches and that these patches migrated in continuous circuits over the surface of the bladder.”

Seeing this activity meant researchers could then determine the size of the patches, the rate at which they moved over the surface of the bladder and the time taken for them to complete a circuit.

“The results may be a game-changer in the diagnosis of OAB, as we hope that comparisons of similar measurements taken from people with OAB alongside those from healthy people will give a clearer understanding of what exactly goes wrong.

“We’re currently investigating ways that clinicians could map these movements using laparoscopes or cystoscopes — instruments that can take videos of the bladder wall without the need for surgery. Once we have developed that technique we hope to test a large group of women with “normal” bladders, and women with OAB in order to evaluate which of these measurements are affected by the disorder,” he says.

“Ultimately, if we can identify such measurements, and can provide urologists with a means of taking them, it will enable definitive diagnosis and direct testing of the effect of drugs that may control OAB in the patient.”

Pro Vice-Chancellor of the College of Health Professor Paul McDonald says the research will benefit many people.

“This is just the latest series of significant research by this world-class research group conducted within our Massey Institute of Food Science and Technology (MIFST) – the largest collective of expertise of its kind in the Southern Hemisphere – that will benefit so many.

“Roger Lentle’s team has a long and distinguished track record of producing important research helping us to better understand digestion and bladder problems.”

The link to the article in the Journal of Urology is [here](#).

Date: 15/05/2015

Type: Research

Categories: College of Health; College of Sciences; Explore - HEALTH; Feature; Innovation; National; Palmerston North; Research; Research - Health and Wellbeing



March and May have been expo months for Massey

The Career and Employment Service hosted voluntary work expositions at the Auckland and Manawātū campuses this week after hosting a general careers expo at Manawātū earlier in the month.

In March the service hosted an accountancy expo at the Auckland campus and a voluntary work expo at the Wellington campus.

Service staff also worked with colleagues from Student Recruitment, People and Organisational Development and the College of Humanities and Social Sciences for Palmerston North's annual Palmerston North's annual Sort It expo – a jobs and careers expo that showcases opportunities available in the Manawātū region. It brought Massey staff into contact with significant numbers of prospective students.

Date: 15/05/2015

Type: Internal Communication

Categories: Any



University librarian Linda Palmer, former Wellington campus librarian Kat Cuttriss and Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood.

Wellington Library refurbishment celebrated

Completion of Wellington's refurbished campus library was officially recognised with a celebratory morning tea last week.

Vice-Chancellor Steve Maharey, Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood and University librarian Linda Palmer joined staff to mark the completion of the refurbishment project, which began in December 2013.

The first stage involved the expansion of the library's second level floor area, the installation of a new lift and major changes to the space.

The second stage involved overhauling and updating the ground floor service point and information centre and the integrating the Teaching and Learning Centre.

Te Mātauranga-Parliament, an artwork and wood carving by Lee Watt that was temporarily removed during the refurbishment, has been reinstalled.

Athfield Architects, the firm that designed the award-winning College of Creative Arts building Te Ara Hihiko, worked with library staff to address the challenge of developing the space for existing and future use while remaining open for use by staff and students.

There was an emphasis on the requirement for spaces to address the creative and collaborative needs of students from the College of Creative Arts, while at the same time ensuring students from the Colleges of Health, Humanities and Social Sciences, and Sciences were provided with spaces that complement their learning.

Professor Heywood says the end result is a space that allows for collaborative learning and research as well as individual, focused study.

Date: 15/05/2015

Type: Internal Communication

Categories: Any



Some of the 50 Māori graduates who were honoured at a celebration during graduation week in Palmerston North.

Māori graduates span multiple fields of study

Combining the science of insects, or entomology, with culture and art in her doctoral thesis led Dr Liz Grant to create a new word – ento-articulture.

Dr Grant (Ngāti Raukawa) was one of 50 honoured at a special Massey University celebration for Māori graduates on Thursday.

She researched the world of insects in New Zealand around the time of European colonisation for her Fine Arts thesis through the College of Creative Arts. In it, she explored the different meanings and significance of insects to Māori and Pākehā. Titled *Bronze as a non-customary intervention in the interpretation of insects from the natural world of Māori*, her thesis compares the ways the two cultures interacted with insects.

While Māori perceived insects as ancestors, visual representations of gods, omens or spirits, seasonal indicators, pests and as harvestable food, Europeans captured, pinned and displayed them for scientific classification and cataloguing.



Māori graduates' procession led by Kapa Haka group Te Piringa

Her project incorporated the creation of nine collector's cabinets and drawers in bronze to present a Māori narrative in a unique and compelling way.

Her artwork, she says, “combines the science of entomology, with culture, and impelled me to formulate a new word to describe the outcome – ento-articulture.”

From business, sciences, sport and exercise, and social work to Māori visual arts, design, fine arts, humanities and social sciences and teaching, Māori graduates with qualifications in diverse subjects were honoured at this year's celebration.



Dr Areta Wilkinson and Dr Liz Grant

Whānau, friends and academic staff celebrated their achievements at a special celebration at Palmerston North's Regent Theatre.

They included two PhDs, four Master's and eight Bachelor of Māori Visual Arts graduates. Others gained qualifications in museum studies, resource and environmental planning and whānau development, as well as accountancy and education.

Dr Areta Wilkinson (Ngāi Tahu) investigated the links between contemporary jewellery as a form of knowledge and practice of Māori philosophies in her Fine Arts doctoral thesis.

Guest speaker Dr Shiloh Groot (Ngāti Pikiao, Ngāti Uenukukopako) told the gathering she was delighted to attend the Māori graduation celebration and cherished the great sense of occasion with “haunting waiata and fiery haka” performed by families of each graduate as they take to the stage.

Too often Māori were presented on the basis of deficiency, rather than “the success, joy and integrity” evident in graduation celebrations, she said.

Dr Groot has held research and teaching appointments at Massey University and Waikato University. She is an interdisciplinary and Māori social scientist working in the fields of indigenous worldviews and communities, resilience, human rights, homelessness and urban poverty. Her research is collaborative and involves working with service providers and various professional groups to better conceptualize and address socio-cultural and economic concerns, such as her role as co-chair of the Māori Caucus for the New Zealand Coalition to End Homelessness.

Date: 15/05/2015

Type: University News

Categories: College of Creative Arts; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences; Graduation; Graduation (Palmerston North); Maori; Uni News



The government's announcement of cuts to ACC levies has prompted Labour leader Andrew Little to argue for a return to pay-as-you-go.

Opinion: ACC – Political football du jour

by Grant Duncan

The government's announcement of cuts to ACC levies has brought Labour's leader Andrew Little into the fray arguing that he would go one better and return ACC to its former pay-as-you-go model, which could mean even deeper levy cuts, at least for a while.

Since 1999, successive governments have moved ACC away from pay-as-you-go to fully-funded. The scheme now has more or less sufficient funds to pay off all future outstanding costs of current claims. In theory, the scheme could be wound up without further levies. This has meant that we (the people of NZ) have had to pay higher levies in order to amass a huge fund that (at 31 June 2014) was \$27.4 billion. That's quite a big nest egg!

So, in the 2013/14 year, ACC collected \$4.7 billion in levies from us. But its claims costs were 'only' \$3.65 billion. On top of that surplus, ACC earned an investment income from that huge nest-egg of \$1.5 billion. In short, the scheme is rolling in money. That's our money. And keep in mind that levy-payers and claimants are not two separate, competing groups of people. All New Zealanders pay into the scheme (except children, who will one day anyway). And, over a lifetime, I would guess that we all make (at least a few minor) claims. We all pay and we all benefit, and the good thing is that we do not have to share any of the investment income or the surplus with greedy shareholders or investors, because the scheme is a state monopoly.

It's easy to see from the figures that, now that the scheme is close to fully funded (and more than that in some accounts), levies can be reduced, and we can enjoy the benefits of the investment income.

In the past, I have opposed full funding, as the ACC has operated for most of its life without it, being a state monopoly. Full funding is a requirement for private-sector insurers, and is useful if the government wanted to privatise ACC. But that's no longer an issue (thank heaven!)

But, now that it is fully funded (at our expense), I would suggest that we just keep it that way. We, the levy-payers, have saved for years to get to this state, and we can benefit from the investment income. Businesses especially benefit from predictability in their budget-lines, one of which is the ACC levy. So, I disagree with political parties who want to throw ACC funding from pillar to post, as Mr Little is suggesting. Just leave it alone, and get on with the job of injury prevention and rehabilitation now, please. Oh, and thanks for the reductions in levies! We deserve them!

Associate Professor Grant Duncan is a lecturer in the School of People, Environment and Planning at Massey University. He teaches public policy and political theory at the Auckland campus, and has published a book on social policy in New Zealand. He has also published more widely in the field of public policy and public management.

Date: 15/05/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Opinion Piece



Tax specialist Dr Deborah Russell

Opinion: Taxing property speculation in Auckland

By Dr Deborah Russell

When Graeme Wheeler introduced the Reserve Bank's new rules for property investment in Auckland, he said that it was only one tool to manage the housing crisis. Some tax measures could be implemented too.

The huge increases in Auckland house prices seems to be assisted by a tax break on investment. Investors take advantage of cheap interest rates to buy more houses, driving prices up and first homebuyers out. They get to claim the interest as a tax deduction but, for the most part, there's no tax on any gain in value if the property is sold.

So people investing in housing get both a tax advantage on interest, and an untaxed capital gain. It seems obvious that we could use a tax mechanism to mitigate this problem.

But there are design constraints around any tax mechanism. Ideally, a tax-based response to the housing crisis would affect only speculators, it wouldn't have perverse consequences, and it would be consistent with other tax laws.

One suggested mechanism is a "deemed rate of return". Instead of calculating the actual income and expenses on a property, investors are deemed to earn a certain percentage of the property's value. For example, investors might be deemed to earn 5 per cent on the value of their property, and they would be taxed on that amount, no matter how much they had spent on interest.

But this has the perverse consequence that landlords can't then deduct other expenses either, such repairs and maintenance. Landlords could be reluctant to spend any money at all, leaving tenants in miserable houses.

Another approach is to disallow deductions for interest. However, this is inconsistent with how other business expenses are treated. It would also have a highly negative effect on investors all through the country, not just in Auckland where the highest capital gains are being earned.

I think that we should look to the well-established principle of apportionment to devise a tax mechanism for the Auckland property market. Tax law routinely requires businesses to apportion expenses between private and business activities, between taxed and untaxed activities, and between local and foreign enterprises.

Although investors in the property market claim otherwise, it seems obvious that at least part of their reason for investing is to collect untaxed capital gains. If those gains are untaxed, then it seems unfair for them to be able to deduct the full cost of any interest.

I suggest that we allow a proportional deduction for interest on residential rental properties. If a person's own investment is equal to the amount borrowed for the property, then they could get a full interest deduction. But if the owner has put in only, say, 25 per cent of the cost price, and the bank is putting the other 75 per cent in, then the investor would only get a partial deduction, of say half the interest expense. The lower the owner's investment in the property, the lower their interest deduction would be. Over time, as the investor reduces the amount owed through mortgage payments, they would be able to claim a higher proportion of the interest expense.

We already have precedents for this type of apportionment. Holiday home owners can only deduct some expenses to the extent that their property is actually rented out, shareholders in look through companies can only claim losses to the level of their real investment in the company, and thin capitalisation rules limit the interest deductions that can be claimed by companies owned by overseas investors.

One group of people could be negatively affected by this type of mechanism. Some people who own rental properties are "accidental investors", such as people relocating from one town to another who have been unable to sell their home. But these people could be allowed time to rearrange their affairs. A three-year exemption from the proportional deduction rule for houses that have been a family home should be sufficient to protect them.

A proportional deduction rule for interest has one further advantage. People who buy multiple rental properties often put their hands on their hearts, and swear that they're doing it for the long term income stream, not to make a capital gain through buying and selling. This proposal takes them at their word.

Dr Deborah Russell is a senior lecturer in taxation at Massey University.

Date: 15/05/2015

Type: Features

Categories: Home Page article; College of Business



Dr Mirjam Guesgen

Science of the lambs – do sheep have feelings?

German-born scientist Mirjam Guesgen lived in New Zealand for 15 years before she got anywhere near a sheep. Her PhD zoology research brought her closer than most ever get to the ubiquitous woolly ruminant, leading her to new understandings of pain expression and empathy.

Exploring the extent to which farm livestock experience pain and empathy might be contentious in a nation that depends on farming, slaughtering, devouring and exporting them for economic livelihood.

Dr Guesgen's interest in the topic was sparked by her curiosity about broader questions on the evolutionary role of pain expression, and whether animals respond to pain they witness in others of their species. Being social animals, sheep seemed an ideal species on which to focus.



The Lamb Grimace Scale is one of the results of her investigation, providing a visual guide to facial expressions that denote pain in sheep. They include ear, nose and mouth positions as well as cheek flatness. She has also found that lambs can empathise – they appear to imitate expressions of pain by flattening their ears and looking at their own tails when in the presence of other lambs being docked.

A meat-eater, this “city-slicker” who moved from Auckland's North Shore to Manawatu- for her project believes it is important to deepen our knowledge of animal behaviour – including their experience of pain – in the interests of animal welfare and a more humane farming industry.

Dr Guesgen learned how to dock lambs' tails for the three-phase experimental part of her study. Docking is a

regular procedure and provided a suitable basis for investigating aspects of animal behaviour that could contribute to improving pain management for the country's 31 million sheep, she says.

In New Zealand docking is done with either a constrictive rubber ring, which causes the tail to drop off, or cauterisation with a hot iron. The former method induces mild or moderate pain that lasts a few hours, while pain with the latter is much shorter but more intense. Guesgen and her volunteers opted for the rubber ring option to be able to record behaviour over time.

If the tail is left intact, faecal matter – or dags – builds up on the tail and hindquarters. This results in fly strike and wool maggots, which eat into the flesh causing greater pain and distress.

Her work also involved observing, filming, photographing and describing the behaviour of “actor” lambs (those undergoing docking), and “observer” lambs.

She compared reactions across various combinations to see whether pain expression and empathy varied according to the relationship between “actor” and “observer”, in terms of familiarity, relatedness, sex and whether the observer animal had experienced pain itself.

Her discovery that “observer” lambs experience empathy “at a primal level” by displaying what is known as socially facilitated behaviour when seeing its own kind express pain is a first.

Creating the Lamb Grimace Scale and working with leading animal welfare scientists, both at Massey and around the world, were her research highlights. “I learned so much from them and am so grateful for their expertise.

“Fifty years ago, people said animals can't feel pain,” says Dr Guesgen. “Things have come a long way since then, and the more we know about their emotional lives, the more we can do to minimise the impacts of what we do to them.”

Date: 15/05/2015

Type: Features

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture

INT. MOTEL. BEDROOM. 1979

A three-star motel room. bed asleep.

EVIE
The older you
plays tricks on

The young Evie's digital
am. She rolls over and her
eyes again.

EVIE
When you're young
There are just
time. Like snow

We see the minutes on her
matter of seconds: 7:01,

EVIE
It ducks away
you when you lie

The alarm sounds again. She
sits up slowly and notices
Mail cigarettes on the bed
in disgust - her mouth turns
over and sees a strange
balks.



A storyboard from Dr Matthew Harris' short film *Snooze Time*.

Script writer shares art of page-to-screen

Aspiring film scriptwriters will have a chance to hear how to get an idea off the page and onto the screen at a special seminar with scriptwriter Dr Matthew Harris.

Dr Harris, a tutor in the School of English and Media Studies at the Auckland campus, is presenting two of his short films in the first of the *Arts Out Loud* series on creativity this Wednesday (May 20).

Film buffs will be treated to screenings of his short films *Snooze Time* (2014), and *43,000 Feet* (2012), which premiered at New York's Tribeca Film Festival in 2012. It was selected from more than 2,800 submissions and competed with another 58 films from 25 countries.

Dr Harris will talk about the genesis of the ideas for the films, the writing and revision process of the scripts, and elements of the production that bear on the translation from the page to screen. He will also comment on the thematic link between the films: human perceptions of time.

"I'll be talking about where my ideas come from and how I got into writing. And also about the research that's part of the writing process," he says.

He has "always been fascinated by time and how people experience time."

Dr Harris' films have travelled the international festival circuit from Tribeca in New York to the Clermont-Ferrand Festival in France, accruing various awards and nominations. His short fiction and poetry has been published variously in New Zealand and abroad.



Dr Matthew Harris

His nine-minute film *43,000 Feet* is a mix of live action and animation with an interior monologue voiced by Peter Bryant to convey the thoughts of statistician John Wilkins as he falls to Earth. He calculates he has exactly three minutes and 48 seconds before impact, formulating a plan for hitting the ground and rehearsing what he will say to media on the off chance he survives.

“It's about the different kinds of time we experience, from the agonisingly slow (morning-after-time, microwave-time) to the truly chaotic – such as the contradictory-time of old age, when the days seem to crawl by but Christmas comes around faster each year.”

His latest short film *Madam Black*, about a glamour photographer who runs over a child's pet and is forced to fabricate a story about its disappearance, has been selected for the Dances with Films festival (May 28-June 7) in Hollywood. *Madam Black* begins its festival run on Saturday, 30 May at the Chinese Theatre in Los Angeles, competing for 'Best Short' in the Dances With Films festival.

He is currently working on a feature-length fictionalised documentary about the curious history of the Christmas carol *O Holy Night*, which was allegedly written by a professed atheist.

Dr Harris graduated with a PhD in New Zealand fiction at Massey's Auckland campus in 2012. Find out more about his work [here](#), and a blog on his films [here](#).

Arts Out Loud is co-ordinated by Dr Rand Hazou and Dr Jack Ross from the School of English and Media Studies, which is introducing a new major in Creative Writing in the Bachelor of Arts next year.

Event details:

'From page to screen' with Dr Matthew Harris: May 20, 12.30-1.30: Theatre Lab, Sir Neil Waters Building.

Date: 18/05/2015

Type: University News

Categories: College of Humanities & Social Sciences; Creative Arts; Uni News



Dr Luis Ortiz-Catedral (Photo credit Joshue Ortiz-Catedral)

Saving Darwin's mockingbird – New Zealand conservation expertise goes global

A Massey biologist is tasked with saving a species of bird that inspired Charles Darwin.

Growing up in Mexico, Dr Luis Ortiz-Catedral's childhood was spent outdoors, crawling under rocks to study the creatures beneath, and catching and taking home turtles, parrots and fish.

Now saving species has become the Massey biologist's life's work – and Ecuador's Galápagos islands the site of a career crusade – to save the critically endangered Floreana mockingbird.

It is known as “Darwin's Muse”, because of its pivotal role in the formation of English naturalist and geologist Charles Darwin's theory of natural selection.

During his HMS Beagle voyage in 1835, Darwin observed that the native mockingbird differed in



A Floreana mockingbird

appearance between the islands, inspiring the evolutionary theory in his *Origin of Species* book.

Once endemic to the Galápagos, there are now just a few hundred surviving.

Due to habitat modification, they've been isolated to two tiny islets off the mainland – Champion and Gardner, an area that represents less than one per cent of its original range.

The bird is relatively unknown even in its home country.

“Many people in the Galápagos have never heard of the Floreana mockingbird — they've never seen it. It is an amazing experience to connect with a very wide audience and get them on board,” Ortiz-Catedral says.

Working with the Ecuadorian Ministry of the Environment, Directorate of the Galápagos National Park, Durrell Wildlife Conservation Trust and University of Zurich scientists, the New Zealand-trained conservation biologist, is charged with halting the species decline, and helping it to become self-sustainable.

His first task was to spend time on the islets to learn more about the birds' numbers, genetic make-up, diet, the threats – such as rats, feral cats and dogs– and the geography of the area.

The team found between 300-400 birds on the two islets. “This makes them about as rare as the Black Robin or Takahe,” he says.

The populations are also not interbreeding, which means that each population has very low genetic diversity – making them more susceptible to diseases.

Another challenge is that the already-tiny islets are eroding, leaving the birds with even less space to flourish.

The next step is to conduct extensive lab work on feather and blood samples collected last year to analyse the current genetic diversity and health status of both populations. They will then work with policy-makers to translate the findings into practical conservation initiatives.

Ortiz-Catedral, from Massey's Institute of Natural and Mathematical Sciences, says the team will take genetic, translocation and predator control techniques developed in New Zealand in the 1970s, and apply them to the Galápagos setting.

It may include reconnecting the two islet's populations genetically by swapping eggs; transferring the birds to different locations; and trapping predators on the islets.

Developing education programmes is another priority, though early highpoints have been the popularity of a mural depicting the different species of mockingbird, including the Floreana, which is now a “selfie” spot for tourists and locals.

It also has a family connection for Ortiz-Catedral – his brother, Josue, painted it during his two-month volunteer stint on the islands.



Children learning about the mockingbird through the play "A very special island"



The mural in the township of Puerto Ayora depicting the four species of mockingbird

Another is a play – “A very special island” – put on by local school children about the lives of Floreana mockingbirds and the threats they face.

“It's great to see the next generation get excited about this very special bird. They're the ones who will be looking after it in the future,” Ortiz-Catedral says.

The native Spanish speaker has all the pre-requisites required for the project; his passion for biology, particularly birds, and several successful projects in New Zealand, where he increased numbers of the critically endangered red-fronted parakeet, orange-fronted parakeet and recently the Norfolk Islands' green parrot.

In July 2013 there were between 46-93 green parrots remaining and just 10 adult females – but working with national park ecologists and rangers, he helped develop a breeding programme. A total of 75 nesting sites were built and last winter just over 50 chicks had fledged – of which nearly half were female.

Meanwhile, Ortiz-Catedral is keen to return to the Galápagos islands in November. “The Galapagos Islands are like Mecca for a biologist. It's always an honour to go back there”.

He is confident that New Zealand's expertise can make a difference. “Getting New Zealanders involved is a no-brainer because island conservation is a recurrent theme here. We're the global experts.”

“We have the capacity to reshape global conservation for islands worldwide.”

Ortiz-Catedral's research on Floreana mockingbirds is funded by the Galápagos Conservation Trust, The Mohamed bin Zayed Species Conservation Trust, Massey University and Durrell Wildlife Conservation Trust.

Date: 18/05/2015

Type: Features

Categories: Home Page article; Auckland; College of Sciences; Enviromental issues; Feature; International; Mag-Features



How important is scoring the first goal in football, or being the first mover in business?

What business can learn from football

By Professor Christoph Schumacher and Nigel Espie

The Under 20 FIFA World Cup is coming to New Zealand this week. Kiwis will be among some 170 million viewers who are expected to tune in, offering our nation a small reprieve from football's oval-ball counterpart. But the event not only gives New Zealanders the chance to admire the football masterclass on display, but also the opportunity to garner some valuable business insights.

Economists often use sports as a testing ground for business ideas. In many ways sporting competitions are a condensed version of business: highly competitive and skilled people competing for big money. So it is not surprising that football and business have striking parallels that can be better understood through the rich vein of data the sport provides. This short series looks at what businesses can learn from the beautiful game.

Part 1: Scoring first and responding to change

Unlike basketball or rugby, football is a comparatively low scoring game. While Germany's 7-1 victory over Brazil in last year's FIFA World Cup may make you question this, data collected from professional football matches suggests that the average number of goals scored per match is usually in the range 2.6 to 2.9.

If you look at the previous ten Under 20 FIFA World Cups, this is indeed the case. In total, 1420 goals were scored across 500 matches, so the average number of goals scored per match was 2.8. The low-scoring nature of football matches means that it is crucial for teams to get ahead in the game by scoring first. But how important is this advantage? Specifically, what is the likelihood that the team that scores first goes on to win the game?

The importance of scoring first is not unique to football or even sport in general. In many types of business there are benefits that come with being the first to develop a new product, enter a new market, or approach a new client.

This importance was highlighted by the character John Tuld in the film *Margin Call*: "There are three ways to make a living in this business: be first, be smarter, or cheat. I don't cheat. And although I like to think we have some pretty smart people here in this room, it sure is a hell of a lot easier to just be first."

Examples of companies that have benefited from 'scoring' first are plentiful. Being first into the smartphone market has seen Apple develop a cult-like following, while Coca-Cola has grown to dominate the soft drink market after it was the first commercial producer of cola in 1886.

There are a couple of explanations to explain why the first-mover advantage exists in business. The economic perspective suggests that the presence of an initial firm in a market creates barriers to entry for subsequent entrants. Meanwhile, behavioural perspectives argue that the first firm in a market can cement itself as the esteemed 'original' product in the minds of consumers.

But let's get back to our football match. If you think that scoring first matters more in a low-scoring match than in a high-scoring match, you would be right. History tells us to expect 2.8 goals in an Under 20 FIFA World Cup match, but it does make a difference if the first goal is scored early in the first half rather than late in the second half.

If you look at the large amount of data available on Under 20 FIFA matches, you will see that if the initial goal is scored in the first half, the expected number of goals scored increases to 3.3. If both teams are scoreless after the first half, the expected number of goals is 2.4. So, as a game unfolds, you need to adjust your expectations of the total number of goals scored.

Businesses also need to adjust their expectations and respond to rapid changes. Books like *Innovate or Die* capture the harsh reality that markets and industries are constantly changing, and that companies need to change with the times if they want to survive.

This is illustrated by the composition of any stock market index. Compare today's companies to those listed in the index 30 years ago and you will find that the majority of companies are different. Take the Dow Jones Industrial Average as an example – only one-third of the companies that were on the index in 1985 are still there today.

The changing nature of business means companies need to be fluid in their thinking and update their expectations as new information arises. Just as you would update your expectations for the number of goals that will be scored as a football match unfolds, companies need to constantly update their performance expectations as things change in their operating environment.

This might include revising growth targets with the arrival of new competitors or as changes in consumer preferences alter the size of your market. It might even mean reassessing the prospects for your industry in the face of disruptive technological advancements.

McDonald's is one company that is presently at the crossroads of a swiftly changing industry. With stern competition from the likes of Subway, Taco Bell and Carl's Jr and evolving consumer preferences, McDonald's is currently implementing changes so that its business is consistent with its new understanding of the fast food industry.

To finish our football analogy, let's see just how important it is for a team to score first. Our analysis suggests it is immensely important. Results from the previous four Under 20 FIFA World Cups show that the team that scored first has won, on average, 71.73% of the time.

Heading into the upcoming Under 20 FIFA competition in New Zealand, the best estimate is that the first scoring team will win about two-thirds of the time. But as the match unfolds and the expectations surrounding the total number of goals updates, then the probability of the first scoring team also winning the game will change accordingly.

The lesson for businesses is simple – being first offers significant advantages. While you can't infer that the probability of winning in business will be the same as for a football match, countless examples suggest that the first mover advantage can be very valuable. If you couple being first with fluid thinking and constantly updating your beliefs, you can create a market position that is the envy of the competition.

Christoph Schumacher is a Professor in Economics and Innovation and Nigel Espie is a Masters student at Massey University.

***Further installments in this series will be posted in subsequent weeks.*

Date: 20/05/2015

Type: Features

Categories: College of Business; School of Economics and Finance



Professor Steve Stannard (right) with student and elite track cyclist Gemma Payne.

New mobile exercise lab launched

One of Massey University's newest science laboratories will not be staying on the campus for very long – that is because this laboratory is a 2.5 metre by 7 metre long trailer designed to bring the learning experience to distance students and elite athletes all over the country.

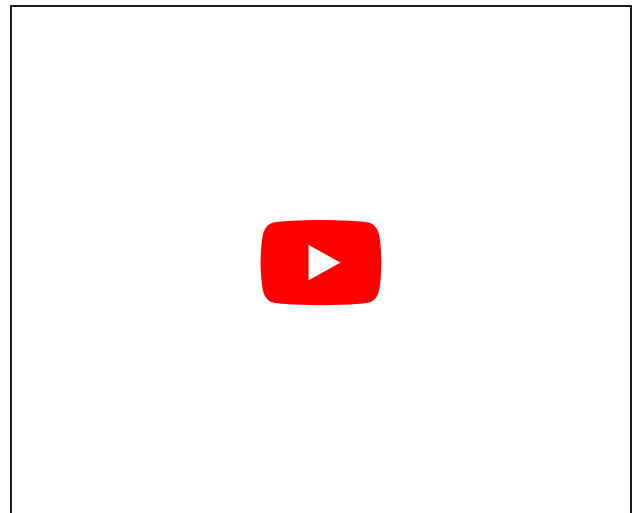
The Massey University School of Sport and Exercise Science's 'Human Engine Room' was unveiled today in a battle of fitness on the Manawatū campus concourse. Students were given the opportunity to test the mobile lab, and themselves, by jumping on an electronically-braked exercise bike and getting a measure of their VO₂ max – the maximum amount of oxygen an athlete can use.

Along with the exercise bike, the lab possesses the ability to house a treadmill and gas analysis equipment – allowing oxygen uptake and carbon dioxide production to be measured to calculate energy consumption or food utilization during exercise.

It is operated by two lab technicians who are trained sport scientists. The lab is powered by its own generator or can be connected to the grid.

Professor Steve Stannard, who initiated the project, said the idea is to bring the teaching laboratory to students.

"The idea came from a couple of students who were elite athletes but couldn't finish their degree in sport and exercise science because they couldn't do the practical component of the papers. We wanted to make it



possible for them. That idea grew and now we can bring the lab to the people so to speak.”

Vice-Chancellor Steve Maharey said the Human Engine Room is a great addition to Massey University's distance learning strategy. “What we try to do as a university is be the leading edge of research and teaching” he said. “High performance athletes are increasingly attracted to the university not only because we allow them to perform at the level they are at but also because they know they'll get a quality qualification.”

“Sport and exercise is going to be a major area that will continue developing in the university. Particularly because, in a country like new Zealand, sport is so central to the way we think about ourselves.”

The Human Engine Room is an initiative of the School of Sport and Exercise Science with funding from the Massey University Strategic Innovation Fund – a grant designed to enable new educational technology initiatives.

Date: 20/05/2015

Type: Research

Categories: Home Page article; Academy of Sport; Applied Learning; College of Health; Explore - HEALTH; Extramural; Institute of Sport and Rugby; National; School of Sport, Exercise and Nutrition; Sport and recreation; Teaching; Video Multimedia



Cameron Houston, winner of the Dreamfields Farm Agricultural Scholarship

Massey presents half a million dollars in ag-hort scholarships

Massey University last night presented more than \$500,000 worth of scholarships to 114 existing and prospective agriculture students.

The university, top-ranked in New Zealand for agriculture and 33rd in the latest world rankings, has handed out agriculture and horticulture scholarships to undergraduate and postgraduate students for more than 20 years.

Among them are Cameron Houston and Benjamin Howard, winners of the two newest awards, the Dreamfields Farm Agricultural Scholarship and the Farmax Scholarship, together worth \$6,000 a year.



Benjamin Howard (left) being presented the Farmax Scholarship by Farmax General Manager Gavin McEwen.

The Dreamfields scholarship is to encourage students from Bay of Plenty secondary schools to study agriculture. It was set up with the help of Bruce and Judy Woods from Dreamfields Farm at Otakiri, near Whakatane. The couple were winners of last year's Massey Innovation Award at the Ballance Farm Environment Awards.

Mr Houston, a second-year Bachelor of Science student who came to Massey from Whakatane High School, says agriculture – his major – combines his love for the outdoors and working with animals and the

environment. He hopes to use the knowledge gained from his degree to create efficient, environmentally friendly dairy farms in his Whakatane district.

"There are a range of career options and I'd love to explore them all to have a well-rounded view of agriculture," he says. "This includes maybe heading a field of research, working as a farm consultant or working in land management and preservation."

He sees the future of dairying revolving around sustainable practices. "We need to be able to conserve our fresh water sources and this issue will continue to be important – that's why I'm also minoring in environmental science."

Mr Howard is completing a Bachelor of AgriScience with Honours with the help of the Farmax Scholarship, established by the Waikato-based technology company developed by AgResearch to support farming.

His honours research involves developing a system that allows farmers to predict the amount of metabolisable energy in pasture so they can create suitable feed budgets and regimes.

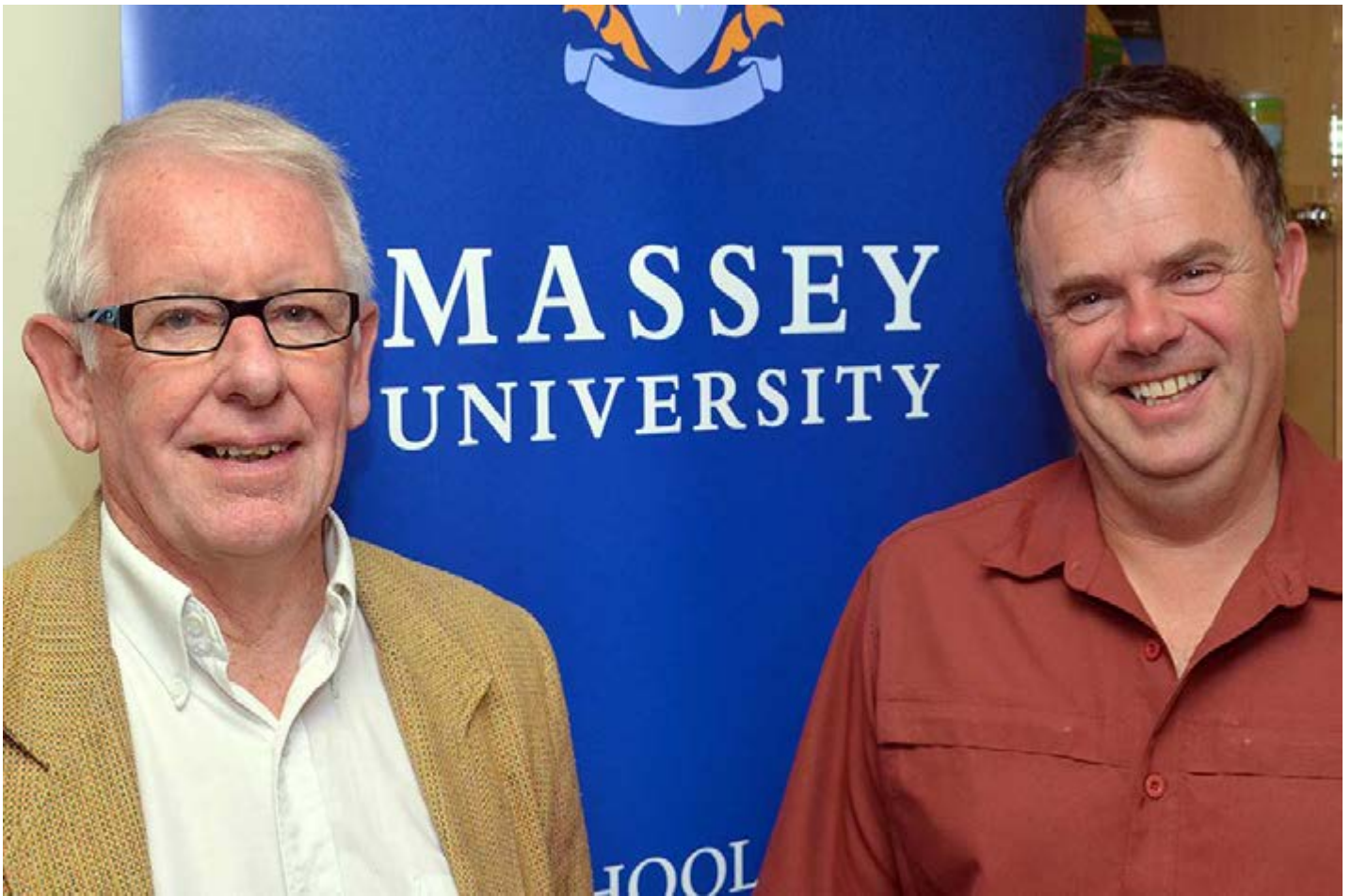
He says he needs to measure the loss in sugar from the time of harvest to the time of analysis. The inspiration for his research came from growing up on his parent's dairy farm in Whakatane. "I have always been curious about how things work and how we can refine aspects of a system to sustainably optimise production."

He says Massey University was an obvious choice for study. "I wanted to learn the latest information from the best people."

Date: 20/05/2015

Type: Awards and Appointments

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Horticulture; Innovation; Palmerston North; Scholarships



Caption: Associate Professor Jim Tully (left) from the School of Communication, Journalism and Marketing at Massey University with head of journalism Associate Professor Grant Hannis.

Campbell Live a casualty of commercial TV reality

Journalism commentator and educator Associate Professor Jim Tully says MediaWorks' changes to TV3's current affairs slot at 7pm suggests New Zealand's two main networks have opted out of providing serious prime time current affairs.

Mr Tully, who is Researcher in Residence at Massey's University's School of Communication, Journalism and Marketing, called the demise of Campbell Live "a sad day for those who value an intelligent discussion of news and current affairs at peak time."

Unfortunately, the programme was a casualty of the commercial realities of a television network, he says. "The ratings had to be consistently higher for Campbell Live to be sustainable. MediaWorks clearly wants a format that produces a bigger audience as a lead into its peak time programmes, which are clearly going to be reality shows."

Mr Tully, who is also an Adjunct Associate Professor at the University of Canterbury, says at least one outlet remained on weeknight television for viewers to gain informed insight into the issues behind the daily news.

"Thankfully, Native Affairs on Maori Television will continue to offer serious current affairs, but it is extremely disappointing that the two national networks - TVNZ and TV3 - have opted out."

Date: 21/05/2015

Type: University News

Categories: Home Page article; College of Business; Feature; National; Wellington



Members of the Recruitment Roadshow team in front of Manawatū College, from left: Jessica-Maraea Mako-Andersen, Aurora Akauola, Kemp Reweti, Luther Davis, Tawhai Hokianga Wikaire, Atlanta Stewart, Jayden Ratana-Hartley, Adrian Joseph Whareaitu, Kumeroa Papuni-Tuhaka, Reihana Adlam and Te Ngaورا Kerehoma-Hoerara.

Massey Māori students inspire school pupils with their stories

Māori student recruitment adviser Kemp Reweti has created a new programme called The Recruitment Roadshow – Our Stories to raise the profile of Massey University Māori students and inspire school pupils to consider university study.

Co-constructed with Manawatahi, the University's Māori students' association, the initiative gives 10 students a platform to share their stories with Māori secondary school pupils in the Manawatū-Horowhenua region.

“Massey's strength lies in the incredible stories of its students and the overwhelming challenges and difficulties they have overcome and are overcoming,” Mr Reweti says. “I wanted to make sure that our Māori students diverse stories could be carried off campus and delivered directly to the audiences that need to hear them.”



Members of the team with pupils in the Manawatū College hall.

“Most of the group had never had the chance to share their schooling backgrounds, the reasons why they were at Massey and what had led them into tertiary study. I wanted to make sure the high schoolers could

see the diversity of backgrounds that Māori students have here, the diversity of their study pathways and the passion and goals our Māori students have fostered."

Manawatahi president Aurora Akauola praised the initiative. "It was heartening to meet with senior Māori students and share with them my journey about how it was for me at school and what influences helped me get into university, as well as what my goals are for the future."

The recruitment roadshow visits three schools this year, with an aim to engage with six schools next year. After two school visits, the feedback from the initiative has been extremely positive, Mr Reweti says.

Feilding High School Maori Department head Whaea Lee Martin said: "Our students were particularly impressed with the stories from the taura and the fact that they could relate to them.

Luther Davis, formerly of Patea Area School and now studying for a Bachelor of Māori Visual Arts, jumped at the chance to be part of the roadshow. "Life in Patea is tough," she said. "There's huge challenges. My message to these students was to follow their passion, and never give up. I wanted them to know that their influence will hugely affect their whānau so to make sure it's a positive one."

The roadshow also saw Reihana Adlam, former head boy of Manawatu College in Foxton, return to his school and share his experiences and insights. "I'm passionate about finance and economics and I wanted to inspire students at my old school to show them that the possibilities for them within tertiary are limitless."

The roadshow has one final school to visit this year, Horowhenua College in Levin. Mr Reweti will then collate the feedback and look at ways to improve the programme for next year.

"Coordinating our students can be a challenge, as they are extremely busy, but seeing the real connections occur between them and the high school students makes it all worth it," he says.

Date: 21/05/2015

Type: Marketing

Categories: Uni News



Distinguished Professor Paul Spoonley is heading the latest New Zealand Forum in Hawke's Bay next week.

‘Muscular regionalism’ tipped for Hawke's Bay's future

Demographic transformation is having a major impact on New Zealand's regions – including Hawke's Bay – and could be the basis for building a new form of “muscular regionalism”, says a Massey University researcher.

Distinguished Professor Paul Spoonley, a sociologist and media commentator on population, migration and employment issues, will be joined by colleagues as well as local business, community and youth leaders at the *New Zealand Forum* in Hastings next Monday.

Professor Spoonley will share findings from his recent research on demographic changes for New Zealand regions. These include the effects of an increase in the aging population, and what options these changes might offer for economic and social development.

Growing the “silver” economy to meet the needs of the increasing ageing population is a key priority, he says. So is forging more collaboration between business, and education and training providers to ensure school leavers and job seekers have the relevant skills and knowledge, he adds.

While the proportion of people aged 65-plus will double to 20 per cent of the population over the next decade in Hawke's Bay, the relative size of the younger cohort will decrease.

This trend is further emphasised by the departure from Hawke's Bay of late teens and those aged 20-39 years as they seek higher education or employment elsewhere, says Professor Spoonley.

Migration – another factor – is critical, partly to supplement population stagnation and aging, and partly to recruit skills, he adds.

“The key point is that Hawke's Bay is facing a very different future because of the demographic changes that are underway.”

He says the key to creating what he terms “muscular regionalism” and coming up with workable solutions is “to understand how important these changes are – for service provision, for employment and as underpinning economic growth”.

Dramatic though these changes appear, there are positive outlooks and options. “Why not address the issues with innovative options? Immigration policy settings address national needs but why shouldn't Hawke's Bay develop a more pro-active – even aggressive – approach to attracting immigrants?”

Associate Professor Richard Shaw, head of the Politics Programme in Massey's School of People, Environment and Planning, will discuss how the region might respond to the regional challenges resulting from demographic changes.

“One place we can go is the OECD which, following the global financial crisis has done extensive research trying to understand what works – and what doesn't – in attempts beef up regional economies.”

He says human capital is central. “Specifically, reducing the proportion of people with low skills seems to matter more than increasing the number with very high skills.”

But population density is not necessarily strongly associated with higher growth, he adds. “Simply putting large numbers of people in close proximity won't solve the problem.”

Another strategy to enhancing economic growth is to redesign political institutions and governance arrangements. “This can have a major bearing on success,” Dr Shaw says. “Many cities and regions are still trying to use 19th century local boundaries and 20th century forms of government to shape and develop a 21st century global economy.”

The forum will be introduced by Vice-Chancellor Steve Maharey and will conclude with a panel discussion on the research findings. Participants include Mayor Lawrence Yule (Hastings District Council and Local Government New Zealand President); Andrew Austin (Editor, Hawke's Bay Today); Craig Foss (National Member of Parliament for Tukituki); Stuart Nash (Labour Member of Parliament for Napier); Meka Whaitiri (Labour Member of Parliament for Ikaroa-Rāwhiti) and Max Cooper, School Leader, Havelock North High School.

Mr Maharey, Professor Spoonley and Dr Shaw will host the next New Zealand Forum in New Plymouth on July 30.

Date: 21/05/2015

Type: University News

Categories: College of Humanities & Social Sciences; Explore - Planning; Uni News

Vacancies on Manawatu Emergency Management Team

Vacancies have arisen on the Manawātū campus Emergency Management Team as a result of staff changes.

Significant work has gone into developing the campus emergency management response over the past year.

Work has included identifying the White House as the Emergency Operations Centre, updating emergency flip charts, creating emergency response plans and procedures and developing the Emergency Management Team.

The team is made up of a wide variety of staff with a range of skills who are assigned roles related to intelligence, planning, operations, logistics, communications and welfare.

The team may be convened during level two or level three emergency events for the purpose of prioritising the campus response and resources, attaining extra resourcing and liaising with key stakeholders.

Expressions of interest are sought from staff who believe that they have the requisite skills – or are interested in learning them – to contribute to this team.

Potential members must have the support of their line manager and be available to attend training on up to seven days in the first year and of approximately four days in subsequent years.

If this sounds like you, please submit your expression of interest by emailing L.Skinner@massey.ac.nz

More information on Massey emergency management is available [here](#).

Date: 22/05/2015

Type: Internal Communication

Categories: Any



Documentary photographer Ans Westra acknowledges the applause of the audience at the Michael Fowler Centre after receiving her honorary doctorate from Chancellor Chris Kelly.

Honorary doctorate for documentary photographer

Celebrated New Zealand photographer Ans Westra received an honorary doctorate from Massey University on Thursday in recognition of her long-standing contribution to the country's visual culture through her documentary photography.

For more than 50 years Ms Westra, who immigrated to New Zealand from the Netherlands in 1957, has stamped her mark on the country's photographic scene. She is widely recognised as having produced one of the most comprehensive records of Māori over a half century characterised by significant political and cultural change.

In addition, Ms Westra has been a tireless recorder of the country's changing landscape in the face of growing urbanisation and threats arising from industrial practices.

Her work is held in all major public collections and there have been extensive exhibitions and publications dedicated to her.

She was conferred with a Doctor of Fine Arts during graduation ceremonies in Wellington at the Michael Fowler Centre.

"Receiving an Honorary Doctorate in Fine Arts is a recognition of the artistic merit of my life's work in photography," Ms Westra says. It is especially satisfying to me personally because of the part my documentary work has played in defining who we are as New Zealanders."

College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson says Ms Westra's work is of particular relevance to the College, as the provider of New Zealand's leading photography tertiary education, with a commitment to supporting excellence in the expanded field of documentary photography.

“Ans Westra's work is a central touchstone to the curriculum,” Professor Robinson says.

“Ans is one of New Zealand's finest, and most well-known social and documentary photographers and Massey University would be the first tertiary provider to recognise and celebrate her achievements.”

Among her numerous awards, Ms Westra has received a Certificate of Excellence from New York's World's Fair for the World and its People in 1964-65, she was awarded the Companion of the Order of New Zealand Merit (CNZM) in 1998 and in 2007 was the recipient of an Arts Foundation Icon Award.

To celebrate her latest honour, an exhibition of Ans Westra's work in black and white images from 1963 to 1998 will be displayed at Suite Gallery, 241 Cuba St, Te Aro, Wellington from June 9 to July 4.

Date: 25/05/2015

Type: Awards and Appointments

Categories: Home Page article; Feature



Weather permitting, graduates will parade from Parliament to Wellington's Civic Square on Thursday to mark their graduation from Massey University

Wellington celebrations to mark graduation week

Renowned documentary photographer Ans Westra will be among the more than 670 graduates to have a degree conferred by Massey University at its graduation ceremonies in Wellington on Thursday.

She will be awarded an honorary doctorate as a Doctor of Fine Arts at the Michael Fowler Centre in the first of two graduation ceremonies.

Another 17 graduates will have PhD doctorate degrees conferred by Chancellor Chris Kelly.

Comedian, broadcaster and Massey alumnus Jeremy Corbett will address graduates, their family and friends at the afternoon ceremony for the Massey School of Business, College of Health, College of Humanities and Social Sciences and College of Sciences. Co-owner of Wishbone Design Studio Jennifer McIver is guest speaker for the morning ceremony of graduates from the College of Creative Arts, the New Zealand School of Music and Professional and Continuing Education.

Another recent graduate singer, songwriter Lizzie Marvally, who was capped with a Bachelor of Arts at the Massey Auckland campus graduation last month, will be performing at each of the Wellington ceremonies.

In total, 672 graduates, including numerous staff, will have degrees conferred.

Māori and Pasifika graduates will also be honoured at separate ceremonies on Friday.

Below are research outlines for some of the PhD doctorates:

Norman Meehan: Examined historically significant jazz musicians and the forms their practice took. His conclusions called into question more traditional models of jazz history and criticism, while acknowledging the music's collective nature, which have tended to emphasise the roles of individuals as primary in jazz. His research suggested that creativity is best achieved in group contexts.

Patricia Thomas: Explored how emigration agencies in the 1800s used typographic advertising posters to attract and engage prospective emigrants to New Zealand.

Jessica McIvor: Investigated the most effective methods for making needle injections less stressful for chronically ill children.

Rosemary Gibson: Researched the effects of people living in their home with a dementia patient. It involved a five-week trial comprising sleep education, light therapy and an exercise programme for people with dementia and their family carers.

Bronwyn Sweeney: Investigated changes in sleep and mood during pregnancy, and after birth, in a group of 316 Maori and 635 non-Māori women. Sleep quality was lowest and sleep quality and mood were poorest in late pregnancy and by three months after birth had not returned to usual levels. Minor postnatal depression symptoms were reported by 16 per cent of women and eight per cent reported major postnatal depression symptoms. Both sleep quality and quantity were related to postnatal depression, especially when the magnitude of sleep changes was large, or when sleep continued to decline after birth. A sleep-education intervention was trialled in a separate group of 40 mothers. Intervention group mothers experienced a greater increase in postnatal sleep and reported more confidence to manage their infants' sleep compared to the control group.

Robyn Tuohy: Researched disaster preparedness from the perspective of independent older adults. She found that older adults considered disaster preparedness to be a personal responsibility. Older adults also associated preparedness with managing age related decline, which was fundamental to maintaining their ability to remain independent in the community.

Date: 25/05/2015

Type: Graduation

Categories: Home Page article; Feature; Graduation (Wellington); Wellington



Mr Ben Taufua (right) with the Governor-General Sir Jerry Mateparae.

New Year Honours for Massey staff awarded

Three Massey University staff members named in the New Year's Honours were awarded their insignia by Governor-General Sir Jerry Mateparae at investitures in Auckland and Wellington this month.

Associate Professor Kathryn Stowell was made an Officer of the New Zealand Order of Merit (ONZM) for services to the field of biomedical sciences at Government House, Wellington, on May 21.

Associate Professor Stowell completed her doctorate at Massey University before becoming a lecturer and then associate professor. Her work involves identifying and sequencing genetic variants for malignant hyperthermia.

World-leading sports psychologist and Massey Professor Emeritus Gary Hermansson, was made an Officer of the New Zealand Order of Merit (ONZM) for services to the field of sports psychology at Government House, Wellington, on Wednesday May 20.

Professor Hermansson completed a Diploma of Education, Master of Arts and Doctorate at Massey University. He then became a Professor as well as the director of Sport Sciences. Professor Hermansson has worked with a number of large institutions as well as three Olympic and three Commonwealth Games teams and has been the team psychologist for the Black Caps cricketers.



Associate Professor Kathryn Stowell

Mr Ben Taufua was made a Member of the New Zealand Order of Merit for services to the Pacific Community in Auckland on Wednesday May 6.

Mr Taufua is the Project Manager for Pasifika at Massey University. He has been instrumental in creating scholarships for Pasifika people to train in disaster management – a subject of personal significance to him after losing relatives in the tsunami which struck Samoa in September 2009.

Date: 25/05/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Sciences; Pasifika



Professor Emeritus Gary Hermansson



Distinguished Professor Paul Rainey

Rainey elected to European biology organisation

Distinguished Professor Paul Rainey is the first New Zealander to be elected as an associate member of the European Molecular Biology Organisation.

The organisation has more than 1700 of the top life science researchers from Europe and around the world, including 79 nobel laureates. One hundred and forty members are associate members.

Election to the organisation is recognition of research excellence and outstanding achievements made by a life scientist.

Professor Rainey is part of Massey University's New Zealand Institute for Advanced Study. Based at the Auckland campus, it comprises a community of internationally recognised researchers whose expertise spans a broad spectrum of fundamental sciences.

Established in 2007, it has grown rapidly to become New Zealand's premier place for research excellence. Among the faculty is Distinguished Professor Peter Schwerdtfeger, last year's recipient of New Zealand's most prestigious science prize, the Rutherford Medal.

Institute director Distinguished Professor Gaven Martin says the institute is exceptionally proud of Professor Rainey's achievement and the recognition given to him by the organisation. "Election highlights the importance of investing in fundamental research as a platform to build the world's knowledge base," Professor Martin says. "Applications of this knowledge have been instrumental in understanding applied problems such as the kiwifruit pathogen PSA."

Professor Rainey heads The Rainey Lab within the institute that researches evolutionary process using populations of microbes whose evolution is tracked in real time. Research ranges from the evolution of virulence in bacterial pathogens, to the evolution of cooperation and the evolutionary transition from single cells to multicellular life. From this research have come numerous high-profile publications that have significantly advanced fundamental knowledge in the field of biology.

He says he is delighted and honoured to be elected and credits that to the work of his team. "Election is as much an acknowledgement of the commitment and innovation of those members of my team – past and present – who have given so much of their own energy, creativity and vitality to the research programme, as it is a personal achievement."

Date: 25/05/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Sciences



Vice-Chancellor Steve Maharey with award winners from the Bachelor of Resource and Environmental Planning programme Tianxi (John) Yin, Lauren Clews and Kerry Wynne, and Associate Professor Christine Cheyne, head of the Planning Programme.

Humanities and social sciences scholars awarded

Keeping an open mind is essential to success in study and life, says Bachelor of Resource and Environmental Planning graduate Tianxi (John) Yin who has been awarded an Outstanding Achiever's Award from the College of Humanities and Social Sciences.

It is the fourth consecutive year he has received the award. With other recipients, he attended a Manawatū campus award ceremony this month. Ceremonies for the College's top performing students at the Auckland and Wellington campuses were also held recently.

Mr Yin is one of 70 top scholars enrolled in undergraduate degrees in the College across three campuses and by distance.

Students need a Grade Point Average of 8 (an A–A+ average) to meet the award criteria. Several award recipients had Grade Point Averages of 9.



Students and staff at the Auckland campus awards ceremony

Vice-Chancellor Steve Maharey addressed the award-winners, saying the college was committed to encouraging its students to “have an impact in the world”.

The culture of the college was evolving to ensure its graduates were prepared to meet the opportunities and challenges of a rapidly changing world through “what we teach and how we teach”, he said. As well as being prepared to embrace on-going and rapid digital and demographic transformations, it was imperative students are equipped to be able to adapt to the changing nature of work in the 21st century.



Wellington campus awardees

Distinguished Professor Paul Spoonley, Pro Vice-Chancellor of the College of Humanities and Social Sciences, said the college was keen to recognise its top achievers and to highlight the contribution of the humanities and social sciences in society.

“We need people who can understand, contribute and lead the way in this new and changing world we live in, as well as thinking critically about how we should live and help one another in our communities,” he said.

Mr Yin, who also graduated last week with First Class Honours in a Bachelor of Resource and Environmental Planning, spoke to the audience of students, staff, families and friends about his study journey at Massey. He said he had learned to be both “humble and confident” as a result of his studies.

He'd also discovered how diverse the world is, and the importance of keeping an open mind. He added that success should be measured not just by accomplishments but also “by what you give back to society”.

Kirsti Trainor, a student in the Māori Immersion programme Te Aho Tātaurangi, also spoke at the Manawatū ceremony, mentioning the challenges of adjusting and balancing life as a mature student with family.

Dr Ute Walker, Director of Teaching and Learning for the College, says it was wonderful to see learning, teaching and research being recognised in an awards ceremony. “It's this passion for teaching and research that inspires students,” she told the audience.

Thanking family members who had travelled from as far as the East Coast and Dunedin for the occasion, she said the connection between learner, educator and whānau could not be separated.

Distance students Nicola Kaatz and Rachel Krause – both third time recipients – were unable to attend but Ms Kaatz spoke via pre-recorded video clip at the Manawatū and Albany ceremonies. Ms Kaatz lives and works in Germany at the Institute for Regional Economics in Hannover, Germany working on several projects in the fields of industry analysis, rural development, economic development as well as on housing development and demand projections. Ms Krause lives in England and is studying psychology.

Of those awarded this year, 10 received awards for the second time; seven for the third time; and two for the fourth time in the four years the awards have been running.

Staff recipients of the College's Teaching Excellence Awards were also recognized:

Team Awards:

Dr Jayne Jackson (Institute of Education)

Dr Wendy Holley-Boen (Institute of Education)

Associate Professor Mandia Mentis (Institute of Education)

Individual Awards:

Dr Trisia Farrelly (School of People, Environment and Planning)

Dr Nick Holm (School of English and Media Studies)

Special Commendations for the constructive use of MOST (Massey Online Survey Tool):

Dr Joanne Taylor (School of Psychology)

Dr Leigh Coombes (School of Psychology)

Dr Angela McNaught (School of Psychology)

Dr Darryn Joseph (Te Pūtahi ā Toi/School of Māori Art, Knowledge & Education)

Professor Howard Lee (Institute of Education)

Dr Jenny Poskitt (Institute of Education)

Dr Tatiana Tairi (School of Psychology)

Mrs Emily Jones (Institute of Education)

Research Awards:

Associated Professor Ann Dupuis (School of People, Environment and Planning) - Albany

Professor Mike Roche (School of People, Environment and Planning) – Manawatū

Dr Emma Hudson-Doyle (School of Psychology – Postdoctoral Fellow) Wellington

Captions: (middle) Distinguished Professor Paul Spoonley with students and staff at the Auckland campus awards ceremony; and (below); Wellington campus awardees Blair Kemp, Dr Tatiana Tairi (School of Psychology recipient of a Special Commendation for Teaching Excellence Awards), Jessica Bannister and Rochelle Ferguson.

Date: 26/05/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Humanities & Social Sciences; Explore - Planning; School of Humanities; School of Psychology



Tatau, illustrator and graphic artist Bryan Visala, centre is congratuated by Chancellor Chris Kelly and Wellington campus registrar Deanna Riach at the Pasifika graduation ceremony on Friday.

It's a rap for graduate Pasifika artist

When Bachelor of Design graduate Bryan Visala was capped with his degree last week it seemed seem like a world away from when he first enrolled in the visual communication design programme.

The demands of daily life prevented the Pasifika tatau (tattoo), illustrator graphic artist and rap music exponent from completing his study a decade ago. Life intervened again last year when he returned to complete his final paper; his daughter was born in his first week back at university.

“I became a first-time father just when I decided to go back and finish the degree but this time round I felt I had more reason and the maturity to complete it.”

Mr Visala was among 670 graduates from Massey University's Wellington campus who graduated at the Michael Fowler Centre on Thursday. He was also part of a separate ceremony on campus for graduates of Pacific Island descent on Friday.

Mr Visala is part of the art and design collective Taupou Tatau that specialises in tattoo, barbershop, art clothing and graphic design disciplines. In 2013 the collective received Massey University's Pasifika residency at the College of Creative Arts.

There he ran workshops for students based around his talent for illustration, using everything from pens to aerosol cans to create distinctive artworks. In addition, he became known for his storytelling via his work as an emcee and reputation as a freestyle rap champion.

The residency brought Mr Visala back into contact with some of his tutors from the early 2000s. They, along with his partner Renee, convinced him to return and complete his studies.

He did, but noticed a lot that was different from studying first time round.

“The technological changes was one of the big differences, with a lot more work being carried out on computer than previously and even the different ways students can communicate with lecturers now via social media too,” he says.

“Balancing the time to study with learning to be a Dad meant I needed the support of my family and partner, so I'm really glad I completed the degree.”

He sees it as something to perhaps inspire his daughter to emulate in future years.

She will be among family present when her father crosses the stage for a second time on Friday for the ceremony for Pasifika graduates being held in the Tea Garden of the Museum building, Buckle St, Wellington.

Mr Visala's father hails from Gatavai, Savaii in Samoa and his mother is originally from Stratford in Taranaki. He credits them both for their support and encouraging his creative expression through his Pasifika heritage via tatau and music.

Date: 27/05/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Feature; Graduation (Wellington); Pasifika; Wellington



Shortland Street character Wendy Cooper on the Auckland campus

Shortland Street films at Massey University

Massey University's Auckland campus was the perfect venue for filming scenes for this week's Shortland Street television programme, screening on May 25 and 26.

Featuring characters Wendy Cooper (Jacqueline Nairn), Kane Jenkins (KJ Apa), Jack Hannah (Reuben Milner) and Jimmy Issac (Joel Tobeck), the storyline follows Wendy Cooper's interest in further study.

Filming for the episode took place back in mid-March, with the Shortland Street film crew dodging Auckland's unpredictable weather to capture all the scenes, using Massey University students as extras.

Massey University's video intern Anna Beaton tagged along and was able to capture "behind the scenes" footage for this video:

Shortland Street on Campus | Massey Uni...



Date: 27/05/2015

Type: Features

Categories: Home Page article; Alumni; Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Creative Arts; Exhibition/Show; Feature; Music and campus life; National; Uni News; Video Multimedia



Past agrifood crises have shown coordination gaps, says Dr Chris Galloway.

Agrifood sector needs rapid response group

The agrifood sector needs to establish a rapid-response crisis management group to protect the reputation of New Zealand's food products, says a communication expert from Massey University.

Dr Chris Galloway says the agrifood sector is “worth literally billions of dollars to the New Zealand economy” and the best way to minimise the impact of the next crisis is with a rapid and coordinated response between industry and government.

“In a situation like the Fonterra botulism scare you really need coordinated messaging and responses to avoid confusion and to show that you are on top of the situation,” Dr Galloway says.

“Agrifood – and New Zealand's reputation for quality and safety – is too important to the wider economy for government to take a hands-off approach. Our reputation allows us to charge a premium in overseas markets, such as China. If that reputation is damaged it has a direct dollar consequence – and not just on the individual companies concerned.”

Dr Galloway says industry and government agencies like the Ministry of Primary Industries (MPI) do a good job, but past crises have shown coordination gaps in terms of messaging and the timing of announcements. He says the first step is to identify key stakeholders and do joint scenario planning.

“One of the things that really speeds things up in a crisis is pre-authorising people to make certain decisions without having to go up the organisational food chain. If you have a crisis management group that has run some scenarios and can agree on a response, they will deal with a live contamination threat much more efficiently – and that can really minimise reputational damage.”



Dr Chris Galloway.

Dr Galloway discussed his ideas at the Big Issues in Business seminar, hosted by the Massey Business School. The event's theme was 'Safe food, safe business'.

Dr Galloway also believes a rapid-response team that meets regularly could share market intelligence about potential threats.

“Organisations individually scan for risks in their operating environment – but let's have a way of bringing those insights together to help anticipate risks and formulate coordinated responses. We are too small a country, and the agrifood sector is too important, for national interest not to take priority over individual company interests.”

Date: 27/05/2015

Type: University News

Categories: Home Page article; Big Issues in Business; College of Business; Explore - Agriculture/Horticulture



Guide dog Levi with Gordon and Melaney Oldfield at the Wellington graduation

Family guide dog part of couple's graduation celebrations

Husband and wife Gordon and Melaney Oldfield won't just have each other to congratulate when both graduate today, family guide dog Levi will be crossing the stage too.

The golden labrador will aid Mr Oldfield, who is legally blind, as he walks along the stage of the Michael Fowler Centre, Wellington to be capped with his Master's of Management from Massey University.

And Mrs Oldfield will have prime viewing position to see it all having graduated only minutes earlier with a Graduate Diploma in Business Studies. Their children Roxanne, who is in her second year of teacher training, and son Jason, a year 11 pupil at Nelson Boys' College, will also be there to share in their parents' success.

The family settled in Nelson from their native South Africa about eight years ago when Mr Oldfield, in the face of declining eyesight, decided on a career change from working as a pharmacist.

After completing a Postgraduate Diploma in Health Services Management, Mr Oldfield decided to embrace distance learning full-time by studying for his master's.

Diagnosed with a degenerative eye condition, he is now classed as being legally blind with his only sight being peripheral vision in one eye.

With the help of Disability Services at the Manawātū campus, and using screen reading software that reads the required resource materials to him, Mr Oldfield was able to complete his studies while his wife supported the family working in career services and for a local school library while pursuing her own studies.

"It's one of those things he's learned to live with," Mrs Oldfield says of her husband's vision impairment.

"Our children's friends can't believe he is blind as he is very confident in his own environment."

Mr Oldfield would now like to pursue a career in the health management sector.

“I believe my graduation marks a personal milestone in that I have attained a higher level of education after sight loss than while sighted. Anything seems possible now,” he says.

The couple, who have been married for 26 years, believe their efforts have inspired their children to undertake tertiary studies too. First though, there is the double graduation to celebrate.

“It's an achievement we want to share as a family as the kids have had to make sacrifices while we studied,” Mrs Oldfield says. Levi will not be left out of the festivities either.

“It's his ninth birthday a few days afterward. He's very much a part of the family.”

Date: 28/05/2015

Type: Graduation

Categories: Home Page article; Alumni; College of Business; College of Health; Explore - HEALTH; Feature; Graduation; Graduation (Wellington); National; Student profiles; Wellington



LawnMoa co-founders William Kitt (left) and Jonathan Brandon with Aditi Sriram.

Kiwi sculpture company helping kiwi vets

A local Young Enterprise Scheme company who create kiwi-shaped garden sculptures are helping real kiwi by donating part of their profits to the Massey University Wildbase Hospital.

Co-founders of the company LawnMoa, Jonathan Brandon and William Kitt, presented a cheque for two thousand dollars to Wildbase co-director Associate Professor Brett Gartrell at the hospital today, followed by a tour of the facilities including meeting a kiwi who has been treated for a broken jaw.

Mr Brandon said they created LawnMoa in 2014 with two goals in mind: to produce iconic, contemporary garden sculptures and to raise funds for New Zealand's only dedicated wildlife hospital Wildbase.

“The facilities need to be upgraded to help rehabilitate the increasing number of sick and hurt native animals” Mr Brandon says. “It was exciting to run LawnMoa and to be able to back Wildbase”

“It was also really awesome to see the facilities for ourselves and meet some of the birds the money is helping” Mr Kitt said.

Associate Professor Gartrell says Wildbase really appreciates the support and the donation is a great contribution to the survival of native wildlife, including kiwi.

“Many of the species we have come in to us would not survive re-release without our care” Associate Professor Gartrell says. “Donations like this help us with the ongoing costs of caring for our patients – many of which are kiwi.”

Wildbase's wildlife vets treat over 300 patients a year in just 25 square metres. They recently reached their fundraising target of \$1.44 million to expand the hospital's facilities. Although the hospital has reached the fundraising target for the expansion, there are ongoing costs associated with treating their native patients.

LawnMoa produced the highest annual revenue mark of all Young Enterprise Schemes in the Manawatū last year, with Mr Brandon also winning the Chartered Accountants Australia and New Zealand Young Managing

Director of the Year award. Although the scheme has ended, the sculptures are still available for purchase on the LawnMoa [website](#).

Mr Brandon is now studying towards a Bachelor of Business at Massey University and Mr Kitt is completing his secondary education at Freyberg High School. He hopes to study biology and physics in the future.

The Young Enterprise Scheme gives high school students experience in business, from coming up with a product and marketing it to handling the production logistics and finances. The scheme is a year-long project and students work with a regional mentor.

Date: 29/05/2015

Type: University News

Categories: Home Page article; College of Sciences; Wildlife Ward

University key dates 2016

The [Key Dates for the 2016 Student and Administrative Calendars](#) have recently been approved by Academic Committee. Due to the regular movement of the Easter break, every few years the Semester One midterm break commences in later March.

It should also be noted that the dates for Academic Board and Academic Committee meetings are indicative only and will be confirmed by the Committees in due course.

For further information please contact Kirsty Dysart at the Academic Policy and Regulations Unit (APRU), k.dysart@massey.ac.nz, ext 83088.

Date: 29/05/2015

Type: Internal Communication

Categories: Any



Image from a Māori land march poster (source/Wikimedia commons)

175 years on – Treaty of Waitangi now and in future?

The re-emergence of the Treaty of Waitangi in 1970s at a tumultuous period in New Zealand's history – and its subsequent impact on New Zealand society – is the theme of an upcoming conference.

Scholars, policy makers and iwi leaders will mark the 175th anniversary of the signing of the Treaty by sharing their views on its role in shaping the last half century and its place in the future, at a major conference organised by Massey University and Auckland War Memorial Museum.

Titled *The Treaty on the Ground: Dialogue and Difference. Crisis and Response*, the three-day conference at Auckland Museum and Massey's Auckland campus in July will focus on how evolving interpretations of the Treaty have influenced New Zealand policy-making, institutions and communities.

Professor Michael Belgrave, one of New Zealand's leading Treaty historians says; "By the end of the 1970s, New Zealand's race relations were in crisis. Land occupations, protests and the 1975 Māori Land March were indications of Māori anger at decades of land loss, social and economic marginalisation and cultural assimilation.

"Now, five decades on, as we reach the final stages of settlements between iwi and the Crown, local and central government, business and the voluntary sector are moving into new relationships with Māori. It is timely to discuss how we got here and to what extent these changes have resolved the grievances which were at the heart of Māori protest."

Professor Belgrave, who is based at Massey's School of Humanities in Auckland, has worked on Waitangi Tribunal inquiries and on Treaty settlement negotiation since 1987, and has published widely on the Treaty. He will be speaking and convening discussions during the conference.

Margaret Kawharu (Ngāti Whātua), senior Māori advisor at Massey University and one of the presenters, says she is interested in the effect of "Treaty fatigue or complacency."

“The risk is that once settlements are completed, everything returns to ‘normal’, without any real paradigm shift, and grievances are just as likely to continue. This is due in part to settlement negotiations being often behind closed doors and the general public don’t get to hear the rich tapestry of narratives from both Māori claimants and the Crown representatives.”

Roy Clare, Director of Auckland War Memorial Museum says the Treaty “has been a feature of work at Auckland Museum since our founding in 1852, but for a large part of that history the interactions did not properly respect the partnership.

“In recent times, inspired by the perspectives of Treaty Settlement and other contemporary influences, ‘Future Museum’ (published 2012) has redefined our strategic vision as a kaitiaki for Taonga. Backed by our Māori advisory board - the Taumata-ā-Iwi - the Museum has introduced He Korahi Māori - A Māori Dimension - across all our professional activities,” Mr Clare says. “We hope that our extensive public programmes - including those marking the 175th anniversary of the signing of the Treaty - coupled with insights from this conference will energise Aucklanders to know more about the Treaty and to consider its on-going implications in a fresh light.”

Associate Professor Kerry Taylor, head of Massey's School of Humanities and director of Massey's W H Oliver Humanities Research Academy, says that at the core of the Treaty is the notion of partnership.

“We've sought to make this event reflect this notion of partnership in the programme and speaker schedule. Central to any meaningful partnership is communication and dialogue, and we hope participants will reflect critically on differences of the recent past, on how the Treaty is being lived and put into practice on the ground today, but also look to the future and imagine new ways of making the Treaty meaningful in the future.”

Panel discussion topics over two days (July 6 and 7) include an overview of the Treaty's impact since 1945; different conversations around the Treaty between 1975 and 1985; what the Treaty means for various organisations; and visions for the Treaty for the next 25 years.

The first day will conclude with a Smart Talk panel discussion traversing fresh perspectives on the Treaty of Waitangi, and is open to the public. The third day is for new and emerging scholars to share their research at a colloquium at Massey University's Auckland campus.

A Smart Talk panel discussion, titled TREAT-U, TREAT-I, TREAT-Y – Fresh Perspectives on the Treaty will be held as part of Auckland Museum's regular public programme at 6.30pm on Monday, July 6.

Panel chair Te Radar will challenge diverse panellists featuring Kiritapu Allan, Distinguished Professor Paul Spoonley and others to reflect on what the Treaty means today and to share their visions of how it will shape life in Aotearoa looking ahead to 2040.

Registrations for the conference close on July 1. To register, or for more information, click [here](#).

Date: 29/05/2015

Type: University News

Categories: College of Humanities & Social Sciences; Conference/Seminar; Maori; School of Humanities; Uni News

Vacancies – Massey University human ethics committees: southern b

Applications for appointment to HEC: Southern B are invited from members of the academic staff on the Manawatū or Wellington campus who are active in research with human participants.

HEC: Southern B

Three vacancies exist, one of which must be filled by an academic staff member who identifies as Māori. To maintain a balance of discipline expertise on the committee, applications from staff with research expertise in such fields as creative arts, psychology, business and other areas are welcome.

The committee meets in Palmerston North on the Thursday following the second Tuesday of each month between 10.00am and 3.30pm. Travel costs will be reimbursed for academic staff based on the Wellington campus.

Applications should be submitted on the application form available as Appendix 1 of the Terms of Reference, along with a brief CV. The Terms of Reference and Guidelines for Members are available on the website <https://www.massey.ac.nz/massey/research/research-ethics/human-ethics/human-ethics-committee.cfm>. Applicants should ensure their head of Academic Unit is supportive of their application.

Applications close on 19 June 2015 and should be sent to Patsy Broad, Research Ethics Administrator, Courtyard Complex, Room 1.25, PN221 or by email p.l.broad@massey.ac.nz.

For further information, please contact Dr Brian Finch, Director, Research Ethics, extension 86015.

Date: 29/05/2015

Type: Internal Communication

Categories: Any



Dr Heather Kavan in front of her special tree.

Lecturer launches Arbor Day writing competition

Massey University speech writing specialist Dr Heather Kavan is celebrating Arbor Day (June 5) by asking New Zealanders to write a few words about a tree that is special to them.

She says trees play a special role in her own creative process and it's important to acknowledge their value to our lives and community spaces.

"Whenever I want to write or say something important, I stand underneath a tree first," Dr Kavan says.

"There is a strong connection between writing and nature, and with Arbor Day upon us, I am inviting New Zealanders to write about a tree that is significant to them.

"The tree can be special for any reason. For example, it could be a tree that children played in, or an especially beautiful tree, or a memorial tree, or a tree that was part of a personal experience. Alternatively, it could be a tree that has political significance, such as a tree related to One Tree Hill. The tree may be alive or it may be dead."

The competition is open to all people living in New Zealand. There are two categories: under 15 years old and 15 and over. The winner in each category will receive \$100. Entries close 7 July 2015, and details are available [here](#).

Dr Kavan shares her own personal tree story:

How a stalker inspired the Arbor Day Writing Competition

I might never have given trees a second thought had it not been for a stalker who drew my attention to one.

In the late 1990s I was living alone in a flat in Wellington. One morning I opened my door to go outside and there was a pair of women's underpants on my doorstep. I reported the incident to the police in case other women were having similar experiences.

A few weeks later, another pair of pants appeared. Initially my friends and I thought this was amusing, and we joked about leaving a note telling the prowler he had got my size wrong.

Then one night, as I was lying in bed, I heard footsteps shuffling outside my window. My heart thumped and then I froze. The footsteps went away and I breathed a sigh of relief. But the next morning there were more pants on the doorstep.

I notified the police again.

In the following months, the stakes were raised. The stalker started breathing heavily at my window and repeating the syllables of my name when he exhaled. He let me know he was often watching by posting pants through windows if I opened them and left the room.

Simple things I had done in the past, like walking up the path to my flat in the evenings, became stomach-lurching ordeals.

I became a regular caller to 111.

Several times police dogs followed the stalker's scent, but lost the trail at the end of the property. The police installed a camera, but suspected the stalker noticed them installing it.

Even so, while the camera was there, I had peace. Many months later the police removed it. Then one day I went to the bathroom and heard the sound of heavy breathing at the window behind me.

I knew I had to leave for good.

Late one chilly evening, I secretly climbed into a removal van, and shifted. I was free at last.

Or so I thought until I stepped outside the door of my new flat and saw a woman's bra and underpants strung up on the tree facing me.

Had the stalker followed the removal van? Had he followed me home from work? Or was this an extraordinary coincidence?

I do not know the answer to these questions. The incidents never happened again. But I began to notice the tree, checking it every morning and every evening when I came home.

The more attention I paid to the tree, the more I liked it. I liked the way it stood strong no matter what was happening around it. I liked the peaceful, rarefied air I felt when I stood close to it. I liked that it did its job of providing oxygen masterfully even when it had been defaced.

Now, whenever I want to write or say something important, I stand underneath a tree first. Sometimes I think of the diarist Anne Frank who, when hiding from the Nazis in a secret annexe, gained inspiration from looking through a small window at a chestnut tree.

Date: 02/06/2015

Type: Features

Categories: College of Business



Sue Wilson plays the character Betty, who re-establishes a connection with her 'memory' (photo/Eilidh Penman)

Students turn creative lens on dementia

[Watch the TV3 Newsworthy item.](#)

Massey University theatre and media students have been using their creative talents for social good by exploring new ways to communicate with people who have dementia, as well as helping others to better understand the condition.

Students at Massey's Auckland campus have developed short films, music videos and a theatre performance in partnership with a nearby residential care facility, Aria Gardens, in Albany. The works were created as part of a ground-breaking new paper led by applied theatre specialist Dr Rand Hazou.

One of the four groups on the course explored the use of doll therapy for residents experiencing 'sun-downing' – the mid to late-afternoon period when some dementia sufferers feel agitated and confused. Another used TimeSlips – an imaginative storytelling technique that doesn't rely on memory, and is suited to engaging with some of the residents who have dementia.



Dr Rand Hazou with students in the Theatre Lab

Dr Hazou says the Creativity in the Community paper – offered through the School of English and Media Studies to Bachelor of Arts and Bachelor of Communications students – allows students to come up with

creative ways to connect with a specific community setting and explore artistic methods to communicate issues relevant to that community.

“By partnering with Aria Gardens, we've had a unique opportunity to engage with some of the issues surrounding ageing and dementia, and find creative interventions that challenge negative stereotypes within the wider community,” Dr Hazou says.

“After giving students some introductory information on dementia and some coaching on communication techniques, we began visiting Aria Gardens to meet with residents and staff and build up relationships. The idea was that together we could work towards delivering creative interventions that explore issues of positive ageing and dementia.”

Over the last 10 weeks students visited Aria Gardens and designed their creative projects as a result of their interactions with residents. They also worked with Annabel Grant, a clinical educator within Massey's Institute of Education, to understand the specific communications challenges that the elderly and those with dementia might experience.

Last week the students presented their projects at the Theatre Lab on the Auckland campus.

“We're also planning on presenting our projects back to the residents and staff at Aria Gardens and inviting feedback and discussion,” Dr Rand says.

Jon Amesbury, the manager of Aria Gardens, says his 133-bed facility seeks innovative and creative ways to empower residents as part of its philosophy. He says the project was “hugely positive.”

“The residents who took part felt really empowered because they were part of creative projects that recognised their lives and experiences, which increases their self-worth.”

Mr Amesbury is entering the project in the national Excellence in Care Awards 2015. He says the project and partnership with Massey University is unique. He would like to see similar creative projects and partnerships developed more widely as the elderly population rapidly increases and issues such as social isolation, grief, sexuality, depression and anxiety they experience need to be addressed and understood.

Dr Hazou says the group creative projects also allow students to develop important teamwork and communications skills that help them to become “work ready and world ready”.

He says the aim of the paper, as well as other new courses being introduced at Massey, is to develop the students' capacities as adaptive, engaged and responsible citizens. “We want to produce students who can use creative skills to engage with problems they see around them.”

This aim is also being mirrored in Massey's redesigned Bachelor of Arts, as well as the introduction of the Major in Creative Writing and a Minor in Theatre Studies from next year.

Anna Beaton, a Bachelor of Communications student enrolled in the paper, says the project helped her learn to navigate “confronting” situations with confidence. Her project was a short film aimed to create awareness of dementia using sketching, watercolours, music, and voice-over narration.

Student projects were; 'Sketchy Memories' (a three-minute film depicting a narrative fiction based on dementia); 'Pieces of My Mind' (a music video on dementia targeting a wide audience); 'One Moment in Time' (theatre performance to demonstrate the benefits of doll therapy during the mid to late afternoon period of agitation and confusion in those living with dementia, referred to as 'sundowning'); and 'Youthless' (a short film influenced by elderly residents and their experiences and perspectives on communicative difficulties and memory loss).

Date: 02/06/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Creative Arts; Uni News; Video Multimedia



What is the best strategy for a keeper in a penalty shootout?

Strategic thinking when it really counts

By Professor Christoph Schumacher and Nigel Espie

The Under 20 FIFA World Cup not only gives New Zealanders the chance to admire the football masterclass on display, but also the opportunity to garner some valuable business insights. This is the second article in a short series that looks at what businesses can learn from the beautiful game.

There are few moments in life that possess the tension of a penalty shootout during a play-off match at a FIFA World Cup. Across the previous five Under 20 FIFA World Cups, 25 per cent of play-off games were decided by penalty shootouts. If the tournament in New Zealand follows a similar path, we can expect several nerve-wracking moments over the coming weeks.

Arguably, the most important player in a penalty shootout is a team's goalkeeper. Some teams recognise this by substituting a speciality shootout keeper onto the field in the closing stages of a match if the scores are level. These goalkeepers say their prayers and perform special rituals, all while watching for cues as to where the striker is going to shoot.

If penalty shootouts represent a critical factor underpinning the success of a football team, is there an optimal strategy for the defending goalkeeper? And what lessons are there for businesses in this way of thinking?

The branch of economics known as game theory brings together elements of mathematics, statistics, and psychology to predict how people will behave in strategic situations or games. Much of the credit for its high profile must go to the film *A Beautiful Mind*, which depicted the life of the Nobel Prize-winning game theorist John Nash, who died recently in a car crash.

Seen through a game theory lens, a penalty shootout is a game that involves two players – the striker and the keeper. To simplify matters, let's assume that both players have three options. The striker can choose to make their shot to the right, centre, or left of the goal. Similarly, the keeper can elect to dive to the left or right, or defend the centre of the goal.

Let's also assume the striker is equally good at taking shots to all three areas in the goal and the keeper is equally good at saving balls kicked to the three sections of the goal. So what would be the best strategy for a goalkeeper in this situation?

With no past knowledge of the striker's penalty history, you would expect the striker to randomly select their shot. Game theory would suggest that the best option for the keeper is to also randomly select an area of the goal to defend. This maximises the likelihood of saving a goal while preventing the opposing team from discerning any preference by the keeper.

However, the reality is that most strikers' shots will not be perfectly random. Instead, strikers may have a slight preference for one area of the goal over other areas. This preference may arise through superstition or simply because the striker is better at scoring into one particular area of the goal.

In the 2006 FIFA World Cup quarterfinal between Germany and Argentina, Jens Lehmann examined a piece of paper stored in his sock before each Argentinian player came forward to take his penalty kick. It's always been assumed each striker's historic kicking habits were written on the paper, helping Lehmann save two of the four penalty shots taken.

Let's take a look at what may have been going through Lehmann's mind after receiving information about the striker's preferences. He would know that for right-footed strikers who are historically more successful at taking penalty shots to the right of the keeper, it would pay to dive to the right more often than the centre or the left. Game theory suggests that, when facing a striker like this, diving right around half the time and covering the centre and left around a quarter of the time each would increase the keeper's chances of a save by 10 per cent.

Another interesting insight from game theory is that despite the striker being better at shooting to the keeper's right, the striker should actually target this side less frequently because that is what the keeper expects.

Game theory offers a powerful way of thinking about various strategic situations – but the uses of strategic thinking stretch far beyond football. Game theory is widely used in business in areas such as product pricing, contract negotiation, and competitive strategy.

To see this, consider the following example. Two rival competitors selling official Under 20 FIFA World Cup merchandise are both looking to open new stores on Queen Street in Auckland. The firms are the only two selling the merchandise but both know that the proximity to customers and the other competitor will determine their overall profitability. Both firms need to attract the largest number of customers into their store rather than that of their competitors if they want to make as much profit as possible.

Let's assume that more customers shop at the bottom of Queen Street and progressively fewer customers shop in upper Queen Street. Since the competitors are selling the same merchandise, consumers have no preference for either store and will purchase from the store closest to them.

So where is the best location along Queen Street for the firms to establish a shop presence? For the given example, game theory suggests that both firms will locate in the central most location along Queen Street. In doing so, both firms have optimised the amount of customer thoroughfare for their shops.

The results of this example can be seen in numerous real-world examples. Have you ever wondered why different supermarkets, petrol stations or home improvement stores typically set up shop very close to each other? Wouldn't it make more sense to be located away from their competitors? Through strategic thinking, these stores know that although being close to one another will result in direct competition, it is still best to be in the most populated locations at the centre of people's attention.

There are an endless number of other situations for which game theory and strategic thinking can be applied. For example, what is Burger King's best option once it knows that McDonald's is going to launch a new burger? If you believe a share market bubble is going to burst within the next year, when is the best time to sell your stocks? What should Samsung do if Apple decides to lower the prices of all of its iPads?

Penalty shootouts offer businesses a valuable insight into the power of game theory. Through employing strategic thinking, goalkeepers can develop the optimal strategy for saving penalty goals. Similarly, with game theory, a company can better navigate itself through its market and develop a competitive advantage by out-thinking its competition.

Christoph Schumacher is a Professor of Innovation and Economics and Nigel Espie is a Masters student at Massey University.

[Read article 1: Scoring first and responding to change](#)

Date: 03/06/2015

Type: Features

Categories: College of Business; School of Economics and Finance



Damen Golding with flight instructor Sam Dawson.

Golding named top aviation student

A former Paraparaumu College student has been named the top student in his class at Massey University's School of Aviation.

Damen Golding was presented with the Outstanding Student Award for overall excellence in the Bachelor of Aviation programme this week at the university's Wings ceremony. The event marks a student's completion of the flight-training component of the Bachelor of Aviation degree.

For many, including Mr Golding, getting their commercial pilot's licence, or 'Wings', is more significant than their graduation ceremony.

Mr Golding says his award "was an incredible surprise", but also a "massive milestone in my aviation career"

"The last two years of flight training have been both difficult and exciting, but well worth it and the award was the cherry on top. "

Mr Golding says he's wanted to be a pilot since he was given a trial flight by the Kapiti Districts Aero Club.

"It was on the flight out and around Kapiti Island that I decided I wanted to pursue a career in aviation. I'll never forget that first flight. After that I spent my weekends working at the aero club as a helper, cleaning the planes and sweeping the hanger. This included a couple of flights with the team at the aero club, which solidified my dream to fly."

He says he'll never forget the time he and two Massey classmates flew themselves from Palmerston North to Gore.

"The total flight time was 10 hours over three days, shared between the three of us. We stopped in Christchurch for the first night, Gore the second. I flew the long journey back to Palmerston north via the amazing sights of Queenstown on the last day. Truly a sight to behold and a trip I'll never forget."

With his commercial pilot's licence now achieved, Mr Golding will spend the rest of this year completing the final papers for his Bachelor of Aviation and working towards his flight instructor's qualification.

"I would like to work as a flight instructor for some years – and who knows what will happen after that? Ideally I would like to become a pilot for a medivac service like Life Flight here in New Zealand."

Other awards presented at the Wings ceremony were:

- Air New Zealand Flying Award: Joshua Paton
- Airways Corporation Academic Award: Krishneel Naicker
- Palmerston North Airport Professional Attributes Award: Liam Meikle
- Fieldair Engineering Ltd Aviation Systems Award: Krishneel Naicker
- Hugh Francis Navigation Award: Krishneel Naicker

Date: 03/06/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business; Explore - Aviation

Dominion Post home subscription offer

The Dominion Post newspaper is offering Massey University staff who live in its lower North Island circulation area a free six-week home delivery.

Fairfax this year ended its partnership under which newspapers were available free on the Massey Wellington and Manwatū campuses throughout recent academic years. While the free papers were targeted at students, many staff also enjoyed them.

A six-week home delivery is valued at \$78 based on the standard cover price. The home delivery areas are from Wellington to northern Hawke's Bay on the east coast and Whanganui on the west.

This is an obligation-free trial and subscriptions will end after six weeks unless the customer decides to continue it.

The offer is limited to one complimentary six-week subscription per delivery address and is non-renewable and non-transferable. Its is available to Massey University staff who are not current subscribers, have a valid employee number and reside within The Dominion Post home delivery area. Those who accept the offer will receive a call before the end of the trial to offer the best promotional rate to continue the subscription. The offer expires on Friday, July 31, 2015. Fairfax Media reserves the right to cancel the free trial at any time.

To begin start the free subscription [click here](#) and enter your staff ID number, along with your details.

Date: 03/06/2015

Type: Internal Communication

Categories: Any



Massey professors on disaster resilience project

Two top disaster resilience and emergency planning experts from Massey University will focus on the human aspects of surviving earthquakes in their roles at QuakeCore, the Government's newest Centre of Research Excellence (CoRE).

Professors Bruce Glavovic and David Johnston – both from the College of Humanities and Social Sciences – have been appointed as researchers for the recently announced QuakeCore, which aims to “place New Zealand at the worldwide forefront of earthquake disaster resilience by utilising New Zealand as a natural earthquake laboratory”.

Director of Joint Centre for Disaster Research, Professor David Johnston, says Massey's contribution will focus on “the human dimensions of earthquakes; exploring issues around land-use planning, risk governance, community engagement and participation in risk reduction and behaviour responses to earthquake shaking”.

QuakeCore's purpose is to bring together New Zealand's expertise from a range of organisations in earthquake science, engineering and resilience in coordinated and collaborative approach to building resilience across our quake-prone nation in the aftermath of the Christchurch earthquake.

From January 2016, QuakeCoRE will receive \$21.5m over five years from the Tertiary Education Commission for research, education, industry engagement, and outreach in addressing its mission. QuakeCoRE will be hosted at the University of Canterbury with researchers from partner institutions across New Zealand, including University of Auckland, Victoria University, Massey University, Unitec, Waikato University, Resilient Organisations, GNS Science, and BRANZ (a building industry research consultancy).

Professor Johnston's work in the School of Psychology's Joint Centre for Disaster Research focuses on human responses to volcano, tsunami, earthquake and weather warnings, crisis decision-making and the role of public education and participation in building community resilience and recovery.

Professor Glavovic, based in the School of People, Environment and Planning, researches the role of governance in building resilient and sustainable communities, with a focus on coastal communities.

He says QuakeCore provides a unique opportunity to learn from the tragic events in Canterbury and the challenges and opportunities involved in post-disaster recovery.

“We will seek better understanding how to avoid putting people at risk, how to ‘build back better’ post-disaster, and foster resilience, adaptive capacity and sustainability in the face of seismic risk.

“The lessons learned from real-world experience in Canterbury will help to inform other New Zealand communities about how to do more effective pre-event planning to reduce disaster risk. The findings of this research will also be invaluable for those devastated by earthquakes in places as diverse such as China, Chile, Haiti and Nepal,” Professor Glavovic says.

Date: 03/06/2015

Type: Awards and Appointments



Professor David Johnston



Professor Bruce Glavovic



Ans Westra acknowledges the applause at the Michael Fowler Centre after being awarded her honorary doctorate by Massey University Chancellor Chris Kelly during graduation celebrations last week.

Ans Westra retrospective follows award of honorary doctorate

Celebrations for renowned documentary photographer Ans Westra continue next week with an exhibition showcasing more than 30 years of her work.

Fresh from being awarded an honorary doctorate by Massey University, Ms Westra's legacy will be further celebrated with a photographic retrospective from 1963 to 1998 of black and white images at Suite Gallery, 241 Cuba St, Te Aro, Wellington.

The exhibition, being staged from June 9 to July 4, visually represents the sheer breadth of work that was also highlighted at the Michael Fowler Centre last week where Ms Westra was conferred with a Doctor of Fine Arts during graduation ceremonies for Massey University.

For more than 50 years Ms Westra, who immigrated to New Zealand from the Netherlands in 1957, has stamped her mark on the country's photographic scene. She is widely recognised as having produced one of the most comprehensive records of Māori over a half century characterised by significant political and cultural change.

In his citation outlining her achievements, former Massey University Pro-Chancellor Justice Stephen Kos said Ans Westra showed how New Zealand had well and truly emerged from its colonial past.

"And she continued to do so over the next half century, in books and in exhibitions," Justice Kos said.

"Tackling subjects we often feel uncomfortable about: gangs, protest marches, and prostitution in an exhibition called *Behind the Curtain*. The mirror held up to reveal places we seldom see and seldom look for.

Or topics that we *should* feel uncomfortable about. The unchecked despoliation of the environment, for instance. This was the subject of her last book in 2013. *Nga Tau ki Muri: Our Future* takes us firmly from the

familiar monochromatic imagery of her early work to full colour. It makes the scars on the landscape from roads and erosion, the stunted trees and cesspools made of once-pristine waterways, so much more evident. It is, again, a challenging work.”

Justice Kos said Ans Westra was especially effective at allowing us, through her imagery, to meet ordinary people from all walks of life.

“She has altered our perspectives, and she has altered our focus. She has created a now-indelible record of artists, writers, protesters, gang members, working people and socialising people.”



Watch the citation by Stephen Kos

Date: 03/06/2015

Type: Features

Categories: Home Page article; College of Creative Arts; Creative Arts; Feature; Graduation (Wellington); Wellington



Senior lecturer in fashion design Jennifer Whitty with an example of some of the sustainable garments students will learn more about during a visit to China later this year funded by Prime Minister's Scholarships for Asia

Students to explore sustainable fashion in China

Twelve Massey University students will travel to China later this year to collaborate with Chinese students in a sustainable fashion initiative.

The students have been awarded Prime Minister's Scholarships for Asia for the four-week trip in November-December to the Shanghai Institute of Visual Art and Xi'an Polytechnic University. The New Zealand students from a variety of design disciplines will work with their Chinese peers on Space Between, Massey's new social enterprise around designing, making and using locally produced fashion. They will also receive basic Chinese language instruction, visit garment factories, learn about Chinese culture and visit important historical sites.

College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson says the awards build on the connections made with Chinese First Lady Madame Peng Liyuan who visited the college at Wellington last year.

“The Prime Minister's Scholarships are a wonderful opportunity for our students. Following the visit of Madam Peng to the college, it is a further opportunity for us to develop deeper relationships with like-minded design institutes in China.”

Senior Lecturer in fashion design, Jennifer Whitty, visited Shanghai and Xi'an last year and says both institutions are strongly committed to innovation. “This is a deeply fascinating time for our students to be working in China on sustainable fashion.

“We are seeing a resurgence of interest in traditional crafts and techniques, and growing interest in moving up the value chain from high-volume mass consumer fashion to more sustainable practices. Our students have a genuine chance to see how design could effect change in the world's most powerful economy.”

The Prime Minister's Scholarships for Asia (PMSA) is a scholarship programme established in 2013 to provide \$9 million of funding over five years. The scholarship was created by the New Zealand government and is administered by Education New Zealand. Applications for the next round of funding close on September 30 2015.

The College of Creative Arts at Massey University is ranked fourth in Asia-Pacific by Red Dot, the international design awards agency. It is also the first art and design school outside North America to be awarded "substantial equivalency" by the US accreditation body NASAD – the most comprehensive international benchmark for art and design education in the world.

Date: 03/06/2015

Type: Awards and Appointments

Categories: College of Creative Arts; Research - Design; Wellington



\$1100 raised for breast cancer support

The Manawatū campus residential assistants put on a Pink Breakfast event last week to raise funds for the Breast Cancer Foundation.

Students and staff supported the event by buying baking and raffle tickets and making online donations.

More than \$1100 was raised.

Event organiser Rachel Creswell thanked Rae from the Medical Centre for providing breast check information and giveaways, MUSA for assisting with setup and sound and the Young Famers Club for also getting on board with the BBQ. There was also a youth group involved.

Date: 05/06/2015

Type: Internal Communication

Categories: Any

Manawatu Chamber of Commerce staff engagement

Massey University is proud to have a strong partnership with the Manawatu Chamber of Commerce. We would like to make sure our staff have the opportunity to attend:

- Business After 5s – these are a very relaxed networking opportunity held at the host business premises
- Business Breakfast and/or lunches with fantastic speakers from all over the country
- Lunch and Learns
- Quarterly Economic Update and many other events and networking opportunities

To have a look at what is coming up got to www.manawatuchamber.co.nz or email your details to info@manawatuchamber.co.nz to join their mailing list.

Date: 05/06/2015

Type: Internal Communication

Categories: Any



Actors Josh Finegan and Jess Hong at the Napier Road cemetery playing Harper's sister and her partner

Black comedy success in 48-hour film fest

Maggots, a cardboard coffin, a killer hunk of bread and a character named Harper Harrison proved a winning mix for a Massey University team that was runner-up in the Wellington finals of the 48 Hour Furious Filmmaking Competition this week.

The team of mostly current and former staff and students from the Manawatū campus, who call themselves “Outcasts”, made it into the city finals in Wellington for their black comedy *Organic Matters*.

It was a “huge surprise”, says Peri Chapelle, a doctoral researcher and tutor in the School of English and Media Studies and producer for the film, which also won one of the category awards for Best Match Cut – featuring maggots and a rotting sheep's eyeball – as well as being nominated for the Best Script Award.

The story revolves around a bunch of hippies who “rock up” to a cemetery with the cardboard coffin to bury their



Cinematographer Dr Sy Taffel, a lecturer in the School of English and Media Studies, filming with the Outcasts team.

friend who choked to death on a piece of bread, only to find the cemetery no longer takes 'fresh' bodies.

The 14-strong team was allocated 'black comedy' as their genre, with the competition's required elements to include bread, a character called Harper Harrison, the line "oh really", and the use of match or dissolve cut.

According to the event's website, "filmmakers don't know what genre (thriller/romance etc) they will be shooting until the start of the competition. All creativity: writing, shooting, editing and adding a musical soundtrack, must occur within

the 48 hour window beginning Friday evening at 7pm and ending Sunday at 7pm. To add to the mayhem, they must also include some random elements".

Ms Chapelle, whose six-year-old daughter Rhiannon Hayden-Chapelle acted in the film, says the team's previous experience in the competition taught them that having a fairly loose script was the best approach to making a film in one weekend. "The rest is blind, dumb luck," she says.

They are now waiting until the grand finalists are released. "If we're not grand finalists we will be able to put our film on YouTube for people to see. If we are grand finalists, we have to wait until the grand final is over before we can show people," Ms Chapelle says.

She says the process of making the film was immense fun, with the whole team contributing to the script development and film direction.

The judges for 48 Hour Furious Filmmaking competition, which has been running for 13 years and is open to novices and professional filmmakers, are experts taken from the film and television industry. There were 155 films submitted for the Wellington region. The winner in the Wellington City finals was a Buddy movie called *Loyal*, by the Couch Kumaras.

Date: 05/06/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; College of Humanities & Social Sciences



Luke Anderson as the friend who choked.



Caption: Students Danielle Warren (left), Fraser Baker, Tobias Nash, Elizabeth Free, Carmen Popescu (seated), Hannah Bridges and Tess Calogoras were pleased with the response to their theatre performance exploring issues around sexual consent.

Theatrical stand to support sexual consent

Massey University students have used a new communication paper to shed more light on the subject of sexual consent.

Through film, short story and spoken word poetry, members of the Creativity in the Community paper that is part of the Bachelor of Communication programme at Massey University explored the everyday contexts on campus and around town in which sexual consent is a pervasive issue.

Working in groups, participating students devised, planned and managed a theatre project on the subject that made its debut performance last week.

Other issues considered for the performance piece included international human trafficking, climate change, elder abuse and marginalisation of older citizens in New Zealand communities.

Programme coordinator Associate Professor Elspeth Tilley says as well as enabling students to do something creative about a cause they care about, such projects equip them with excellent decision-making, problem-solving, risk management and group-organising skills.

The students faced a difficult challenge to “strike a balance between confronting the issues and protecting the vulnerable in their audience”, while also achieving a piece of creative work that would be “powerful and memorable”, Dr Tilley says.

“As the class teacher, I didn't censor their voice at all, just guided a little from the sidelines about logistics, ethics and aesthetics, offering a creative toolkit for them to select from. The result was totally their own voice, speaking loudly and clearly to their peers. You could see how much it resonated for the audience to hear this spoken topic in their own language, situation and idioms.”

A particular highlight was an interaction between film and live actors, Dr Tilley says. The film showed a typical scene at a nightclub – two characters who knew each other at school meet and appear to flirt. While the film was screening, showing characters engaged in banter about old times, the live actors interspersed the real thoughts inside the characters' heads – one hoping it's not obvious how drunk they are, and the other hoping it's not obvious how sexually attracted they are, with the aim to demonstrate clearly, through the complete mismatch of the characters' intentions, that a drunk conversation cannot be a consenting conversation.

The students contacted Wellington Rape Crisis as part of the information-gathering stage of the production planning and also made the community organisation their fundraising cause too.

“Thus began an often difficult but ultimately empowering journey towards a creative performance that would manage the balance of treating a grim topic with sensitivity, respecting survivors and avoiding triggers,” Dr Tilley says. “Yet also stimulating discussion, clarifying dangerous inaccuracies and myths in the community and the media about consent, and breaking down silences and taboos around talking publicly about rape.”

Several of the students found it useful to attend an extra-curricular workshop on consent, run by Wellington Rape Crisis and Massey Wellington Students' Association. A series of guest lecturers including leading New Zealand playwright Hone Kouka and feminist commentator and Massey University business lecturer Deborah Russell also gave their time to the class to help guide their project.

Date: 05/06/2015

Type: University News

Categories: College of Business; College of Humanities & Social Sciences; Creative Arts; Exhibition/Show; Wellington



Players lift off at the Black Ferns open trial match at the Sport and Rugby Institute

Black Ferns rugby trials on campus

The Sport and Rugby Institute at Massey University has been host to some of New Zealand's top rugby talent this week as the New Zealand Rugby Union selected their Black Ferns team ahead of the International Women's Rugby Series in Canada.

The Black Ferns trial squad were at the Institute for their training camp from last Thursday, which culminated in an open trial match last Sunday.

Sport and Rugby Institute general manager Denis Jenkins says it was "a pleasure" to host the team and management.

"The Sport and Rugby Institute has a proud history of working with the Black Ferns. The breadth of talent New Zealand boasts in women's rugby is amazing and for us to play our part in their preparation for the upcoming International Women's series in Canada is very satisfying."

The Black Ferns were one of the first groups to utilise the Institute's facilities after it opened in 1999. Massey University staff member Dr Farah Palmer was also captain of the team at the time, going on to lead the team to three World Cup titles.

Among the team named on Wednesday are Massey graduates Janna Vaughan, who graduated with a Graduate Diploma in Secondary Teaching and current students Charlene Halapua and Keri Hayden.

Date: 05/06/2015

Type: University News

Categories: Home Page article; Institute of Sport and Rugby; Sport and recreation



Corals need more than warm water to grow

Ecologists from Massey University, the Australian Institute of Marine Science and the University of Queensland have debunked a commonly held belief that ocean warming will lead to coral reef expansion into temperate seas.

Climate change is expected to see Pacific Ocean temperatures rise over the next 50 years and while some tropical species may be able to expand their range southward, the scientists have found that one of three key ingredients coral needs to grow will restrict any expansion.

In a paper published this week in the journal *Science*, the scientists used a global dataset of 104 species of one of the most widespread coral variety – staghorn corals – to examine the factors that determine where corals are likely to grow. Staghorn corals, like plants, rely on energy from the sun and make up much of the coral diversity seen on tropical reefs.

The paper's authors found corals need warm temperatures, good light levels and a naturally occurring mineral called aragonite. The key finding from their study was that although climate change may make southern areas more favourable for growth in terms of temperature and aragonite, it is unlikely that there will be enough light during the winter months for coral reefs to become established.

To meet these light requirements, scientists predicted that corals would need to grow in increasingly shallower water relative to their distance from the equator – an estimated 60cm for every degree of latitude beyond the equator.

Growth in shallow waters makes coral more prone to damage from waves and swells, extreme changes in salinity and competition with other organisms.

Scientists also suggest that activities such as algal blooms, agricultural runoff, urban development and dredging will further reduce light levels and further limit the possibility that corals will survive in temperate seas.

Institute of Natural and Mathematical Sciences marine biology lecturer Dr David Aguirre says, while we may love to see coral reefs in New Zealand, in reality, it is a very low possibility.

Dr Aguirre says the study is the first to look at whether rising ocean temperatures could enable coral spread in Australia and New Zealand. "Most of the energy these corals need to survive comes from sunlight and light is not predicted to respond to climate change the same way ocean temperature will."

Date: 05/06/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues



The Kawhia giant fossil penguin

Ancient fossil penguin goes digital

A 28 million year old giant penguin fossil found at Kawhia in 2006 will be shown for the first time alongside its three dimensional scanned profile in a new exhibition opening at Waikato Museum on Saturday.

Massey University collaborated with Waikato Museum to develop the exhibition, *Giant in the North*, and put into context the fossil's relevance and significance in the scientific world. Institute of Natural and Mathematical Sciences palaeontologist Dr Daniel Thomas scanned the three dimensional profile of the fossil and hopes the resulting image can help researchers in the future formally identify the Kawhia penguin.



Dr Daniel Thomas

"This is the largest and most complete fossil bird from a very important time in the history of the North Island," Dr Thomas says. "It is my hope that we have the opportunity to formally describe the specimen and discover the species it belongs to. There are so few fossil penguins known from the North Island, and it would be great to know how this specimen compares to the giants from the South Island, and from elsewhere."

Giant in the North celebrates the discovery of the Kawhia giant penguin fossil in January 2006 by members of the Hamilton Junior Naturalist Club. Other fossils from the same geological time of the Kawhia giant penguin (24 to 28 million years ago) will also be on display, including a specimen of an ancient shark, found by the naturalist club's patron and archaeology enthusiast Chris Templer.

Scanning technology is now more accessible and proving to be integral in museum collection work. In the field of palaeontology, detailed bone features can be examined from the other side of the world.

Waikato Museum director Cherie Meecham says the collaboration between Massey University and the museum has "been a fantastic opportunity to apply current technology in collection research. We can now

share more detail with our visitors and involve them in the journey to uncover the mystery surrounding this extraordinary fossil."

Date: 08/06/2015

Type: Research

Categories: Home Page article; College of Sciences; Exhibition/Show



Professor Gil Hardy

Massey professor's ASPEN Fellowship a first for New Zealand

A long and illustrious career investigating the complex issue of feeding people using tubes has seen Massey University's Professor Gil Hardy elected as the first non-American Fellow of the American Society for Parenteral and Enteral Nutrition (ASPEN).

Professor of Clinical Nutrition in the School of Food and Nutrition, Professor Hardy helped establish the Master of Nutrition and Dietetics at Massey University.

"Being elected a Fellow is a great honour and one I wasn't expecting," says Professor Hardy. "They usually elect past presidents as Fellows, but when the current president announced the award and made the presentation, it was a very nice feeling. It's good not only for me but also for Massey and the School of Nutrition in the College of Health.

Founded in 1976, ASPEN is an interdisciplinary organisation whose members are involved in the provision of clinical nutrition therapies, including enteral (tube feeding directly into the intestinal tract) and parenteral (tube feeding directly into the vein). It has more than 6000 members worldwide, comprised of dietitians, nurses, pharmacists, physicians, scientists, students and other health professionals working in the field of nutrition support clinical practice, research and education.

Professor Hardy says ASPEN is the largest and longest-serving organisation in this field. Over the last forty years the process of feeding by tube has changed quite a bit.

"There is a spectrum of problems with the intestine and food absorption. At the extreme end, people have no intestinal function at all, which used to result in death, until in the late 1960s when surgeons developed techniques for inserting a sterile feeding tube into the heart. In the early days, most of the emphasis was on this intravenous (by vein) feeding, otherwise known as parenteral nutrition (PN). If you go further along the spectrum where people may have some partial gut function, they can take food in a liquid form by nasogastric tube feeding into the stomach. That's called enteral nutrition (EN).

“In the early days it was thought that our gut was just a convenient tube to take food down into the stomach and then out, but increasingly it was found to be a major organ that affects our immune system. So today the motto is “if the gut works, use it” – even if only partially. It's always been a strong recommendation for when a baby is born to get it to suckle, to stimulate the gastro-intestinal system. Even for babies fed intravenously, nurses still try to get them to attach to improve the generation of immune factors.”

With the advent of multi-disciplinary medical teams in the 1990s, Professor Hardy says a wider range of health professionals became involved in nutrition support teams (NST), and this helped to raise the profile of dietitians.

“Most large hospitals have a NST with either a surgeon or gastro-enterologist, a pharmacist, a dietitian and a specialist nurse. This team approach has been good for all the disciplines, and we've seen that reflected in the membership the professional societies, such as ASPEN and AuSPEN (the Australasian society) – with something like 75 per cent of the members being dietitians or nutritionists.”

Professor Hardy is also in great demand as a speaker for other nutrition societies in Europe, South America and Asia.

“An increasing area of interest is the potential for drug and nutrient interactions. People know not to eat grapefruit with particular drugs – but there are all sorts of potential interactions between many common drugs and different foods, and that's more acute when you're feeding by PN or EN. However, a lot of the evidence at the moment is anecdotal, so there's a major opportunity for more evidence-based scientific research. In ASPEN we've selected 10 of the most common drugs that are likely to cause some kind of interaction – and our task force is looking to see just what the evidence is, and what new clinical research is needed.”

But it's not only the research aspects that Professor Hardy enjoys. Five years ago he was instrumental in helping set up a support group called Parenteral Nutrition Down Under (PNDU). There are around 200 adults and children with intestinal failure (IF) in Australia and New Zealand, who are dependent on PN tube feeding every day at home.

“There aren't large numbers being fed this way, but it's the extreme end of the feeding spectrum and quite often people can feel isolated when they're told they can manage their therapy themselves at home (called HPN). There's lots to learn; using sterile techniques to change the tube connections and minimise the risk of infection, setting up an electronic pump to infuse their feeds, usually overnight.”

The organisation has produced several guide booklets, set up a Facebook page and a private internet chat forum, so that people have somebody else in a similar situation to email or phone, and talk to.

“There's lots of discussion, about national or international travel with their pumps and feeding bags, and practical problems such as pump alarms going off in the middle of the night,” he says.

Professor Hardy says that being involved with PNDU is extremely rewarding. “I think that's one of the most satisfying parts of the job – being more directly involved with “HPNers.” We've organised a few seminars and little social get-togethers – afternoon tea without the tea – so that patients (and their carers/families) can meet somewhere informally and share their experiences. I think that's what has always fascinated me – because if you're just doing nutrition research you can sometimes forget that there's a person at the receiving end. So it's been great to see how people cope with IF – and I have great admiration for them.”

For more information on ASPEN, visit their [website](#).

Date: 08/06/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Health; Explore - Food; Explore - HEALTH; Feature; Innovation; International; National; Research; Research - Future Food Systems; School of Food and Nutrition



Professor Paul Kenyon (second from left) and Professor Hugh Blair (far right) inside the XinBao sheep facility.

NZ farming expertise fosters NZ-China relationship

Massey University animal scientists have been appointed as expert consultants to the XinBao farm, Urumqi, China foster the business relationship between China and New Zealand.

Professors Hugh Blair, Steve Morris and Paul Kenyon from Massey University's International Sheep Research Centre have been visiting China over the last 10 years to establish relationships with the Chinese Academy of Sciences, Shihezi University staff and, more recently chief executive officer of XinBao Dr Harry Gao.

Their most recent visit involved visiting the XinBao sheep farming operation on Xinjiang Production and Construction Corps property. The immediate goals of this farm are to produce one million lambs annually from 500,000 ewes with year-round lambing, and to capitalise on co-products like methane from animal waste and electricity from shed-mounted solar panels.

During the visit the scientists designed a \$NZ400,000 research project to collect baseline data which will allow the assessment of productivity and profitability of any proposed changes to the farming system. A total of seven research projects are being developed over the next three to six months for which XinBao will contract Massey University's expertise in sheep production and education.

Professor Blair said the rate of progress has been “incredible” and this comes down to sharing knowledge between the two countries.

“We are occasionally challenged by New Zealanders who think we are giving away the country's knowledge in sheep farming, however, we believe the opportunities for New Zealand to collaborate in Chinese tertiary education and on-farm research provide major opportunities for New Zealand to learn, improve and share.”

He says the benefits flow both ways “We are discovering things about indoor sheep farming systems that might have a place in environmentally sensitive parts of New Zealand”.

As well as environmental benefits, Professor Blair says there is huge economic opportunity for New Zealand. “China is a significant trading partner for New Zealand and anything we can do to improve our relationship is beneficial. This includes research mentoring and collaboration.”

“China will shortly be the powerhouse of science discovery – current projections has China overtaking the USA in the next 5-10 years (depending on what criteria you use). Massey wants to be part of that knowledge generation, just as we have been part of the euro-centric knowledge generation for the last 150 years.”

In April 2015, XinBao was granted two billion New Zealand dollars of funding from the Chinese government to assist with achieving the vision of increased sheep meat supply as part of the Central Government's drive to substantially increase national red meat production.

Date: 08/06/2015

Type: Research

Categories: Home Page article; Awards and appointments; College of Sciences; Explore - Agriculture/Horticulture; International; School of Veterinary Science



Case study competition team members DJ Apparao (left), Christopher Hermence, Lizeth Lozada, Hamish Hammond. Luke Leonard is based in Taiwan.

Massey students tackle world agribusiness issues

A team of postgraduate agriculture students is heading to the United States to participate in a competition to solve critical issues facing the food and agribusiness industry.

The Student Case Study Competition is part of the International Food and Agribusiness Management Association's annual conference. This year's venue is St Paul, Minnesota.

The competition gives students the opportunity to showcase their problem-solving skills by generating an analysis and presentation on an industry hot topic. The actual topic will not be revealed until the day when students will have four hours to analyse the case, prepare a solution and create a presentation.

At stake is a cash prize as well as the respect and recognition of world leaders in the agribusiness sector.

Massey University's team consists of agricommerce or agribusiness students led by DJ Apparao, with Hamish Hammond, Luke Leonard, Christopher Hermence and Lizeth Lozada. The group is mentored by agribusiness specialist and chair in farm management Professor Nicola Shadbolt and agribusiness lecturer Dr Elena Garnevska.

Mr Apparao says they have been preparing by analysing business models and problems from companies such as Nestle, Diamond Foods and Dominos. "Our mentors have been instrumental in preparing us for this trip. They have real-world experience and invaluable industry knowledge."

Professor Shadbolt says the team have been preparing for weeks, even studying over the weekend. "They have been working hard for some weeks on practice cases with Elena and me. They are a very able group and are a good representation the quality of grads that we attract."

Date: 08/06/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Sciences; Explore - Agriculture/Horticulture; Innovation; International; Research - Future Food Systems



Massey alumnus Sir Richard Taylor from Weta Workshop, far left, has joined Massey University Vice-Chancellor Steve Maharey (second from left) and Chancellor Chris Kelly on a delegation to China focused on the College of Creative Arts this week. They are pictured with China's First Lady Madame Peng Liyuan after she was conferred with an honorary doctorate during a visit to the College last November and Lady Janine Mateparae, who represented her husband, the Governor-General Sir Jerry Mateparae, at the function.

Massey takes its creativity to China

Massey's reputation for creativity is to the fore during a visit to China this week that showcases the University's innovation across the arts spectrum.

College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson and senior Wellington and Palmerston North staff have joined Chancellor Chris Kelly and Vice-Chancellor Steve Maharey for the five-day trip. It is a joint delegation with Weta Workshop staff led by Massey alumnus Sir Richard Taylor.

Sir Richard delivered the citation when China's First Lady, Madame Peng Liyuan, had an honorary doctorate conferred on her by Massey University in November when she visited the



Caption: Vice-Chancellor Steve Maharey's visit to China with a delegation of creative arts industry leaders has already attracted the attention of Chinese media.

College of Creative Arts. The college is ranked fourth in design in the Asia/Pacific by global design organisation Red Dot.

Madame Peng, an accomplished musician, renowned soprano opera performer and Professor Of Music, has strong ties with Chinese arts institutions including the People's Liberation Arts Academy, which the Massey-Weta delegation will visit this week. The National Library of China and Tsinghua University are also on the itinerary and there are several speaking engagements for Mr Maharey and Professor Robinson.

Massey and Weta will also host a function in conjunction with Education New Zealand at the New Zealand Embassy residence in Beijing.

Mr Maharey says the visit continues a longstanding and strong relationship for Massey University with China.

For more than 35 years it has fostered connections, and currently has more than 70 active agreements and collaborations with Chinese university and government agencies covering all areas of teaching, research and exchange activity.

Key among them is a sheep project led by the International Sheep Research Centre at Massey's Institute of Veterinary, Animal and Biomedical Sciences. It is part of the Joint Research Centre for Sheep Breeding and Developmental Biology partnering with the Chinese Academy of Sciences and Shihezi University.

As part of a Tripartite Agreement Massey shares with Peking University and Shihezi University, more than 30 university lecturers from western China will arrive in Palmerston North in late June for a three-month professional development programme on teaching agriculture.

Date: 09/06/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; FutureNZ - Agriculture; FutureNZ - Art and Culture; International; Vice-Chancellor



Professor Bernhard Breier

\$4m in funding for Massey health researchers

Massey University researchers in the College of Health have been awarded almost \$4 million in the 2015 Health Research Council's Funding round.

Pro Vice-Chancellor Paul McDonald says the funding will go towards four diverse research projects tackling some of the most pressing health challenges facing New Zealand and the world.

Investigating gut microbiomes in women:

Chair in Nutrition Professor Bernhard Breier has been awarded almost \$1.2 million over three years to investigate the gut microbiome – the mass of bacteria residing in the human gut - in women of Pasifika and New Zealand European descent in the fight against obesity.



Professor Karen Witten

Tantalising new evidence suggests that microbial complexity and functionality in the gut may play a crucial role in obesity. Professor Breier and a team from Massey University, and the Universities of Auckland and Otago, will test whether diet, taste perception, sleep and physical activity can

modify the gut microbiome and its impact on obesity.

Enabling participation for children with disabilities:

Professor Karen Witten has been awarded almost \$800,000 over three years for research into how built environments, amenities and social environments create barriers for children and young people with disabilities.

In association with non-governmental organisations in the disability sector, Professor Witten will work with children and young people with motor and sensory impairments and their families to understand their experiences in the public realm using a range of methods across diverse Auckland neighbourhoods.

How airway micro-organisms affect children with asthma:

Childhood asthma is a complex condition which could lead to more severe asthma or other conditions in later life. Professor Jeroen Douwes has been awarded nearly \$1.2 million over four years to investigate which airway micro-organisms are associated with lung function deficits and non-allergic inflammation in childhood asthma in 240 New Zealand children. It is the fifth consecutive project Professor Douwes has had funded by the Health Research Council.



Professor Jeroen Douwes

Improving outcomes for injured New Zealanders:

Last year the Accident Compensation Corporation (ACC) spent \$1.8 billion and received 1.8 million injury claims. Of those claims, 28 per cent have been identified as subsequent injury claims. Associate Professor Sarah Derrett has been awarded almost \$600,000 over two years for a Subsequent Injury Study to identify if interventions can be developed for people who suffer a re-injury or identify as being “accident prone”.



Associate Professor Sarah Derrett

“These projects are representative of the cutting edge, applied science we are conducting across the College of Health at Massey University,” said Pro Vice-Chancellor Paul McDonald.

“Our top scientists and students are using their talents and novel ideas to solve the 21st century's biggest health challenges such as obesity, asthma and disability. Winning such a high proportion of the HRC project grants shows our growing strength and ability to look at issues in groundbreaking ways.”

Thirty-three researchers from across New Zealand received a combined total of more than \$34.5 million in project funding in the Health Research Council's 2015 funding round.

Date: 09/06/2015

Type: Research

Categories: Home Page article; Auckland; Awards and appointments; College of Health; Environmental issues; Explore - HEALTH; Funding; National; Palmerston North; Research; Research - Health and Wellbeing; School of Food and Nutrition; School of Health Sciences; Uni News; Wellington



The winners of last year's Global Enterprise Challenge talk to the judges.

Teen entrepreneurs converge at Massey

Eighty teens from around the country are set for a huge weekend at Massey University, with scholarships and six spots to Singapore up for grabs.

Enterprise in Action (EIA) will take place this weekend at Massey University's Auckland campus. The Hon. Steve Joyce, Minister for Economic Development, will open the event on Friday before students spend the weekend competing in the New Zealand heats of two international challenges:

- The Global Enterprise Challenge, sponsored by Massey University
- The FedEx Express/Junior Achievement International Trade Challenge

Six students will then be chosen to represent New Zealand in Singapore at the Asia-Pacific FedEx Express/Junior Achievement International Trade Challenge. New Zealand are the defending champions, having won 1st and 2nd place in this competition in 2014.

"The young people we bring together at EIA are amazing," says Young Enterprise chief executive Terry Shubkin. "The 80 students have been selected from over 3000 students who are taking part in The Lion Foundation Young Enterprise Scheme this year. As teenagers, they are already running their own business. This weekend will take them to the next level, where they will focus on international trade and global issues."

The students will form ten teams, with each team of students being mentored by a leading business. Mentors this year include Air New Zealand, BNZ, Spark and Xero.

"It's a massive weekend for our students and mentors, and we are hugely grateful for the support of our three sponsors – Massey University, FedEx Express, and New Zealand Trade & Enterprise," said Shubkin.

As the major sponsor, Massey University will also offer \$1000 scholarships to all participants and \$2000 scholarships to the members of the winning team in the Global Enterprise Challenge.

“The key to this country thriving in the 21st century is people who can learn and adapt quickly and make sense of the opportunities and challenges ahead,” says the head of the Massey Business School Professor Ted Zorn.

“We sponsor the Global Enterprise Challenge because it fosters entrepreneurial and innovative thinking amongst our brightest students. This weekend will push them to their limits, but I hope it also inspires them to become the next generation of leaders.”

Date: 09/06/2015

Type: University News

Categories: College of Business; Explore - Entrepreneurship; Innovation



Image courtesy of the Science Media Centre

Science video workshop coming to Palmerston North

The Science Media Centre and Mohawk Media will visit Massey University's Manawatū campus in July to host a workshop on communicating scientific concepts in 90 second science videos. The videos are aimed at an online audience – leveraging platforms like Youtube and Vimeo.

The workshop will cover why video is so powerful and give examples of some of the best viral science videos. Participants will learn scripting and storyboarding techniques, how to find footage, how to use a smartphone or GoPro to film videos and which software tools are the best as well as receiving expert feedback on their own video script idea.

Director of the Science Media Centre Peter Griffin says videos are a great way to bring science to life and are not difficult to make once you know how. "Great videos can be made using just a smartphone or tablet" he says. "The workshop will cover how to harness this technology and the best ways to shoot, edit and distribute video content."

The Mohawk team will also be on hand to answer all questions, give hands-on demonstrations and introduce great tools that will help in the video production process.

This workshop is free to attend, but is limited to 20 places, with university and crown research institute researchers getting top priority. Applications are welcome from people working in science-related fields in regional councils, non-government organisations and private research firms.

This is a competitive application process – the best applicants will be selected based on the video concepts outlined in the [application form](#).

The workshop will be held on the Manawatū campus (specific location to be advised) on Thursday July 2 from 9am to 5pm.

Date: 10/06/2015

Type: University News

Categories: Home Page article



Doctoral researcher Sarah Malthus is seeking people with prediabetes to take part in her psychology intervention study

Diabetes prevention focus for psychology study

Clinical psychologist and PhD researcher Sarah Malthus works with people who have serious complications of diabetes, such as amputations, kidney failure, and blindness.

She says it can be “heart-breaking” work, but it prompted her interest in developing and evaluating interventions for people at the pre-diabetes stage, so they can avoid these complications in the future.

“Diabetes is a potentially debilitating long-term health condition that comes with substantial physical and psycho-social cost, and unless more is done at a prevention level the impact on the health system is likely to be substantial,” she says.

Ms Malthus, who is based at Massey University's Psychology Clinic in Palmerston North, is seeking 150 people with prediabetes who live in the MidCentral district to take part in her intervention study.

In the study, funded by the MidCentral District Health Board, participants will receive information about their condition, along with practical changes they can make to their lifestyle to reduce their risk of progressing to diabetes. Involvement requires approximately three to seven hours over six months.

People interested in the study will need to meet criteria for pre-diabetes, which is based on a blood test result. They can be referred into the study by their GP or practice nurse, or contact her directly to discuss a referral. Haemoglobin A1c (HbA1c) is the recommended screening test for Type 2 diabetes and prediabetes. Those with HbA1c levels in the range 41–49 mmol/mol are considered to have prediabetes, otherwise known as ‘intermediate hyperglycaemia’.

Study participants will be randomly assigned to research groups, which will be provided with different types of lifestyle interventions relating to diet and physical activity. The interventions have been informed by international approaches in line with prediabetes advice provided by the Ministry of Health. They have been developed in collaboration with the Diabetes Trust along with input from nurse practitioners, dieticians and other health professionals with extensive experience in diabetes prevention and research.

Ms Malthus said Type 2 diabetes is referred to as a 'silent killer', because in the early stages people may not have any symptoms or symptoms are very subtle. Symptoms that can indicate a shift from prediabetes to Type 2 diabetes include; feeling tired, increased thirst, increased urination, blurred vision and frequent infections.

Currently, about 25 per cent of New Zealanders meet the criteria for pre-diabetes, which means they are at high risk of developing Type 2 diabetes.

"These rising rates are partly related to changes in lifestyle, such as what we eat, our weight and how physically active we are," she says.

Rising rates of both prediabetes and diabetes within New Zealand and globally has made diabetes prevention a central focus of health research. International research has demonstrated that the risk of developing Type 2 diabetes can be substantially reduced by almost 60 per cent by providing lifestyle interventions for people with prediabetes.

Ms Malthus was motivated to pursue her doctoral research as a result of her work as a psychologist for the Massey Health Conditions Psychology Service. Her role with this service involves helping people to cope with emotional distress related to living with diabetes, and supporting them to make changes to their lifestyle to manage their diabetes.

She hopes her study will ultimately help those who are at high risk of developing diabetes take steps towards a healthier future, and prevent them from developing serious health problems down the track. She is optimistic that diabetes prevention approaches, such as these, will reduce pressure on the health system that is already overwhelmed with managing diabetes and its complications.

To find out more about the study, or register to take part, contact Sarah Malthus on (06) 350 5180.

Date: 10/06/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Explore - HEALTH; School of Psychology; Uni News



New Zealand Trade Commissioner to Vietnam and Massey University master's student Tony Martin.

Small firms urged to consider frontier markets

New research from Massey University suggests that many small New Zealand firms could be missing good export opportunities in emerging markets.

Massey master's student Tony Martin, who also happens to be New Zealand's Trade Commissioner and Consul General in Vietnam, has just completed his thesis on how small businesses select their export markets and find partners to do business with.

Mr Martin focused his research on the food and beverage sector because of its importance to the New Zealand economy, but says the insights from his thesis apply to other sectors too.

"My thesis topic is based on observations I made while working in international development roles for New Zealand-based businesses. I saw many great New Zealand food and beverage products pushing out into international markets with varying degrees of success," he says.

"It seemed to me that there was a trend for smaller New Zealand companies to select markets which they were familiar with, rather than considering broader options for growth and development."

Mr Martin's research backed up his observations – a proportion of firms still adopt the traditional staged approach to exporting by going first to Australia and then onto markets like the United States, United Kingdom, Singapore, Hong Kong and Canada. Small firms, he says, often make decisions to export based on reasons that may seem irrational or even emotional.

"Small firms from small domestic economies such as New Zealand are forced out into international markets as fledglings based on the need for revenue growth and, as a result, there seems to be a tendency to be far more reactive when it comes to market selection and finding business partners offshore," he says.

"This is where the concept of 'psychic distance' such as language, cultural and historical differences can interfere with decision making."

He says that while the food and beverage sector is a very large part of New Zealand's export economy, aside from the large dairy and meat companies most exporters are small in size and face the challenges associated with a lack of human and financial resources.

Testing the waters in “psychically close go-to markets” is not inherently bad, he says, as these markets can be a natural fit in terms of taste and quality profile, especially for food and beverage products. But emerging markets are starting to become more important.

“In recent years we have started to see a change in the order of the countries firms export to. China – a psychically distant market from New Zealand – is becoming a second, third or fourth choice market and overtaking many of our traditional markets in order of sequence.”

Mr Martin says markets like China, Indonesia, Vietnam and the Philippines offer opportunities that developed markets don't – if firms can overcome the influence of psychic distance, which can overshadow more objective factors, when choosing which markets to enter.

“Emerging markets are sometimes referred to as ‘frontier’ markets and, for companies that have a longer term vision for growth and development, being at the frontier of a new market can provide much better long-term returns than joining the ultra-competitive marketplace in developed countries.

“There are, of course, risks with market entry and finding suitable channel partners in less developed export markets, but in many cases the best time to develop a presence in an emerging market is while they are still emerging. Long-term relationships can be established and product and brand awareness can be developed without having to fight for space and a share of voice.”

Mr Martin says choosing the right partner is absolutely crucial to export success in an emerging market and the offshore networks that help New Zealand firms find those partners are invaluable. He says his research has certainly shaped his own thinking as the head of an offshore trade development office in an emerging market

“Emerging markets are investment markets in terms of trying to build longer term plans for development in key sectors. This requires a lot of time dedicated to relationship building and establishing deep links with key influencers.

“The biggest change I can see ahead is finding much better ways to leverage the offshore connections and networks that organisations like Kea, alumni groups and New Zealand Trade & Enterprise have. These are surely one of the greatest assets that can be made available to small firms who have the motivation and desire to break through psychic distance barriers.”

Date: 12/06/2015

Type: Research

Categories: Big Issues in Business; College of Business



Dr Trisia Farrelly, environmental anthropologist, is making a stand on eliminating plastic bags in Palmerston North.

Plastic bag-free future for Palmerston North?

Imagine life without them? A Massey University environmental anthropologist can. Dr Trisia Farrelly is part of a Palmerston North group campaigning to get rid of environmentally damaging plastic grocery bags.

Dr Farrelly, from the School of People, Environment and Planning, is a member of the Carrying Our Future lobby group, which is working towards a plastic bag-free future for Palmerston North.

The group is holding a public forum on Sunday to present their vision to the community. They are seeking public support for a voluntary system to eliminate the use of plastic bags locally.

Dr Farrelly says Palmerston North could lead the way as the first New Zealand town to get rid of plastic shopping bags. New Zealanders use around one billion of them every year, and an estimated 40,000 plastic shopping bags are disposed of in landfill in New Zealand every hour.

“Plastic bags break down into invisible micro-particles – they don’t go away. They break down in the air, water, soil and sea. The toxins in plastic bags are highly damaging for the environment and its fauna, and for the marine ecosystem,” she says.

Dr Farrelly, who has conducted research and surveys in Palmerston North on household waste management and is supervising a number of postgraduate projects on issues of sustainability and waste disposal, says the group is taking an educative, solutions-based, and constructive approach to the issue.

This includes encouraging citizens to say ‘no’ to plastic bags when they shop, and for businesses and retailers to get creative in designing re-useable and recyclable bags that could enhance their brand and reputation.

People from diverse organisations will speak at the forum, including Massey University Masters student Chad Foley. He will present findings from a Massey University Summer Scholarship research paper he completed at the end of his final year of a Bachelor of Arts majoring in geography.

His paper looked at case studies in New Zealand and around the world of how towns, cities and businesses have dealt with the issue of plastic bag reduction. He cites the successful reduction in plastic bag use in New Zealand by Pak 'n Save and The Warehouse, which charge five and 10 cents respectively for bags.

Mr Foley identified “political ideology and national legislation” as the main barriers to regulating plastic bag use at a national level in New Zealand, but found that a ban on single-use plastic bags could be sustainable in the long term with the political will, support and alternatives to plastic bags.

Sunday's forum will also report on a remit proposed by the Palmerston North City Council, which could go before Parliament. It urges government to impose a levy on plastic shopping bags at point of sale. The remit will be voted on at a local government conference in Rotorua this September.

The remit has already been passed by Horizons Regional Council, Hauraki District Council, South Wairarapa District Council, Taupo District Council, Napier City Council and Dunedin City Council.

Other guest speakers at the forum include representatives from Massey University's Zero Waste Institute, TradeAid, Friendlypak, Sustainable Coastlines, Palmerston North City Council as well as National MP Jono Naylor, Labour MP Iain Lees-Galloway and Green MP Denise Roche.

Carrying Our Future public forum: Sunday 14 June at 2pm, Palmerston North City Library.

See Facebook page for Carrying Our Future [here](#).

Date: 12/06/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Enviromental issues; Explore - Planning; Uni News



Assistant Vice-Chancellor People and Organisational Development Alan Davis with award recipients.

2015 staff Conference on Wellington Campus – Service Excellence Awards

At the recent Staff Conference Wellington campus attendees enjoyed workshops on various topics, ranging from working across cultures to developing a professional identity; effective networking; seeking common ground with people and collaborative conversation.

To recognise the efforts of members of academic or professional staff who particularly excel in their area of service, the Staff Service Excellence Award were presented to :

- Rachael Leafe Pasifika Learning Advisor- Sustained excellence in a service area
- Wellington library Staff- Notable improvements in work practices or service experience
- Rick Smith from Information Technology Services- Contribution to Health and Safety practices

Date: 12/06/2015

Type: Internal Communication

Categories: Any



China's First Lady, Madame Peng, welcomes Massey University Vice-Chancellor Steve Maharey.

China's First Lady hosts Massey, Weta arts delegation

China's First Lady, Madame Peng Liyuan, wants stronger ties between China, Massey University and Weta Workshop following a reception she hosted in Beijing.

Chancellor Chris Kelly, Vice-Chancellor Steve Maharey, College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson and senior university staff members have been joined in China this week by Weta creative director Sir Richard Taylor and several Weta staff, at the invitation of Madame Peng and the People's Liberation Arts Academy. They are there to showcase the University and Weta's innovation across the arts spectrum as well as to experience and learn about Chinese culture and innovation.



Mr Maharey's visit to China with a delegation of creative arts industry leaders has already attracted the attention of Chinese media

The reception, preceded by formal talks at the Diaoyutai State Guesthouse, was attended by a Chinese vice-minister of education and senior defence staff from the People's Liberation Army.

Madame Peng emphasised the importance China and New Zealand place on education and the valuable role that Massey and Weta Workshop have in developing the next generation of leaders. She encouraged

further exchanges between China, Massey and Weta Workshop.

She said the honorary doctorate conferred on her by the University in November when she visited the College of Creative Arts was not only a personal honour but sent a message of goodwill from Massey to the people of China. Having face-to-face exchanges with Massey Wellington students who had exhibited their works had been wonderful, she said.

Earlier in the day, the delegation was warmly hosted at the People's Liberation Army Arts Academy, of which Madame Peng is president. The academy showcased the talent of its staff and students in the performing and creative arts through a series of high-quality performances and exhibitions. Mr Maharey and Professor Robinson gave presentations about Massey and discussed opportunities for collaboration with academy leaders.

At a separate event, Mr Maharey with Sir Richard and New Zealand Ambassador to China John McKinnon jointly hosted a reception for friends of Massey and Weta Workshop at the Ambassador's Residence in Beijing. Senior university, government and recruitment partners and senior film industry executives attended.

The highlight of the evening was the signing of an agreement between Massey and the China Scholarship Council under which the first group of more than 30 university lecturers from western China will arrive in Manawatū later this month for a three-month professional development programme on teaching agriculture.

China Scholarship Council secretary-general Liu Jinghui welcomed the agreement and encouraged the development of further innovative collaborations with Massey.

Leading media outlets, including Xinhua, China Daily and CCTV7, have conducted interviews and provided coverage of the delegation's visit.

Date: 12/06/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Feature; International; Vice-Chancellor



Professor Heywood (left) launched Massey University Worldwide along with External Relations international account manager Rachel O'Connor

Massey University Worldwide launches in London

The first international launch of Massey University Worldwide was held at the Going Global 2015 conference in London last week.

About 1600 international education leaders gathered at the conference, where issues and challenges facing international education were discussed.

Professor Brigid Heywood, Assistant Vice-Chancellor Research, Academic and Enterprise says the conference was the perfect platform to launch Massey University Worldwide to the global higher education community and promote Massey's growing trans-national provision.

Professor Heywood launched Massey University Worldwide along with External Relations international account manager Rachel O'Connor.

Massey University was visible in all sessions as a result of its sponsorship and its exhibition stand attracted significant attention from delegates seeking information about New Zealand and Massey University programmes.

"Sponsoring the event and having a prominent exhibition site ensured that Massey University Worldwide gained maximum exposure to our key audiences and through this activity we have secured the interest of a number of potential partners from several international locations, including South America, Asia and China, as well as across Europe," Professor Heywood says.

As well as the Going Global 2015 conference, Mrs O'Connor attended the launch of the Association of Commonwealth Universities (ACU) internationalisation community at the Houses of Parliament at Westminster. This new community group aims to bring university staff from across the association membership together to collaborate and discuss areas such as student and staff mobility, international campuses, and the internationalisation of curricula and research. Professor Heywood met with the Higher Education Academy team which was promoting its developing international activity and discussed how to

strengthen the link between Massey and the academy. As a new international partner, Massey's staff featured strongly in the academy presentations at Going Global, which added weight to its overall presence at the event.

In addition, Professor Heywood and Mrs O'Connor met with Kea New Zealand regional director for the United Kingdom and Europe, Tania Bearsley, to present on Massey University Worldwide. Professor Heywood also attended a workshop at the Royal Society and met with various representatives working across the international educational development sector.

Massey University Worldwide is about taking Massey people and their expertise to the rest of the world and is designed to meet the specific professional development needs of cohorts in targeted regions. Through developing partnerships with relevant international agencies, organisations and governments, Massey University Worldwide enables learners across the globe to have access to breakthrough New Zealand thinking and a unique learning experience. For more information about Massey University Worldwide, visit masseyworldwide.ac.nz

Date: 12/06/2015

Type: Internal Communication

Categories: Any



Call for nominations for Massey University Honorary Awards to be made in 2016

The Massey University Council Honorary Awards Committee is calling for nominations for honorary awards to be made in 2016. Nominations for an honorary degree or Massey University Medal may be made by any person with the support of a member of one of the following: Council, Professoriate or Academic Board.

The purpose of honorary awards is to recognise individuals of distinction who have made a significant contribution to the University, the nation or the public. An award is designed to both recognise the individual as well as enhance the reputation of the University. In 2016 special focus will continue to be placed on the centenary of the First World War and on the recognition of people who reflect major areas as highlighted in the strategic plan. This focus should in no way limit nominations around other areas of significant contribution.

Such awards are not given lightly and relatively few are awarded. Not all excellent candidates can be recognised and therefore those making the nomination and providing supporting documentation are asked to ensure that the person concerned is not aware that their name is being put forward for consideration by the Honorary Awards Committee.

The nomination process is in two stages as follows:

1. Preliminary nominations to be submitted for consideration by the Honorary Awards Committee at the 11 August 2015 or 29 September 2015 meetings where it will be decided which submissions should be progressed to a full nomination. Nominators will be advised of the Committee's decision.
2. Full nominations to be submitted for consideration at the 10 November 2015 Committee meeting. Successful nominees will receive their honorary award at the April/May 2015 graduations or a future ceremony.

A further call for preliminary nominations will be made in November 2015 with consideration of full nominations no later than the July 2016 Honorary Awards Committee meeting. Successful nominees will receive their honorary award at the 2016 end of year graduations or at a future ceremony.

Please refer to the [Regulations and Criteria for the Conferring of Honorary Degrees and Professor Emeritus/Emerita Titles and the Awarding of Massey University Medals](#).

For further information or advice please contact the Executive Secretary – Council at p.nicol@massey.ac.nz

Date: 12/06/2015

Type: Internal Communication

Categories: Any

Joint Massey winners of Japanese speech contest

The Massey University semi-final of this year's Japanese Studies Aotearoa New Zealand Tertiary Japanese Language Speech Contest was won jointly by Robyn Hwang and Nada El Hosseney.

The contest was held on May 25 at the Auckland and Manawatū campuses and both winners are second-year distance students from Auckland.

Ms Hwang spoke on the benefits of learning a second language, while Ms El Hosseney discussed specific aspects of Japanese culture that she enjoys. Both speeches contained informative and novel content and the speakers responded very competently to interviewers' subsequent questions

Their video-recorded speeches will be submitted to the final, where they will compete (digitally) with the winners from other New Zealand universities. Results will be known by mid-August and first prize in the final is a return air ticket to Tokyo – a prize donated by the Sasakawa Fellowship Fund for Japanese Language Education.

Date: 12/06/2015

Type: Internal Communication

Categories: Any



For football players, sometimes it is better to commit a foul than to give the other team the opportunity to score.

Incentives and penalties for unfair play

By Professor Christoph Schumacher and Nigel Espie

The Under 20 FIFA World Cup not only gives New Zealanders the chance to admire the football masterclass on display, but also the opportunity to garner some valuable business insights. This is the third article in a short series that looks at what businesses can learn from the beautiful game.

Football and business both involve situations when a team or company is on the defensive. In the context of business, this may involve a competitor releasing a new product, advertising aggressively, or gaining market share.

In football, being on the defensive often means the opposing team is on the verge of scoring a goal. The decisions facing footballers and companies when they are on the back foot are shaped by many things, including ethics, incentives and penalties.

In sports such as football, rugby, and basketball it is often better to commit a foul than to give the other team the opportunity to score. Wayne Rooney and Luis Suárez are two world class footballers that have both been sent off in playoff matches during a FIFA World Cup. While the red cards received by these players certainly went against the spirit of the game, another question might be whether the fouls committed were in the best interest of their teams.

To determine when a player has an incentive to commit a foul, Dutch researchers collected data from 340 Dutch football games in which only one player received a red card. The purpose of the research was not to advocate foul play. Rather, it was to evaluate from a statistical perspective when a player should risk being sent off in order to deny a clear goal-scoring opportunity.

Players need to consider two key factors when committing a foul: the time within the match and the likelihood of the other team scoring a goal if the foul is not committed. Having ten players on the pitch reduces the

expected number of goals that team will score while it increases the expected number of goals for the other team. And the earlier the red card, the worse this becomes for the team with ten players.

Wayne Rooney's red card in the 2006 World Cup quarter final against Portugal came in the 61st minute, leaving approximately one-third of the game remaining. Conversely, Luis Suárez's red card in the 2010 World Cup quarter final against Ghana occurred in the 122nd minute in extended overtime.

Meanwhile, as the likelihood of the other team scoring increases, committing a foul becomes progressively more worthwhile. Since penalty shots are made approximately 85 per cent of the time, it is rarely beneficial to commit a professional foul in the penalty box, unless the opposing team is almost certain to score.

Wayne Rooney's professional foul against Portugal occurred in the middle of the field in a relatively subdued period of play. The English team had strong numbers defending their goal at the time of the offence, meaning that there was almost no chance that Portugal would score if Rooney had not committed the foul. However, Luis Suárez's red card against Ghana involved Suárez using his hand to swat away a ball right in front of the goal. Without the intervention from Suárez, Ghana would have almost certainly scored.

When seen in this light, it becomes clear that Wayne Rooney's actions were not in his team's best interests. Conversely, while Luis Suárez's hand ball in the 2010 World Cup quarterfinal against Ghana certainly went against the spirit of the game, it is easy to see why he committed this professional foul on statistical grounds.

Company executives, like football players, also have to decide how to act when they are on the defensive. Even with the right expertise, ample capitalisation, and good market conditions, the entrance of a new competitor or the resurgence of existing competition can threaten a company's market share. The company then has to decide whether to simply strengthen its defence or tackle the opposition and risk a red card.

A defensive move could be to raise barriers to entry, which creates an economic moat around a company's business so that it has a solid defence for its competition. Two ways companies can establish barriers to entry are through product differentiation and switching costs.

Through differentiating a company's products from those of competitors, a company has the potential to develop brand loyalty among its consumers. However, for product differentiation to be effective, a company's products do not necessarily have to be markedly different from competitors' products.

An example of this can be seen by evaluating two of the most fundamentally similar, yet differentiated, products on the planet – Coca-Cola and Pepsi. Although Coca-Cola and Pepsi are in essence just different brands of cola soft drink, strategic marketing by both companies has created the perception that these products are markedly different. As a result, both companies have developed products that are worshiped by cult-like followings of consumers despite the products being innately similar.

Switching costs involve the expenses, inconvenience, and new learning that consumers would be required to make if they were to start purchasing another product. Perhaps the best example of a company that has developed large barriers to entry through high switching costs is Apple.

The Apple ecosystem, which involves products such as the iPad, MacBook, iPhone, iTunes and iPod, is intricately related. All of these products operate on Apple's iOS operating system, which differs greatly from the operating systems of competitors' products and all of these products and their respective files can be managed with Apple's iCloud. As a result, existing Apple users are often so invested in the company's products that competitors would need to offer crazy discounts for Apple users to consider changing products.

In the 2010 World Cup game against Ghana, Luis Suárez deliberately used his hands to swat a ball destined for the net. He was red-carded but his foul helped his team to win the match. Business, like football players, will also occasionally break the rules intentionally if it means a better chance of making money.

At the end of May, six overseas banks were ordered by US and UK authorities to pay US\$5.6 billion for foreign exchange rate manipulation. Traders representing the banks would meet in chatrooms to manipulate currency benchmarks used to peg foreign exchange orders from corporate clients. The manipulation resulted in the banks making money at the expense of these clients.

These traders certainly knew that colossal fines would occur if their collusive behaviour was uncovered but they proceeded anyway. Why? Because, just like for Luis Suárez, the incentives were right.

On average, US\$5.3 trillion worth of currency is traded on the forex market daily. Whilst US\$5.6 billion may seem like a big fine, it is miniscule compared to the potential profits these traders could have made if their behaviour had gone unnoticed for years.

But red card-worthy business behaviour not only happens overseas. In 2000 the Auckland High Court ordered Caltex New Zealand Limited, Mobil Oil New Zealand Limited and Shell New Zealand Limited to pay penalties totalling \$1.175 million for breaching the Commerce Act by price fixing. And come Easter, we regularly see individual companies defying the Easter trading laws as the additional profit outweighs the fines they have to pay.

In football, no match should be won as a result of a player deliberately committing a foul. Similarly, illegal behaviour in business should not be rewarded with a positive financial return. Businesses and footballers will continue to deliberately commit fouls until such a time that the incentives change.

In football, perhaps the referee should be able to award a penalty goal in situations when a foul prevents a certain goal from being scored. In business, the severity of fines needs to be substantial enough that businesses have a large disincentive to break the rules.

Christoph Schumacher is a Professor of Innovation and Economics and Nigel Espie is a Masters student at Massey University.

What business can learn from football series:

Article 1: [Scoring first and responding to change](#)

Article 2: [Strategic thinking when it really counts](#)

Date: 16/06/2015

Type: Features

Categories: College of Business



The 2015 winners of the New Zealand Global Enterprise Challenge present their business plan to the judges (L-R): Rebecca Gidell, Jasim Janah, Emma Murdoch, Josh Sowter, Hannah Monigatti, Paige Taylor and Omer Hazer.

Students' bright idea wins global challenge

Eight high school students have experienced their first taste of international business success as part of the winning team in the New Zealand leg of the Global Enterprise Challenge (GEC).

The New Zealand competition, which is run by the Young Enterprise Trust and sponsored by Massey University, was held at the university's Auckland campus at the weekend.

The students' team, mentored by BNZ Bank, won for their idea for a mobile exhibition space to teach young people about the uses of light in agriculture. The 2015 Global Enterprise Challenge was to design an innovative exhibition to inform communities about the effects of light on people.

Dr Jeff Stangl, a Massey University finance lecturer and GEC judge, said the 2015 challenge was one of the most difficult in recent memory.

"I have been coming to these weekends for eight years but when the challenge was announced I, like everyone else, sat there like a stunned mullet. It was a really difficult challenge, but you managed to pull it off," Dr Stangl told the students before announcing the winning team.

The team's exhibition included virtual reality rooms and a 'virtical farm', which showed how different coloured light sources could improve agricultural productivity in indoor farms.

"It was incredibly stressful and tested our ability to think outside the box on a topic we had no prior knowledge of," said Rangitoto College student Paige Taylor. "Considering the circumstances, I'm amazed at how well we worked together to come up with the solution we did."

Josh Sowter, also from Rangitoto College, said it felt "amazing" to take out the challenge after 12 hours hard work on their idea and business plan.

“We were doubting ourselves all day, questioning our idea. Then it was awesome to hear that we had won.”

Both students said their team had no heirachy so the win was a group effort. Mr Sowter was one of the three presenters in the team's video entry, as well as being responsible for the financials in the business plan, while Ms Taylor took on the role of marketing director.

“But we were all on the same level of leadership so all our decisions were made mutually,” she said.

The duo also say they intend to pursue business careers.

“I have had an interest in business for many years, but doubted my ability,” Ms Taylor said. “The GEC has helped to encourage me to use my skills and to believe in myself.”

Dr Stangl said it is amazing to see how the students develop their creative thinking and business acumen over the course of the weekend.

“The students who take part will be the next generation of entrepreneurs and leading our economy into the future,” he says. “Massey University has been a sponsor of the Global Enterprise Challenge for eight years because we feel it's really important to get involved and give enthusiastic young people opportunities to test their ideas.”

As part of its support for the event, Massey presented all students taking part in the Global Enterprise Challenge with a \$1000 scholarship towards study with the Massey Business School, and members of the winning team received a \$2000 scholarship.

The winning team was made up of:

- Rebecca Gidall, Nelson College for Girls
- Jasim Janah, ACG Parnell College
- Emma Murdoch, Villa Maria College
- Josh Sowter, Rangitoto College
- Hannah Monigatti, ACG Senior College
- Paige Taylor, Rangitoto College
- Omer Hazer, Cambridge High School
- Lewis Brown, John Paul College Rotorua

Date: 16/06/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business



Massey University Māori arts director Associate Professor Ngataiharuru Taepa, whose exhibition is being held at Pataka Art + Museum till September 6.

Exhibition celebrates 12 years of Kowhaiwhai

A major exhibition at Pataka art museum offers a comprehensive showcase of Māori Visual Arts lecturer Associate Professor Ngataiharuru Taepa's practice over the past 12 years.

Te Tini a Pitau: 12 years of Kowhaiwhai brings together twenty of Ngataiharuru Taepa's key works, selected from public and private collections throughout New Zealand.

One of New Zealand's most significant and innovative contemporary Māori artists, Mr Taepa has produced an impressive and remarkably varied body of work that ingeniously combines indigenous concepts with contemporary expression. He has fashioned a unique identity for himself in his exploration of the relevance of kowhaiwhai painting here today.

Of Te Arawa, Te Ati Awa and Pakeha descent, Mr Taepa is the son of renowned ceramic artist Wi Taepa. Fluent in Te Reo, he graduated in 2003 with a Master of Māori Visual Arts from Te Putahi-a-Toi at Massey University in Palmerston North, where he lectured in Māori Visual Arts from 2002 until 2014. Mr Taepa acknowledges as influences his fellow lecturers at the school including Kura Te Waru Rewiri, Robert Jahnke and Shane Cotton. Recently he was appointed Kaihautu, Toi Māori, Director of Māori Arts at Massey University, Wellington.

This year marks 20 years of Māori Visual Arts at Massey. The programme, established by Professor Jahnke, has proved highly influential in contemporary Māori art. Sandy Adsett, Kura Te Waru Rewiri, Wi Taepa, and Ngataiharuru Taepa are all graduates of the programme.

The exhibition *Te Tini a Pitau: 12 years of Kowhaiwhai* by Ngataiharuru Taepa is being held at Pataka art museum, corner Parumona and Norries St, Porirua, till September 6 2015.

Date: 16/06/2015

Type: University News



Caption below

Massey host Chinese food and drug officials

Massey University hosted a Chinese Food And Drug Administration delegation at the Manawatū campus earlier this month as part of its Global Food Safety Partnership facilitation role with the World Bank.

Massey director of business innovation and strategy Professor Hamish Gow hosted the New Zealand leg of the one-week trip, which included Hamilton, Palmerston North and Wellington as well as Canberra and Melbourne in Australia.

The purpose of the delegation's visit to New Zealand was to learn about the development and implementation of food safety regulatory systems within the agricultural and food sector.

Meetings, workshops, site tours and discussions were held with farmers, industry leaders and government agencies, including Fonterra Co-operative, Milk Testing New Zealand, the Primary Industries Ministry, Food Standards Australia New Zealand, AssureQuality and Price Waterhouse Coopers.

Back row (from left):, Massey Food Science and Technology Institute director Professor Harjinder Singh, College of Sciences Pro Vice-Chancellor Professor Ray Geor, Assistant Vice-Chancellor Operations, International and University Registrar Stuart Morriss, Professor Gow, Food and Drug Administration deputy director-general and delegation head Wang Kuiran, College of Health Pro Vice-Chancellor Professor Paul McDonald, Global Food Safety Partnership project manager Graham Robinson, Massey international programme development group head Dr Peter Jolly and supervision and evaluation division director Liu Jiannan.

Front row: Food Safety Science and Research Centre director Professor Nigel French, Professor Richard Archer, external co-operation division director Lili Cao, Massey agrifood business director Professor Claire Massey, supervision division directors Xiangdan Guo and Xiaoyu Li, supervision division deputy-director Jianping Sun, and Lulu He.

Date: 17/06/2015

Type: Internal Communication

Categories: Any



Dr Jeff Stangl in Massey University's Trading Room.

Massey hosts forum to discuss investor protection

The government's review of the Financial Advisers Act is something we should all care about, says Massey University senior finance lecturer Dr Jeff Stangl.

“Getting the legislation right potentially means the difference between investors – and that includes everyday Kiwis saving for their retirement or a house – protecting and growing their assets, or losing it all,” Dr Stangl says.

“That's why the Massey Business School has brought together all the key stakeholders. We need to find the right balance between protecting investors and not over-burdening financial advisors with costly red tape. This isn't a discussion for just the finance sector, it's something that should be important to the whole community.”

Dr Stangl has been a driving force behind a “community discussion” taking place at the university's Auckland campus next week. The Future of Finance is You event, jointly hosted by Massey and the largest New Zealand and international professional bodies (INFINZ and CFA), will feature an all-star panel to discuss how legislation can improve investor confidence in New Zealand's capital markets.

The panel for the community event, which is open to the general public, will feature retirement commissioner Diane Maxwell, chairman of the Shareholders' Association John Hawkins, managing director of ANZ Wealth John Body and representatives from key professional bodies.

The event aims to stimulate discussion in the run-up to the government's review of the Financial Advisers Act in 2016.

“The Financial Advisers Act was created in response to the global financial crisis in 2008, the largest financial meltdown in history,” Dr Stangl says. “Small New Zealand investors lost billions during that time through the collapses of Hanover Finance, Bridgecorp Holdings and South Canterbury Finance.

“The government is required by law to review the legislation in 2016 and we see this event as a critical part of that consultation process. Commerce and Consumer Affairs Minister Paul Goldsmith is attending and we want to discuss what is working and what isn't now that the initial legislation has been in place for six years.”

Panelists will give their perspectives on whether there needs to be a clearer distinction between advice and sales, how advice can be made more accessible, whether financial advisors should have higher education standards and whether more should be done to ensure financial service providers can pay compensation to consumers.

Event details: The Future of Finance is You

Date: Tuesday June 23, 2015

Time: 5.30pm – 8.30pm

Venue: Sir Neil Waters Building, Massey University Auckland campus (enter through Gate 1)

Cost: Free

Register: <http://bit.ly/FAA-forum>

Date: 17/06/2015

Type: University News

Categories: College of Business; School of Economics and Finance



First-year horticulture students touring the T&G facilities in Palmerston North

Hort leaders connect with students to grow industry

Although the number of horticulture students has increased, it is still not enough to satisfy demands. Now, industry leaders are connecting with Massey University to try and grow graduates in the sector.

Massey University offers the only horticulture degree course at university level in New Zealand. One of the partnerships it has is with Horticulture New Zealand.

Senior Business Manager at Horticulture New Zealand Sue Pickering gives a guest lecture to students taking the first-year Horticulture Production paper.

She says the horticulture industry earns NZ\$7 billion a year, of which NZ\$4 billion is from exports. Horticulture “has ambitious goals to grow” and “we need more highly skilled people in our workforce to make that happen.”

She says it has been encouraging to see the number of students increasing. “We need a range of graduates. They will typically become crop or orchard managers, or consultants, or go into a postharvest management role, like managing a packhouse or grower liaison for a big supply company.”



Student Regan McCorquindale (left) with T&G's Glenn DeGroot

Central regional manager of T&G (formerly Turners and Growers) John Crowther says graduates are the key to unlocking the future of the horticulture industry and is keen to connect with students. “We have seen the

value of having new people with different ideas and up-to-date skills. They provide innovation and help take the industry forward so it competes well in domestic and global markets.”

T&G are supplying fruit for a “fruit of the week” activity with Massey University students as well as giving them a tour of their Manawatū branch.

The collaborations were initiated by the first-year Horticulture Production course lecturer, Huub Kerckhoffs. Dr Kerckhoffs says it is a great way to start the week as it immerses them in the topic and helps them get the relevance of what is being presented.

Dr Kerckhoffs also says the fruit, vegetable and flower-growing industries cannot get enough of these students, who include several studying by distance.

“One student attended an industry conference recently and got three job offers while she was there. The industry is changing and taking more of a corporate approach, creating exciting career opportunities here and overseas. The roles include handling logistics, marketing, orchard management, exporting and so on. This means there are more skilled jobs that they need graduates for, and these young people can see some quick career progression.”

The growing interest in studying horticulture was highlighted at the National Horticultural Field Days in the Hawke's Bay recently with more than 300 secondary school students attending the Pick a Career in Horticulture Expo as part of the event.

T&G is one of a number of organisations providing scholarships for students – in their case offering grants worth \$10,000 each to three postgraduate students a year. The total value of scholarships offered to support horticulture and agriculture students at Massey reached over \$500,000 this year.

This year 75 students are enrolled in the first-year horticulture paper at Massey, studying on-campus or extramurally. The students do the production paper as part of a Bachelor in Agriscience degree, an Agricommerce degree or a Bachelor of Science majoring in Plant Science.

Date: 17/06/2015

Type: Features

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Extramural; Horticulture; Scholarships



Caption: Thomas Le Bas with a small selection of the New Zealand flag designs able to be viewed and commented on via his interactive web tool Flagpost.

Web tool lets public determine New Zealand flag

A School of Design master's student is challenging the flag selection process by devising a web tool that allows the public to feed their views back in a way, he says, the current government process does not.

Thomas Le Bas describes his web tool [Flagpost](#), as a space for people to have their say about the 3500 New Zealand flag design submissions before the four design finalists are chosen. More designs are expected before the July 16 deadline.

“Currently the public has very little meaningful input into which four flags they will get to vote on,” Mr Le Bas says. They have no options to interact with the design submissions in any way.”

The 12-member flag consideration panel has been tasked by September with choosing four alternative options based on all those submitted by the public, and based on New Zealanders thoughts on what they believe the flag stands for or represents.

The four options will then be voted on at a referendum in November-December, with the highest-ranked design then put alongside the existing flag for a final public vote in March 2016.

“How can 12 people fairly determine the four flags without taking into account the public's perceptions?” Mr Le Bas wonders.

He sees Flagpost as a tool for people to match their values with flag design submissions - something that is not possible in the official process.

Flagpost uses tags to help the public determine what a flag design represents to them, (whether it be about issues as varied as history, unity or multiculturalism) and provide feedback. It also lets them explore like-minded designs already submitted, and vote for their preferences.

“We want people's use of the platform to influence the decision and for it to become a hub of open, informative and inclusive debate over flag submissions,” Mr Le Bas says.

Flagpost is a collaboration with Springload, a New Zealand web design and user experience agency, and was devised through the Design and Democracy Project at Massey University's College of Creative Arts. This is the same partnership that developed On the Fence, a web tool to help make the voting process easier to navigate for first-time voters in the 2014 General Election.

“These insights will better inform the flag consideration process, and we will encourage the Flag Consideration Panel to use the public's responses through Flagpost to help determine the shortlist of flag designs,” Mr Le Bas says.

Design and Democracy Project project leader, lecturer Karl Kane, says the Flagpost project is a more inclusive way of addressing the flag selection debate. It shows that the emerging generation of designers are committed to creatively making an authentic and meaningful difference too, he says.

Date: 17/06/2015

Type: Research

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington



A Bachelor of Arts is perfectly tailored to the needs of current and future employers and employees.

Opinion: BA myth-busting overdue

by Richard Shaw

Medicine? Media Studies? Medieval Literature? Myths and misconceptions die hard in the university degree comparison stakes. Such choices can lead to feisty debates between parents and their offspring who are considering tertiary education about purpose, value and ultimately, jobs.

The risk of myths is that their perpetuation – such as in the tired old case against studying Humanities and Social Sciences – can mislead students into making choices that don't fit with their talents, interests and life goals, and that are out of touch with the reality of today's labour market.

But the truth about the real value of studying for a Bachelor of Arts (BA) is at last beginning to be heard and understood. The Rate My Qualification (RMQ) initiative announced in this year's Budget, which will allow employers and graduates to express their views on the relative merits of qualifications, will help in this myth busting.

True, to reduce the debate about the merits of a tertiary degree to employment considerations is to miss a large part of the point of studying at a university. On the other hand, the RMQ initiative will likely confirm the views of those who believe that a BA is perfectly tailored to the needs of current and future employers and employees.

This is not some fantasy dreamed up by academics. It is what job-brokers and graduates in the 'real world' – both at home and abroad – are telling anyone who cares to listen. For example, a mere nine per cent of employers in the lower North Island recently surveyed by Massey University's College of Humanities and Social Sciences said that a BA was not directly relevant to their needs. Instead, most employers valued the critical thinking, problem solving and communication skills that BA graduates possess.

Meanwhile, our own BA graduates tell us that the most valuable things they learn in their BA are the capacities to read closely, think critically, communicate clearly and construct a logical argument.

Our findings are consistent with research by the University of Phoenix's Institute for the Future, which has nominated the following abilities – to adapt to new ways of thinking, make sense of complex situations, think 'around' an issue from different points of view, and to be at ease in cross-cultural contexts – as critical attributes for the employees, and leaders, of the future.

It is little surprise, then, that a British Council survey released recently revealed that over 50 per cent of 1,700 leaders in private and public organisations in 30 countries have degrees in the Social Sciences and Humanities. Comparable New Zealand data is not yet available, but the evidence is that the pathway to leadership often includes a Bachelor of Arts or a Master of Arts.

In short, the facts now support what Humanities and Social Sciences educators and graduates have long known: that across the spectrum – from community organisations, corporates and classrooms; governments and councils; health providers and services agencies to media, creative industries, and business – we need people who can think critically, creatively and flexibly. We need people who can analyse issues astutely; who are technologically savvy; who can design ethical, sustainable solutions to challenging local or global problems; and who display both empathy and leadership in their working relationships.

In the context of a rapidly changing and increasingly diverse world – super diverse if you live in Auckland – think of the BA as the intellectual infrastructure that complements the physical infrastructure we need to move ahead confidently as individuals and as a nation. Just as we need ultra-fast broadband and efficient transport networks, so too we need people who can cope with uncertainty, diversity, unpredictability and complexity.

So the next time someone tells you a BA won't get you far, invite them to take a look at the RMQ project. It's probably time their views were gently ushered into the 21st century.

Associate Professor Richard Shaw is Massey University's Director BA (External Connections) in the College of Humanities and Social Sciences.

Date: 18/06/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Feature; Opinion Piece; School of Humanities; School of Psychology



*TA*ssociate Professor John Kirkland (seated) with colleagues at Middle Eastern Technical University in Ankara

Turkish families gain from Massey research tool

Families in Turkey are benefiting from a Massey University human development researcher's tool that identifies attachment patterns between toddlers and parents.

This early relationship assessment tool, known as the TAS45 (Toddler Attachment Sort with 45 items), was developed by Massey University Honorary Research Fellow John Kirkland, and his colleagues. Dr Kirkland has been an Associate Professor in the former College of Education for 35 years.

Just over a year ago a research team from Middle Eastern Technical University in Ankara enquired about adapting the tool for a longitudinal study.

Interactions between two-year-old toddlers and parents are noted by an impartial unfamiliar observer, then recorded and analysed using the TAS45. The method not only describes the current situation but also indicates what may be done to improve it and monitor any progress, Dr Kirkland says.

“Using this method it is possible to identify toddlers heading towards a dysfunctional future — an important point for utilising government resources wisely,” Dr Kirkland says. “As with many European countries, Turkey has a big influx of cross-border immigrant families and separated toddlers.”

The tool had been used for a major longitudinal project in the United States involving almost 10,000 families about a decade ago, as well as in other studies, and has been documented in several academic papers.

When Dr Kirkland suggested he could visit and assist with translating and extending the item set and validating a Turkish version of the tool, a grant was secured from a Turkish Science Foundation for a five-week visit last year for a collaborative effort to develop and field-test the Turkish version, renamed as the TTAS60.

The Turkish team reports their first project is well underway and data will be available in the near future, says Dr Kirkland.

Dr Kirkland, who developed the tool with Dr David Bimler – also an Honorary Research Fellow – and Andrew Drawneek, worked with staff and graduate students at Middle Eastern Technical University's Psychology Department in implementing the project in January.

“The Turkish team is collecting data for the first of many important longitudinal studies, including our segment, which is about how parents/caregivers interact with toddlers under their care.

“The most exciting part of this work, from a methodological view, is that it offers social scientists a radical innovation for collecting data via smart phones and tablets economically, efficiently and expeditiously,” he says.

Items on TAS45 for observing toddler interactions with parents include behaviours that appear to be universal across cultures. It is not only the careful selection of items that is important, but how these are analysed, using a customised set of procedures developed by the Massey team. TAS45 includes items such as:

- If asked, lets friendly adult strangers hold or share toys.
- Hugs and cuddles against mother without being asked to do so.
- Sometimes freezes still in an unusual position for a few seconds.
- Is independent, even when upset.
- Is very clingy, stays closer to mother or returns more often than simply keeping track of mother's whereabouts.

Caption: Associate Professor John Kirkland (seated) with academic colleagues at the Middle Eastern Technical University in Ankara, viewing complex data through 3D glasses.

Date: 18/06/2015

Type: Research

Categories: College of Education; College of Humanities & Social Sciences; International; Research

Massey staff raise over \$600 for Oxfam

A fundraising morning tea held recently at Massey University, as part of a national fundraising drive, raised more than \$600 for Oxfam.

Organised by Jane Terrell and Vanessa van der Ham from the Centre for Teaching and Learning based in the library, the morning tea offered a variety of baked goods supplied by team members.

More than 40 Massey staff members supported the initiative, which will go towards supporting some of the poorest people in the world.

Manager of the Auckland campus Centre for Teaching and Learning Ken Cage says he is proud of what the team managed to achieve.

“We originally set out to raise enough money to organise a technical organic agriculture course for 20 tea farmers, to provide a healthy and profitable alternative to fertilisers and pesticides.

“We ended up raising almost double our original target. \$600 can provide 10 families with enough organic rice to grow for an entire year and create a sustainable food source and income,” he says.

For more information on Oxfam's work, visit the [website](#).



Jane Terrell and Vanessa van der Ham at the Oxfam morning tea

Date: 18/06/2015

Type: Features

Categories: Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Feature; Music and campus life



Associate Professor David Parsons

Novel follows family history after WWI

A Massey University information technology academic has published his first novel – set in New Zealand after World War I and based on his own family history.

Originally from the UK, Dr David Parsons is an Associate Professor in the School of Engineering and Advanced Technology (SEAT) at the Auckland campus, where he is usually found lecturing and researching information technology. His background in IT proved an added bonus when it came to researching and self-publishing the book.

Kinross Flat is largely set in Otago, and follows the experiences of the protagonist, Marty Pawson, who uncovers family secrets and a tragic and unknown past

“The book is based loosely on the story of my great aunt, who married a New Zealand soldier in England in 1919 and came back with him to Otago,” Dr Parsons says.

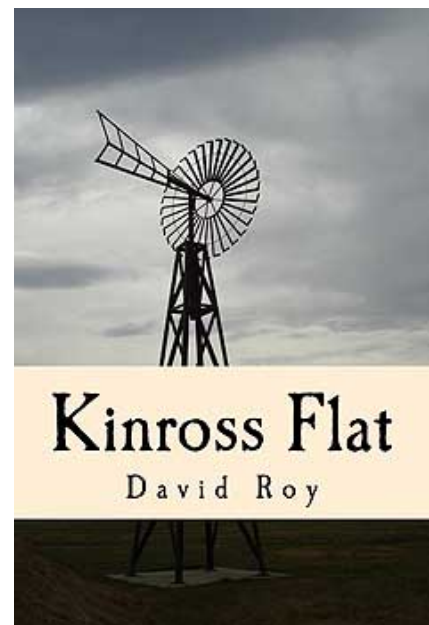
“A couple of summers ago I went down to South Island to find my great aunt's grave. While on my journey I began to feel that I wanted to record the experience somehow, and started doing some background research. Over time my notes and recollections began to turn into a novel,” he says.

“I learned a great deal while writing the book, and it was also very enjoyable. Once I started researching New Zealand history I got totally absorbed in the process. There is so much material online, from army records to death registries, passenger listings on troop ships and family histories on the web, not to mention the huge resources at Archives New Zealand and the Wellington Central Library.”

Dr Parsons also found the process of self-publishing a fascinating experience.

“Although I've published several text books with traditional publishers, I'd not previously looked at print-on-demand and Kindle. It was a very interesting process to create a book entirely independently using software tools that Amazon CreateSpace provides for free. As an academic in IT, it was a useful reminder of the amazing power and reach of the web,” he says.

Kinross Flat is published under the pen name “David Roy” and he has set up an info page on the book's background and where to buy it [here](#). He will also be selling copies of the book at the New Zealand Independent Book Festival at the North Shore Events Centre in early October.



The cover of new novel Kinross Flat

Date: 18/06/2015

Type: Features

Categories: Alumni; Applied Learning; Auckland; College of Humanities & Social Sciences; College of Sciences; Creative Arts; Feature; National



Massey University commercialisation manager Russell Wilson (left). Specim product manager Petri Nygren and Adept Turnkey chief executive Marc Fimeri with the hyper spectral imaging system.

Technology key to future of agriculture

Attendees at this year's National Fieldays see technology as the driver of future agriculture in New Zealand.

Head of Massey University's Institute of Agriculture and Environment says the advantages of technology are two-fold. "Not only can new technology increase efficiency by decreasing labour and time but it can also allow for more environmentally sustainable management of farms."

The crux however, according to Professor Kemp, is combining technology and know-how – "that's when you have some powerful ammunition".

"Many farmers for example are already using feed pads to stand cows off the pasture during and after feeding to reduce the amount of nitrate leaching from urine deposited in the paddock. This system would not function effectively without farmer knowledge of how long cows need to be on pasture to be properly fed, and the timing of their daily activities."

What's the future of NZ agriculture? | Massey University



Massey University had their own technological advances on show including a new state-of-the-art aerial imaging tool.

The half a million dollar Fenix hyper spectral imaging system is part of a Primary Growth Partnership programme between Ravensdown and the Ministry for Primary Industries (MPI) – the aim of which is to improve how fertiliser is applied to hill country.

Other Massey expertise showcased at Fieldays included the latest in sheep dairying and extruded “chip” products made from vegetables.

Date: 18/06/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; Explore - Agriculture/Horticulture; Innovation; School of Veterinary Science



With the 2014 Supreme Award winners from Sealord Group (from left to right): Steve Maharey, Matt Mays, Melissa Semmens, Joel Bourke, Gavin Kouwenhoven (Sealord Group), Tim Groser.

Opinion: Food industry success vital to New Zealand's future

By Steve Maharey

Food is an integral part of life, and New Zealand has carefully cultivated a global reputation for food quality and safety. The rise in popularity of so many cooking shows both here and overseas indicates that people are keen to learn about the value of excellent products to make memorable food. This is a good thing.

The food industry runs the gamut from farm gate to plate, with investment in manufacturing, product development, sustainability programmes and food safety regimes to ensure the very best of products are available to customers globally and domestically.

We are the largest exporter in the world of dairy products and lamb, and a major exporter of beef, apples, kiwifruit, seafood and wine. But we are more than just what comes from the soil.



The 2014 NZ Food Awards Gala Dinner

Over the past 50 years Massey University has developed a world-leading food technology programme, matching science with food to create innovative products that fulfil a need. With the global population aging, the value of this programme will continue to show itself as smart foods and "neutraceuticals" that deliver food in new, more palatable, ways for the consumer.

Given the speed at which the world is changing, and the way that technology is playing a greater role in everyday life, the food industry may seem quaint by comparison, but in reality these industries are interdependent. The innovation needed by the food industry can be supported by great technology – and in this way we build on our previous successes as we identify key markets to grow New Zealand's reputation in the agrifood and technology space.

But we're not so good a celebrating that success; standing up and showing just why our products are innovative. Sometimes it could be something as simple as clever packaging – like the Hawke's Bay company Rokit Apples, which created demand for miniature apples packaged in a tube like tennis balls, and sold them at Wimbledon. Rokit Apples went on to win the KPMG Food Enterprise Innovation Award at the 2010 New Zealand Food Awards and recently opened a multi-million dollar state-of-the-art packaging facility in Havelock North, as part of a \$17 million dollar investment in the region.

Since the inception of the New Zealand Food Awards in 1987, Massey University has led the charge celebrating New Zealand's biggest export industry and we are proud to do so. Value-added premium quality products are where New Zealand's future lies and these are the premium awards for the food industry, with entrants ranging from small start-up artisan producers to some of our largest manufacturers.

Entrants' products and processes are subjected to a rigorous judging process by industry professionals for each category. They are offered valuable feedback as well as additional exposure to the strategic partner group who work together to bring their expertise to the table, focused on improving the industry. In some cases, it is also a chance for regional producers to highlight the great work being done in and around their base.

Entries for the 2015 New Zealand Food Awards close on July 10. Now is the time for companies to stand up, show how far they have come and celebrate success. For more information, visit the [NZ Food Awards website](#).

Date: 18/06/2015

Type: Features

Categories: Alumni; Applied Learning; Awards and appointments; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Explore - Agriculture/Horticulture; Explore - Food; Explore - HEALTH; Feature; Horticulture; Innovation; International; National; Opinion Piece; Palmerston North; School of Food and Nutrition; Vice-Chancellor



Professor Stuart Carr with colleagues from Tshwane University of Technology and Kliptown Youth Programme, Soweto

Massey man honoured for global poverty research

A Massey psychologist has been honoured internationally for his research tackling the intractable issue of reducing global poverty.

Professor Stuart Carr, an industrial and organisational psychologist in the School of Psychology, has been awarded a Fellowship to the Society for Industrial and Organisational Psychology (SIOP) at its annual conference in Philadelphia.

He was recognised as “a thought leader and key driving force for the evolution of Humanitarian Work Psychology which promotes humanitarianism and social advocacy on a global scale.”

His global research on work-related humanitarian issues have been embraced at the highest levels through the United Nations, the International Labour Organisation (ILO) and the Organisation for Economic Cooperation and Development (OECD).

Professor Carr has spent over 25 years showing how everyday workplace dynamics impact global and local poverty, and poverty reduction. His work has led major international organisations to change their remuneration schemes for international and local workers, to improve motivation and decrease dependence on aid.

Dubbed by his peers as the world's leading psychologist applying organisational and social psychology to the challenges of poverty reduction, Professor Carr says his recent award is encouraging for others working in the field. He says it signals the extent to which his profession is contributing to “empowerment at work, sustainable livelihood, and to global poverty reduction.”

He says the fellowship is “a big personal honour,” but adds; “most of the outcomes have happened through team work.

“Collectively, for example, our teams have helped to highlight the injustice of ‘dual salary’ systems that are funded globally, and which pay expatriate versus in-country workers radically different wages, even though they are often equally qualified and experienced. More recently, in conjunction with MPOWER at Massey University, we have been looking at the humanitarian work psychology of living wages, and whether there is an evidence-based business case for shared prosperity.”

He is inspired by working closely with like-minded colleagues, for example, in the newly formed End Poverty and Inequality Cluster (EPIC) in the School of Psychology, and before that the Poverty Research Group.

“Many people are drawn to study psychology precisely because they want to work with people, and to make a useful contribution towards a better quality of life. This human focus has been a guiding motive throughout my own career,” he says.

He is currently in South Africa, under a Memorandum of Understanding with Tshwane University of Technology, working with its Department of People Management and Development on living wages in South Africa and New Zealand, and their contribution towards poverty reduction. He is also working with the Kliptown Youth Programme, a local organization, which enables education for children from the Kliptown Squatter Camp in Soweto.

Professor Carr says there is a “huge, unmet demand” for transferring theory and research on poverty reduction and sustainable livelihood into policy and action by companies, supply chains, multinational and multilateral organizations, joint ventures, small to medium enterprises, education and health departments in government and the private sector.

In alignment with the launch later this year of what he describes as the United Nations' “most ambitious and integrated plan for human development ever conceived,” the EPIC team is aiming to create a new international 180-credits Masters qualification.

Named “Psychologies of Sustainable Development”, it will create new pathways for bringing about change. The degree will cover all 17 of the United Nation's Sustainable Development Goals, ranging from enabling sustainable health and education to promoting decent work.

Last year, Professor Carr was made a fellow of the Royal Society of New Zealand.

Date: 18/06/2015

Type: Awards and Appointments

Categories: Home Page article; Applied Learning; Auckland; Awards and appointments; College of Humanities & Social Sciences; Explore - HEALTH; Feature; International; MPOWER; National; Research; School of Psychology



An experiment in the large-scale eruption simulator

Natural hazard research gets funding boost

Massey University geologists Professor Mark Bebbington and Dr Gert Lube have been granted \$580,000 to investigate natural hazards in New Zealand.

Professor Bebbington, a geostatistics specialist, is taking the first steps towards a national-level volcanic hazard model. Using a probability model, he and his team will try to predict the time and size of the next eruption at each of New Zealand's volcanoes. This model will be based on historical records from similar volcanoes worldwide. This will allow them to compare the present risk from volcanoes to other natural hazard risks, for example, that from earthquakes.

Dr Lube, a senior research officer in Volcanic Risk Solutions, specialises in the dangerous interior of volcanic pyroclastic surges. Together with Dr Jonathan Procter from Massey and volcanologists from the University of Otago, GNS Sciences and natural hazards specialists from the United States and Italy, he will use the large-scale eruption simulator at the Manawatū campus to understand what happens to infrastructure when hit by a volcanic current.

The funding is part of \$3.2 million allocated under the Natural Hazards Research Platform, a collaboration between crown research organisations and universities.

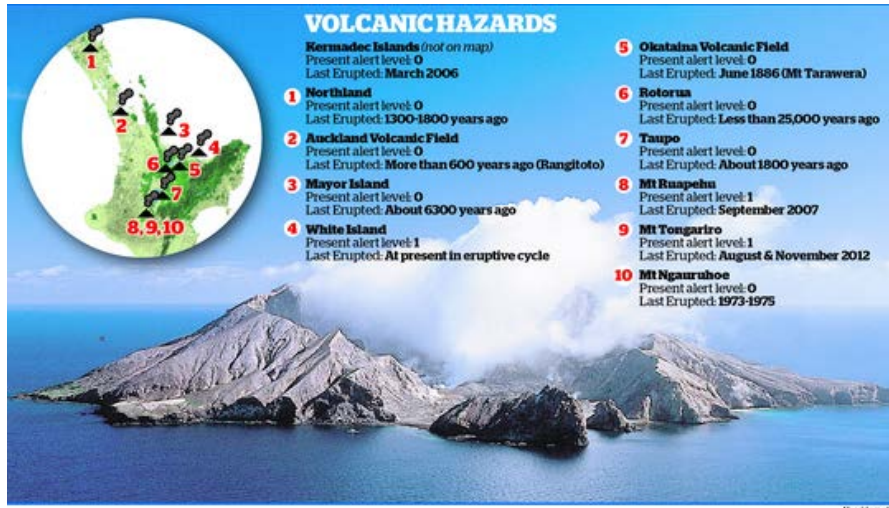
In a statement today, Science and Innovation Minister Steven Joyce said: "The 13 successful proposals demonstrate exceptional science quality and the presence of emerging researchers with excellent track records. The projects will augment existing platform research and will strengthen or lead into new areas of research of national significance."



Professor Mark Bebbington

The Natural Hazards Research Platform encompasses five themes: building geological hazard models, predicting weather flood and coastal hazards, developing regional and national risk evaluation models, improving societal resilience, and improving the resilience of buildings and infrastructure.

See the NZ Herald article here:



Dr Gert Lube

Graphic courtesy of NZ Herald

Date: 19/06/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Sciences



Caption: Part of the interior of the newly-refurbished Wellington campus library that won top prize in the education category of the Wellington Architecture Awards.

Wellington campus refits win architecture, property awards

Massey University's newly-refurbished Wellington library has won top prize in the education category of the Wellington Architecture Awards.

Designed by Athfield Architects, it provides spaces to meet the creative and collaborative needs of students from the College of Creative Arts, while ensuring students from humanities, health sciences and other disciplines have spaces to complement their learning.

Stage one of the refurbishment project involved the expansion of the library's level B floor area, the installation of a new lift and a radical refurbishment of existing spaces.

Stage two works featured the refurbishment of Level A, including the main library service point and information centre and the integration of the campuses Centre for Teaching and Learning.

Judges, led by convenor and Wellington architect Arindam Sen, praised how the library's collection, its reading rooms and group study areas represented more open and flexible spaces that also connected staff and students "breaking down the usual barrier between librarians and students, and reinforcing the openness of the library".

Its use of colour was also acknowledged with judges noting "the colours used have created a youthful and elegant space that is enjoyable to inhabit".

The library project, along with other award winners, will now be considered for the 2015 New Zealand Architecture Awards to be announced in November.

Meanwhile, Arrow International's refit of space in Block 3 for the School of Public Health, Wellington has been honoured at separate awards held in Auckland.

The school was given an excellence award in the education and arts category of the Property Industry Awards 2015.

The Property Council New Zealand Rider Levett Bucknall Awards, are an annual celebration of excellence in property development.

Date: 19/06/2015

Type: Awards and Appointments

Categories: College of Creative Arts; Explore - HEALTH; Library; School of Health Sciences; Uni News; Wellington



Factory Hands in Fancy Dress, Waiteika Road Dairy Factory, 1917 (Feaver Studios/courtesy of collection of Puke Ariki)

Women cheese-makers part of Taranaki life in WWI

One hundred years ago it was not considered respectable for farmers' wives to work on the land. But heavy duty farming tasks and cheese making in local factories became women's work during the First World War, says Massey University historian Associate Professor James Watson.

He is giving a public lecture on June 24 at New Plymouth's Puke Ariki Museum as part of its' exhibition, *Bringing it Home: Taranaki and World War One*.

Dr Watson says the 'home front' in Taranaki reflected some of the major issues that affected New Zealand during the First World War. His lecture, *Keeping the home fires burning in Taranaki during the First World War, 1914-18*, will explore aspects of local life during the war.

"As a major farming area, particularly in dairying, it was forced to adapt to shortages of labour while benefiting from high wartime prices," he says.

With around 100,000 mostly young, single men from a total population of just over one million volunteering for military service in the First World War, farming regions such as Taranaki underwent significant changes and challenges in order to adapt to the loss of male workers, he says.



Associate Professor James Watson

With many men gone, women had to turn their hands to the tough jobs in the absence of farmworkers, sons, brothers and, sometimes, husbands.

The wartime labour shortages also meant other women abandoned badly paid work as domestic help or in factories to step into better paid, more pleasant clerical and shop jobs. Some even moved to Wellington – a boomtown during the war – for clerical jobs in the public service. And others learned to become cheese makers in local factories – work that had been a male-only domain until the war.

While fewer Taranaki Māori volunteered for military service than in other parts of New Zealand due to a legacy of the bitter conflicts and land confiscation of the previous century, many were able to get jobs previously done by single Pākehā men who'd gone to war in Europe, Dr Watson says.

Another feature of wartime life was small bush camps in remote areas around Mount Taranaki. These were refuges created by young men escaping conscription from 1916 who didn't want to forgo their freedoms by joining the army. Some had political or moral beliefs that were incompatible with going to war.

Among other themes he will cover will be the severe popular discontent over issues such as the spiralling cost of living that led to an Independent Labour candidate winning the Taranaki by-election in 1918.

A specialist in the history of the First World War, Dr Watson is currently seconded to the Centenary History of New Zealand and the First World War Project run jointly by Massey's School of Humanities (with Project Leader war historian Professor Glyn Harper), the Ministry for Culture and Heritage, the New Zealand Defence Force, and the Returned and Services' Association.

Dr Watson has been researching the impact of the war through diaries, letters and other archives held at the Alexander Turnbull Library in Wellington and the War Memorial Museum in Auckland, as well as newspapers from throughout New Zealand.

Date: 22/06/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Defence and Security; Feature; School of Humanities



The Nanny Bear

Nanny Bear: the cute, smart baby monitor

Baby monitors have gone high-tech thanks to a prototype developed by Massey University's School of Engineering and Advanced Technology. The Nanny Bear is a teddy bear fitted with sensors which detect ambient temperature, humidity, brightness and sound intensity – all in a cute, fluffy package.

The bear connects to an application on the parent's phone or tablet device which alerts them when, for example, it gets too hot, humid, bright or loud. These warnings continue to pop up every five minutes until the problem is resolved.

As well as monitoring, Nanny Bear has a light-emitting diode (LED) that can fade as the baby falls asleep and a speaker to play a lullaby at the same time. It can also store and graph information from the last day so parents can monitor how the temperature changed in the baby's room overnight or how well baby slept.

The bear was developed by two students, Audrey Loiseau and Ben Lancinot, who are visiting Massey University from ESEO Institute of Science and Technology in France. Working together with Chair in Computer Science Professor Hans Guesgen and Lecturer in Information Technology Dr Rachel Blagojevic, they saw potential in a simple module system.

“The module could originally be used as a weather station” explains Ms Loiseau, “but we wanted it to have a more practical application.”

She says her and Ben's expertise are perfectly matched. “I really enjoy developing the front-end applications, whereas Ben likes the hardware



Professor Hans Guesgen

side of things. This project let us do both.”

Project co-leader Dr Blagojevic says this technology goes way beyond the traditional baby monitor. “As well as telling you about the state of your baby at a particular time, you might find the room gets quite humid or cold at night, as is often the case with kiwi homes. Nanny Bear gives you this information so you can do something about it.”

“Also, a lot of my friends are doing sleep training. You could use Nanny Bear to find out when and for how long your baby was awake at night.”

Currently, Nanny Bear is a prototype but Professor Guesgen says there is potential to commercialise it after further research has been done.

“The aim is to make the app more intelligent, for example by enabling it to learn certain behavioural patterns.” Professor Guesgen says. “For instance, if the parents always react to the baby making noise for more than a few minutes by switching on the night light and playing a lullaby, the app could perform these actions automatically.”

“There are also a lot of open human-computer interaction issues that have to be researched (like which information should be displayed and how, how to best control Nanny Bear, and so on). The latter is where Rachel's expertise comes in, while I am more interested in making the app act in an intelligent way.”



Dr Rachel Blagojevic

See the One News item here:



Date: 22/06/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - Engineering; Innovation; Research - 21st century



Driving off sparrows by Teisuke Chiba c. 1943

Japanese photographic exhibition comes to Albany

An uplifting exhibition of 123 photographs showing aspects of the Tohoku region in Japan before its devastation by the 2011 tsunami and earthquakes, will open in Auckland on July 11 at Massey University's Auckland campus library.

TOHOKU: Through the Eyes of Japanese Photographers is a Japan Foundation travelling exhibition featuring photographs of the region taken by nine individual photographers and one photographers' group.

The photographs range from images taken in the 1940s through to just before the devastating tsunami and earthquake, allowing visitors a glimpse of the region as it used to be.

Auckland campus registrar Andrea Davies is delighted to host the exhibition in Auckland.

“Massey University was the first university in New Zealand to offer Japanese language courses, so hosting this wonderful exhibition on campus is truly fitting. We are delighted to welcome people from all over the wider Auckland region to experience this fantastic exhibition in our library.”

The new Consul-General of Japan in Auckland Mr Yoshitaka Yokoyama will be attending the opening reception on July 10, prior to the public opening of the exhibition on July 11. He hopes it will open a window on the Tohoku region's beauty before the earthquake and tsunami hit.



Around Inagaki by Ichiro Kojima c. 1960

“The great earthquake that assaulted Japan on March 11, 2011 devastated the Tohoku region. I will never forget how quickly New Zealand answered with waves of sympathy and support for the recovery effort – even though New Zealand had just had its own disaster with the Canterbury Earthquake. The media coverage of the destruction made many people familiar with the names of Tohoku cities and prefectures, but I believe few are likely to have a broad knowledge of other aspects of the region - its climate, natural and cultural environment, history, way of life, or people,” says Mr Yokoyama.

“This exhibition does not attempt to document the damage or recovery but instead uses photography to show the natural and cultural environment of Tohoku along with its people and their way of life. By presenting the viewpoints of highly individualistic photographers, this exhibition aims at introducing many fascinating aspects of Tohoku to the people of the world. I hope the brilliant artistic expression of these talented Japanese photographers will familiarise New Zealand people with this region.”

The exhibition was curated by photography critic Kotaro Iizawa, and shows the varied faces of the Tohoku region, in the north-east of Honshu. The region is divided into six prefectures: Aomori, Iwate, Akita, Yamagata, Miyagi and Fukushima. It is known as the centre of the Jomon culture, which was developed by some of the first people living in Japan.

Known for the flame-like forms of its pottery, this culture flourished in Tohoku between 15,000 to 3000 years ago before the centre of political power and culture shifted to Nara and Kyoto in western Japan. However, aspects of the Jomon culture and spirit have survived.

Teisuke Chiba and Ichiro Kojima photographed Tohoku in the 1950s and 1960s, while Hideo Hega, Masatoshi Naito and Masaru Tatsuki recorded festivals and folk religious rites throughout the region. Hiroshi Oshima and Naoya Hatakeyama combined their personal histories with the landscapes of their home regions. Meiki Rin turned his camera towards the beautiful natural environment, while Nao Tsuda searched for the source of the Japanese spirit in relics and artifacts of the Jomon period. A group of photographers, led by Toru Ito, created the Sendai Collection, comprising a series of photographs of anonymous scenes in Sendai, Miyagi prefecture.

The exhibition has already been displayed in Christchurch's Artbox Gallery, and the Wellington Central Library before coming to Auckland. It is free to visit and parking is available on campus.

Event details:

Venue: Massey University Library, Auckland campus, Albany

Exhibition opens: July 11

Exhibition closes: July 29

Hours: Mon-Thurs 8-11 am, Fri 8am-8pm, Sat/Sun: 10am-8pm

Cost: Entry is free and parking is available on campus

For more information, visit the [website](#).

Date: 23/06/2015

Type: Features

Categories: Home Page article; Alumni; Auckland; College of Humanities & Social Sciences; Creative Arts; Exhibition/Show; Feature; International; Music and campus life; National; School of Humanities; Uni News



A scene from the short film Madam Black

Massey scriptwriter's second film in NZ competition

Madam Black, a short film written by Dr Matthew Harris, a tutor at Massey University's Auckland campus, will appear in the New Zealand's Best Competition at the New Zealand International Film Festival next month.

Described by well-known film director and selector Christine Jeffs as "a sweet and quirky tale, which abounds with charm and humour", the film tells the story of a wayward glamour photographer who runs over a child's pet and is forced to fabricate a story about its disappearance.

The 2015 film directed by Ivan Barge and set on Auckland's North Shore features actors Jethro Skinner and Pearl Everard. It recently had its world premiere at the Chinese Theatre in Hollywood at the Dances With Films Festival, where it won the Industry Award and an honourable mention in the Competition Shorts.

"It's great to have the New Zealand premiere so soon after the international release," Dr Harris says. "The New Zealand's Best event is a great occasion which always has a sell-out crowd – it really shows the public appetite for short-form storytelling."

He likens the popularity of the New Zealand International Film Festival competition – and of other short film festivals around the country – to the recent trend in hors d'oeuvres-style dining.



Dr Matthew Harris

“Seeing half a dozen short films is like the tapas of movie-going. Taking slices of life from different plates can be incredibly filling, and it encourages more conversation because you’re not locked into one long narrative. They’re great to go to with friends.”

This is Dr Harris' second appearance in the festival's New Zealand's Best line-up. His award-winning short film 43,000 Feet also featured in the competition in 2012. It travelled the international festival circuit from Tribeca in New York to the Clermont-Ferrand festival in France, accruing various awards and nominations. His last collaboration with director Ivan Barge, *Snooze Time*, had over 140,000 views in its first week online.

Alongside tutoring at the School of English and Media Studies, he is currently working on a feature-length fictionalised documentary about the curious history of the Christmas carol *O Holy Night*, which was allegedly written by a professed atheist.

Dr Harris graduated with a PhD in New Zealand fiction at Massey's Auckland campus in 2012. Find out more about his work [here](#), and a blog on his films [here](#).



Film poster

Madam Black will screen on Saturday, July 25, 6.15pm at Sky City Theatre. Tickets for the event go on sale at 9:00am, Friday, June 26 from Ticketmaster or: <http://www.nziff.co.nz/2015/auckland/new-zealands-best-2015/>. Click [here](#) to see the trailer.

Date: 23/06/2015

Type: University News

Categories: Auckland; College of Humanities & Social Sciences; Creative Arts; Uni News



New Zealand Sea Lions are now listed as endangered. Photo courtesy of Carlos Olavarria.

Massey marine specialist helps threatened species

Massey University marine mammal specialist Dr Louise Chilvers has contributed to an international conservation report finding that New Zealand sea lions now meet the criteria as an endangered species.

Institute of Veterinary, Animal and Biomedical Sciences Dr Chilvers worked as part of the International Union for the Conservation of Nature (IUCN) Pinniped (Seal) Specialist Group to update the IUCN Red List – the list that details the conservation status of plant and animal species.

The list has bumped the New Zealand sea lion, which is already one of the rarest sea lions in the world, from vulnerable status to endangered.

Dr Chilvers says there are many factors contributing to the species' decline, including disease, habitat modification by fishing, resource competition with commercial fisheries and accidental death as a result of bycatch. In addition, commercial hunting in the early nineteenth century means the species were already at a disadvantage.

She hopes the list will encourage the government into action to stop the sea lion decline. "New Zealand sea lion numbers have declined by 50% in the last 15 years. If they continue to decline at this rate they will be extinct in our life time"

Dr Chilvers, who now works as part of the Oiled Wildlife Response Team, was chosen to carry out the assessment for the New Zealand sea lion because of the extensive research she has undertaken on the species including her expertise in pinniped population ecology and foraging behaviour.

The IUCN Red List aims to establish a baseline from which to monitor the change in status of species, provide means of conserving species at a local level and monitor the status of a representative selection of species that cover all the major ecosystems of the world.

For more information about IUCN Red List see [here](#).

Date: 24/06/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; School of Veterinary Science



Massey University's Joint Centre for Disaster Research from the School of Psychology and the Leptospirosis Research Team from the Institute of Vet, Animal and Biomedical Sciences have offered tips for dealing with stress as well contaminants from the weekend's flooding in parts of the central and lower North Island

Tips for dealing with stress, contaminants from flooding

Massey University emergency management specialists from the Joint Centre for Disaster Research have offered online [tips](#) to help people deal with the psychological impact of the floods in Whanganui and other parts of the central and lower North Island.

The enclosed link provides fact sheet information for dealing with disasters ranging from: coping with stress after emergencies, helping children and adolescents and a guide for those who know of someone who has endured a traumatic experience.

While it was prepared in the aftermath of the Canterbury earthquakes, Associate Professor Sarb Johal says the advice is applicable for people affected by flooding at the weekend in Whanganui, Taranaki, Manawatu and the Kapiti Coast.

The fact sheets are accompanied by short video presentations by Dr Johal, including one relating to another flood-struck community, at Matata in the Bay of Plenty, which in 2005 was devastated by floods and subsequent landslides.

In the aftermath of this event, Dr Johal says the community felt the focus was on the physical recovery and reducing the further exposure to hazard, and they did not feel their emotional needs were being addressed.

The resources contained in this link below are intended to offer guidance toward addressing such needs.

Meanwhile, members of Massey University's Leptospirosis Research Team have offered advice on avoiding potential outbreaks of infectious diseases, including [leptospirosis](#), arising from flooding.

In 2004 floods in the lower Manawatū showed how the transmission of leptospira, a bacterial disease affecting animals and humans, can be accelerated among animals through the environment and activities such as livestock drinking out of contaminated rivers. It can then be passed on from animals to people.

Recommended protective measures to prevent infection include washing hands frequently after contact with animals and standing water (large still lake-like pools) and wearing appropriate clothing such as boots and gloves.

People with signs of flu-like disease or fever should see and alert their doctor about getting tested for leptospirosis.

The Leptospirosis Research Team at Massey University investigates leptospirosis and its effect on public health in New Zealand and the production and health of New Zealand's livestock.

Date: 24/06/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences; College of Sciences; Environmental issues; Explore - Agriculture/Horticulture; Explore - HEALTH; Feature; FutureNZ - Health; Joint Centre for Disaster Research; Palmerston North; Research - Health and Wellbeing; School of Psychology; School of Veterinary Science

Study on how to improve wellbeing in later years

Ageing can be challenging for many reasons as people come to terms with loss of mobility, independence, friends and social activities as well as increased loneliness, disability and isolation.

To counter the impact of difficult life changes, Massey University psychology student James Martyn is investigating the effectiveness of a psychological programme to help older people experiencing low mood and anxiety.

He is currently seeking people aged between 60 and 75 years in Auckland to take part in a research programme that provides low intensity, guided self-help based on cognitive behavioural therapy (CBT), a well-known and widely-used talking therapy.

He says the therapy is effective in helping people improve their sense of emotional wellbeing. "It teaches how your thoughts affect your behaviours, and how some simple techniques can help you gain control over these issues."

Low intensity CBT is a bit different to the traditional version, says Mr Martyn, who is based at the School of Psychology in Albany. While it uses many of the principles and techniques of traditional CBT, it provides content through accessible self-help materials. Literature suggests that additional support from a low-intensity therapist to guide older adults through the materials is likely to lead to greater improvements in participants' emotional wellbeing, he says.

For his research project, Mr Martyn plans to assess the effectiveness of the guided self-help CBT programme – called *Living Life to the Full* – that has been used successfully across England, Scotland and Canada. One of its other aims is to determine whether the programme could be made available more widely in New Zealand.

Participants will be required to attend weekly group meetings at the School of Psychology in Albany Village over eight weeks. Simply participating in the study could be beneficial, as participants tend to feel less alone through being part of a group, he says.

"One of the main benefits is that the programme can help you gain greater self-awareness with issues that lead to anxiety and depression, and how to deal with them more effectively."

While some older people can be sceptical about, or resistant to, the idea of therapy, he hopes anyone who feels vulnerable to low mood will come forward and try the programme. It will equip them to deal with a variety of different life challenges, and cultivate a sense of wellbeing beyond the classes, he says.

With the ageing population expected to grow significantly in the next decade and beyond as the baby boomer generation retires, the need for tools to build resilience in later life is essential, he adds.

People interested in taking part will need to fill out a screening questionnaire and consent form to provide the researcher with general demographic and contact information.

For more information, or to take part in the study, contact James Martyn on 0800 526 371 or email: wellbeinginlateryears@gmail.com.

Date: 25/06/2015

Type: Research

Categories: College of Humanities & Social Sciences; Research; School of Psychology; Uni News



Doctoral researcher James Martyn



The assembled group

Matariki dawns at Massey's Auckland campus

The Māori festival of Matariki was heralded with a dawn ceremony at the Auckland campus last week.

Also known as Māori New Year, Matariki takes its name from the seven star constellation, also known as Pleiades, which reappears over the horizon at this time of the year.

Senior Māori advisor Margaret Kawharu says it's a very special time of year.

“For me, Matariki is a time to come together, reflect on the last year and plant the seeds for the new year, and reconfirm what is important in our lives.”

An enthusiastic group lead by Ngāti Whātua o Kaipara kaumātua Haahi Walker planted a tānekaha tree in the Matariki Grove alongside Albany Highway and then added 60 harakeke plants to the native bush area on campus.

The harakeke, or flax, was provided by North Shore flax specialist Judy Te Hiwi and included heirloom plants handed down from her mother. Ms Te Hiwi says the



Judy Te Hiwi and Kim Horgan

harakeke varieties chosen for the planting will provide the weaving materials required to decorate the planned Marae for the campus, and the tānekaha tree will provide red dyes for weavers in the future.

The dawn ceremony is the first of a series of events across the three campuses to celebrate Matariki and Māori Language Month

Date: 25/06/2015

Type: Features

Categories: Auckland; College of Business; College of Health; College of Humanities & Social Sciences; College of Sciences; Feature; Maori; Music and campus life; National; Uni News



Waiting for the sun to rise at Matariki



Dr Jodie Hunter and Dr Natasha Tassell-Matamua at the awards ceremony.

Maths and mortality research by Fulbright scholars

Massey University Pasifika staff from the Manawatū campus received Fulbright New Zealand scholarships this week for their research on mathematics teaching for cultural minorities, and on near-death experiences.

Education researcher Dr Jodie Hunter received a Fulbright New Zealand Scholar Award for her work into how diversity and equity can be addressed in mathematics education. Psychology researcher Dr Natasha Tassell-Matamua is investigating near-death experiences from Māori perspectives.

Both women have Cook Islands origins. They are among 84 Fulbright New Zealand grant recipients for 2015, and part of a five-strong, all-women contingent of Massey Fulbright New Zealand award recipients. Two others are researching Māori cultural and health issues.

Award recipients attended the 2015 Fulbright New Zealand Awards Ceremony and Alumni Reception in Wellington at Parliament Buildings on Monday, hosted by Chris Finlayson, United States Ambassador Mark Gilbert and Fulbright New Zealand chairperson Dr Helen Anderson, who is a Massey University Council member.

Learning from Latino-style maths teaching

Dr Hunter will travel to Tucson in August to investigate a culturally informed, mathematics-teaching concept developed by researchers and educators at the University of Arizona.

The study grant will enable Dr Hunter to build on her extensive work with colleague (and mother) Associate Professor Bobbie Hunter at the Institute of Education. They have spearheaded a Ministry of Education-funded, culturally-attuned approach to address mathematics under-achievement in Pasifika and Māori pupils at low decile schools.

Both the "communities of inquiry" being implemented here and the University of Arizona's "funds of knowledge" approaches are based on the notion of bridging the divide between school and home. This involves teachers embracing students' cultural values and family contexts, and involving parents in their children's learning.

These approaches are holistic in that they address the role and responsibilities of parents, students, pre-service and in-service teachers, Dr Hunter says.

"Researchers and educators from the University of Arizona are leading experts in the field of developing multi-dimension programmes which draw on a 'funds of knowledge' framework," Dr Hunter says. "This model aims to address deficit perceptions of Latino students in schools by supporting educators to draw on the cultural, social and linguistic resources of students and their communities.

"The Fulbright Scholar award will enable me to observe and analyse the range of programmes, and to establish what aspects can be adapted and applied for our Pasifika learners," she says.

Global audience for Māori views on near-death experiences

School of Psychology lecturer Dr Tassell-Matamua, a leader in near-death experience (NDE) research, received the Fulbright-Ngā Pae o te Māramatanga Travel Award in Indigenous Development. She is heading to the US at the end of August to present at the International Association for Near-Death Studies conference, and then to visit with renowned NDE researcher Professor Janice Holden, at the University of North Texas.

She will present findings of a recent study conducted in New Zealand and funded by an Emerging Researcher Award, which assessed knowledge about and attitudes towards NDEs and investigated the effect of NDE 'education' on well-being, including from a Māori perspective.

"People who have NDEs are positively transformed by them," she says. "Yet, those who do not have NDEs but learn about them can be affected in similarly positive ways. The beneficial implications of 'NDE education', particularly in relation to advancing Māori and Pasifika well-being, certainly warrant further exploration," she says.

Her project is part of an on-going programme of NDE research she is conducting in New Zealand, which aims to enrich global understandings of the phenomenon.

"The unique socio-cultural compilation of the New Zealand population enables the programme to explore how cultural diversity is evident in and relevant to near-death experience research," Dr Tassell-Matamua says. "The implications of incorporating culturally-validated spiritual knowledge evident in NDEs into specific health settings, such as mental health and palliative care, will also be addressed in my research," she says.

Fulbright New Zealand executive director Penelope Borland says that in this globalised and rapidly changing world, the Fulbright New Zealand programme is especially relevant.

"New Zealand must ensure that its future leaders receive the best possible international education, as well as the broadest possible exposure to international thinking and trends. One of the aims of the Fulbright programme is to develop the thought leaders of tomorrow," Ms Borland says.

Other Massey University recipients of Fulbright New Zealand awards:

- Rebecca Purvis will complete a Master of Science in Genetic Counselling at Arcadia University in Philadelphia. Ms Purvis graduated with a BSc majoring in genetics, and a PGDip specialising in bioethics from the University of Otago in 2014. She is currently completing a Certificate of Proficiency in Business Studies at Massey University.
- Dr Angela Moewaka Barnes presented her research into Māori filmmaking and Kaupapa Māori film theory at the University of Washington (Seattle and Tacoma), Denver Indigenous Film and Arts and the Native American and Indigenous Studies Association Conference (NAISA) in Washington DC in 2015. She is a researcher at Whāriki Research Group, College of Health.
- Tess Chalmers presented her research into Exploring Māori Identity Behind Closed Doors at the 13th Annual Hawai'i International Conference on Arts and Humanities in Honolulu, Hawai'i. She is a Doctor of Clinical Psychology candidate at Massey University.

Date: 25/06/2015

Type: Research

\$16 million funding for food processing research

Cutting-edge research in food engineering will be funded in a new programme that brings together engineers and scientists from universities and crown research institutes to improve profits for New Zealand food producers.

The Ministry of Business, Innovation and Employment funding of \$16.65 million over six years will enable research focused on selected processing steps – called unit operations – that will transform New Zealand's primary food production into added-value exports.

Similar processing steps, like drying or freezing, are used by many sectors of the food industry, but the new programme will use a co-innovation approach between teams of researchers and companies to conceive and develop new unit operations and extend the applications of existing technologies in order to enable manufacture of new products and provide improved efficiencies.

The programme will be hosted by Massey University, with Professor Richard Archer as national science leader, and partner organisations are AgResearch, Plant and Food Research, the Riddet Institute, the University of Auckland and the University of Otago.

The programme is closely linked to the New Zealand Food Innovation Network and will make use of the regional product development centres based in Auckland, Hamilton, Palmerston North, Christchurch and Dunedin.

It utilises and widens the networks of FoodHQ, which is the substantial Manawatu-centred cluster of agrifood business innovation organisations.

Plant and Food chief executive Peter Landon-Lane says: "The large-scale collaborative approach to research is the most efficient way for New Zealand to make rapid progress."

AgResearch research director Warren McNabb says with four of the partners already linked in the FoodHQ collaboration, the involvement of Auckland and Otago universities creates high-level engagement between an extremely large cross-section of the New Zealand food industry, which he welcomes.

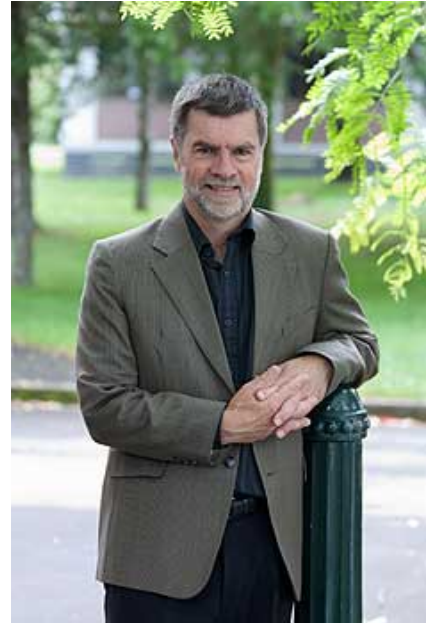
Massey Vice-Chancellor Steve Maharey says the programme is a great example of aligning research capability with industry need and national necessity. "It is a strength of the University that we have researchers with rich industry experience able to bring such a programme together."

Professor Archer says the first commercialisations will be by participating companies, but the programme allows the technologies to become available soon after to other New Zealand companies to move other products up the value chain – an approach that should resonate with the business sector.

"In funding the programme, the ministry is targeting the huge value that downstream processing offers," he says. "Currently, much farm gate production leaves New Zealand with only minimal processing, particularly for Māori food assets, which are now concentrated in primary production.

"While this new research programme enables new food processing capability, it sits alongside existing funded programmes, including the High-Value Nutrition national science challenge, the industry-targeted Primary Growth Partnerships and the BioResource Processing Alliance. The alliance is focused on returning value from various biological product streams that otherwise find only low-value outlets or go to waste."

One partner company is Dunedin-based Mainland Poultry. Managing director Michael Guthrie says the programme is exactly what is needed to ensure the company's products are suitable for the new export market opportunities they have identified. "Until now the risk of developing new technology is too great for us to take on our own," Mr Guthrie says.



*Professor Richard Archer, Massey
Institute of Food Science and
Technology*

Date: 25/06/2015

Type: University News

Categories: Awards and appointments; College of Health; College of Sciences; Explore - Agriculture/Horticulture; Explore - Food; Explore - HEALTH; Feature; Funding; Innovation; National; Palmerston North; Research; Research - Future Food Systems; School of Food and Nutrition; Uni News



Winners of this year's National Ballance Farm Environment Awards John and Catherine Ford of Highlands Station, Rotorua.

Massey continues to support farming leaders

The cream of the crop in sustainable farming practices were recognised last night at the New Zealand Farm Environment Trust's annual Sustainability Showcase – an event that Massey University has been supporting since its inception in 1991.

The Sustainability Showcase is the highpoint of the Ballance Farm Environment Awards which occur throughout the year. They recognise and celebrate good farm practices which promote sustainable land management through an annual awards programme. It is run in 10 regions across New Zealand.

Director of National Events and Sponsorship Shelly Deegan says Massey is proud to be associated as a national sponsor for these awards, including sponsoring the Innovation Award category.

“The awards demonstrate how farming can be environmentally responsible, profitable, and achievable. The stories are truly inspirational and demonstrates New Zealand's reputation as a safe and sustainable food producer for primary industries – an area in which Massey is a leader in terms of research and innovation.”

“Many of our alumni have been involved in these competitions and these awards are seen one of the premiere farming industry awards.”

Massey alumnus Laura Oughton was one of the finalists this year, having completed a Bachelor of Agriculture with an agronomy major.

The overall winners were John and Catherine Ford of Highlands Station, Rotorua.

More than 300 guests attended at the Showcase dinner, including farm and agribusiness leaders, Government officials and representatives from a range of environmental agencies.

Other finalists included:

Frans, Tineke and Talbert de Jong and Emily Meese, Waikato
Rachel and Greig Alexander, Northland
Mark and Jacqui Muller and Conrad Maeke, Taranaki
Alastair, Tracy and Daniel Ormond, East Coast
Leo and Rebecca Vollebregt, Greater Wellington
Willie Akers, Hugh and Judy Akers and Laura Oughton, Horizons
Richard and Annabelle Subtil, Canterbury
Dave and Janene Divers, Otago
Robert and Anna Kempthorne, Southland

Date: 25/06/2015

Type: Awards and Appointments

Categories: Enviromental issues; Explore - Agriculture/Horticulture; Funding



Are financial reports, in their current form, still relevant?

Better reporting for investors

Do financial statements need updating to meet the needs of today's investors? That's a question currently being investigated by Massey University researchers.

Academics from the university's School of Accountancy have been commissioned by the NZ External Reporting Board (XRB) to research the information needs of investors and other users of financial reports. The XRB is responsible for New Zealand's accounting, auditing and assurance standards.

"Financial reports are designed to meet the information needs of users, but they are often viewed by corporate entities as mere compliance documents," says Professor Fawzi Laswad, head of Massey's School of Accountancy.

He says he often hears accountants, auditors and other professionals question whether financial reports are still relevant.

"For example, one professional accounting body recently questioned their relevance and raised the possibility that they are 'an impenetrable collection of numbers and words, prepared only for compliance purposes, and only understood by a few technical elite'. That's pretty damning."

As part of the research project, Professor Laswad and his colleagues Dr Nives Botica-Redmayne, Dr Warwick Stent and Dr Lei Cai have launched an online survey so they can better understand the information needs of report users. The responses will be analysed and used to inform future decisions about the XRB's standards framework, as well as local and international policy discussions.

All users of financial reports are encouraged to have their say. The voices of users, many of whom are New Zealand investors, are rarely heard, Professor Laswad says.

"If you read the financial statements of New Zealand companies to make investment decisions or assess corporate performance, and have views on the structure and the content of the financial statements, we want to hear from you.

“By doing this survey you can have input into policymaking and help determine what companies should present in their financial reports in the future.

The short online survey only takes 10 minutes to complete and can be accessed here: <http://bit.ly/financial-report-survey>

Date: 26/06/2015

Type: Research

Categories: Big Issues in Business; College of Business



Awatapu College Team 1, winners of the best-dressed team prize.

Japanese quiz highlights fun of language learning

Identifying anime characters or a Japanese ear-cleaning device were all part of the fun for Palmerston North school pupils taking part in the inaugural New Zealand Schools' Japanese Trivia Championships at Massey University's Manawatū campus.

They were part of a nation-wide event that ran simultaneously in seven towns and cities from Auckland to Invercargill last Friday, and involved around 330 pupils from 42 schools.

Dr Penny Shino, coordinator of Massey's Japanese language programme in the School of Humanities, which hosted the Manawatū event, says the enthusiasm of the contestants made the evening a huge success and "highlights the unabated popularity of Japanese culture in New Zealand".

Nine teams from regional secondary and intermediate schools battled rounds in six diverse categories drawn from themes in contemporary Japanese culture. Questions ranged from "the obvious to the esoteric", says Dr Shino, who is president of Japanese Studies Aotearoa New Zealand and was quizmaster on the night.

The Manawatū champions were Awatapu College Team 2, with runner-up Wanganui High School Team 1 and Iona College, Havelock North, the second runner-up. A prize for best-dressed team was also awarded to Awatapu College Team 1. The top award nationally was shared by Diocesan School for Girls (Auckland) and St Mary's College (Wellington). Other schools from Auckland and Wellington, as well as Waikato, Nelson, Southland and Otago, also took part.

The event was organised by New Zealand Association of Japanese Language Teachers and Japanese Studies Aotearoa New Zealand, and funded by the Japan Foundation. Trophies were donated by the embassy of Japan and the Japanese Consulate-General, with additional financial sponsorship by IPC Tertiary Institute, Education Perfect and KanjiPro (a language learning programme).

Dr Shino says the fun event is one of the strategies aimed at getting more young people interested in studying the Japanese language – and other languages too – as a decline in the number of New Zealand students learning other languages is a big concern among language teachers.

“The high levels of co-operation in play across all sectors involved was also very encouraging,” Dr Shino says. “We hope the experience provides new linkages that will translate into clear pathways between schools and university Japanese programmes – a major underlying objective of the event.”

She says there are “fantastic” job opportunities for those with language skills in areas such as software and gaming, as well as in diplomacy, teaching, fashion, design, tourism and hospitality.

Date: 26/06/2015

Type: University News

Categories: College of Education; School of Humanities



(L-R): Professor Lorraine Warren, MP for Palmerston North Iain Lees-Galloway, David Cunliffe, Professor Malcolm Wright.

Unis have role to play in regional growth – Cunliffe

Tertiary institutions like Massey University have a key role to play in developing regional innovation hubs to drive economic growth, says Labour MP David Cunliffe.

The Labour spokesman for regional development, tertiary education, research and development and science and innovation, met with Massey Business School academics based at the Manawatū campus this week to see how the university was supporting local businesses.

“Universities are an essential lynchpin of regional as well as national economic development,” Mr Cunliffe says. “They provide the skills to power regional economies and the research and expertise to unlock regional resource endowments.

“Around them typically centre business research, spinoffs, growing companies and whole communities which in some way depend upon the pipeline of smart people and smart ideas that universities generate.”

Latest spin-off company provides a good model

Mr Cunliffe met with Professor Malcolm Wright, deputy head of the Massey Business School and the driving force behind a new regionally-focused marketing research company called Consumer Insights Ltd.

Professor Wright, who has always undertaken consultancy work as his academic schedule allowed, partnered with Massey's commercialisation arm Massey Ventures Ltd last year to offer services to a wider audience.

The firm focuses on delivering the research needs of businesses in the central North Island, particularly in the Manawatū, Taranaki and Whanganui regions. Its unique business model has academic experts team up with postgraduate students to provide market research and consulting services in a cost-effective way.

Mr Cunliffe was impressed with the Consumer Insights model and said it was a good example of a university spinoff company providing value in its community.

“Consumer Insights is providing valuable linkage between Massey Business School and companies who can benefit from marketing science and analysis,” he says. “At the same time Massey students are gaining on-the-job business experience that fits them better for the job market when they graduate.

“We also visited Gallagher Fuel Systems in Marton who stated that regional proximity to Massey was crucial to provide the engineering and research support needed to continue as a leading technology business. On another occasion I visited Food HQ, which is leveraging Massey's deep expertise in food technology and agri-business.”

Regions need local start-ups

Mr Cunliffe also met with Lorraine Warren, Massey's Professor of Innovation and Entrepreneurship. They discussed the role of universities in creating an ecosystem for entrepreneurship and the importance of supporting regional start-ups.

Professor Wright says it is heartening to see senior MPs taking an interest in regional development.

“The regions have a lot of spare capacity so they are a good option for entrepreneurs, providing the business environment is right” he says. “That's why Massey University is behind initiatives like Consumer Insights; they can provide much needed support for local entrepreneurs. We welcome Mr Cunliffe's visit as an indication that innovation policy may start to recognise the growth potential in the regions.”

Consumer Insights Ltd website: www.consumerinsights.co.nz

Date: 28/06/2015

Type: University News

Categories: Home Page article; Big Issues in Business; College of Business; Innovation



Vice-Chancellor Steve Maharey (centre) and Head of the Institute of Agriculture and Environment Professor Peter Kemp (far left) and with academics from Henan, China.

International academics continue agri-education

A group of 37 academics from the Henan province in China have touched down in Palmerston North to begin an intensive 12-week course to learn how Massey University teaches agriculture – methods they can use in their own classes.

The academics will spend the first three weeks honing their English language skills with members of Massey University's Centre for Professional and Continuing Education. The remaining nine weeks will be hosted by the head of the Institute of Agriculture and Environment, Professor Peter Kemp.

The course will include meeting Palmerston North mayor Grant Smith, a visit to the stock yards in Fielding, a tour of a private farm in Hiwinui and day trips to the Hawke's Bay and Paraparaumu.

University Vice-Chancellor Steve Maharey says Massey University has a longstanding and deep connections with China that go back more than three decades. It was the first New Zealand university to be visited by the president of a Chinese university, the first to sign a memorandum of understanding with a Chinese university, the first to sign a "tripartite" partnership with leading Chinese universities and it currently has close to 1800 students from China and about 70 active agreements and collaborations with Chinese university and government agency partners.

Leader of the visiting group Mr Huang Zhongwen says he is excited to learn about many aspects of the university. "I want to learn about the research developments happening here and how Massey uses its resources to teach undergraduate and postgraduate students."

A second group of academics is scheduled to arrive on September 12. A third group is currently under discussion and may also take place this year. This group will be of the same duration but will include teachers in the area of management and economics.

The group are sent courtesy of the China Scholarship Council.

Massey University is currently ranked number one in New Zealand and 33rd in the world for agriculture according to the latest subject rankings from the international agency Quacquarelli Symonds (QS).

Date: 29/06/2015

Type: University News

Categories: Applied Learning; College of Sciences; Explore - Agriculture/Horticulture; Palmerston North; Teaching; Uni News; Vice-Chancellor



Student management system replacement under way

Massey University is replacing its student management system.

The current system has been developed and adapted over many years using technology that is now out of date and no longer meets the University's needs.

The chosen replacement is called SITS:Vision. As Vice-Chancellor Steve Maharey announced in his weekly e-log on June 2, it will be supplied by Tribal Group, a global provider of products and services to higher education institutions.

The aim is to improve students' overall experience, and specifically improve:

- recruitment outcomes, through better tracking and follow-up of student enquiries
- retention, through earlier identification of at-risk students
- information upon which staff can base decisions
- the efficiency of the student administration processes across the university.

The decision to move to what is known as a “package system” was made because the cost of redeveloping the existing system was prohibitive. Using a package system enables Massey to implement a “good practice” solution that can be configured to suit the University's needs and be updated as required in coming years.

It provides all the required functionality for management of student interactions. This was based on many previous implementations at other universities. It incorporates “good practice” processes and, where necessary, configures it to meet Massey's unique requirements. This approach will expedite the delivery. In some areas there will be significant improvements but in other areas some of the custom-built enhancements will no longer be available.

It will take two years to design, configure and deliver what is required for Massey. This is an ambitious delivery timeframe; other universities have taken up to four years to implement the same system.

Over the two years, many staff will be involved in the configuration of SITS:Vision to ensure the university's requirements are implemented within the programme timeframe.

The Student Management Solution Implementation (SMSI) programme owner and programme director have been working with University managers to identify subject matter experts to work with the programme team. Their participation will allow the programme to efficiently and effectively deliver the best result. The time commitment of those identified will vary during phases of the programme. At peak times this could amount to up to 25 per cent of their time, but this should be only for short periods.

The programme started with an intensive two-day induction where the programme team spent time learning how the programme will be managed and getting to know one another. Part of it was devoted to completing a mini-project, where all the participants had the opportunity to use the programme management methodology and tools.

The design phase of the programme is under way, with the next major milestone being the development of prototypes by the end of July.

A programme intranet site will be developed to enable staff to monitor progress and interact with the process. In the meantime, any questions may be emailed to SMSI@massey.ac.nz.

Caption: SMSI programme team members, from left: Debra Ward (timetable management), Nadia Dadeby (enrolments process), Dr Pat Sandbrook (programme owner and student administration), Sarah Valentine (marketing and recruitment), Anne Chant (student administration) and Laura Wanless (Tribal).

Date: 29/06/2015

Type: Internal Communication

Categories: Any



Mark Howard (Albany Senior High School), Winnie Chau (Pakuranga College), Aryaman Parulkar (Mt Roskill Grammar)

Schools tackle global crises in UN summit at Massey

Auckland secondary school pupils may be far from the civil war in Syria and the extreme violence of the Islamic State (IS) in Iraq, but some of them fronted up to debate these crises in a mock United Nations Security Council meeting at Massey University recently.

A Global Summit at the University's Auckland campus attracted 25 Year 13 students from 10 schools across Auckland to participate in a UN Security Council-type setting to gain valuable insight into international collaboration and negotiation.

The students – selected to take part in the pilot programme on the basis of their interest in politics and international affairs – were presented with two scenarios and allocated roles as various member-state representatives before debating what response the Council should take.



Pupils negotiate their responses during the UN global summit

The scenarios were based around the current situations in Syria and Iraq, both of which may constitute a threat to, or a breach of, international peace and security. In the first session, they were addressing concerns at the brutal and violent reprisals undertaken by the Syrian Government against young people calling for

democratic change during various public demonstrations. The second scenario focused on whether or not the UN should enter into negotiations with IS.

Organiser Dr Damien Rogers, a lecturer in politics and international relations at the School of People, Environment and Planning, says he was very impressed by the high calibre of the students and by their ability to comprehend complex scenarios and respond with clarity and insight to a fast-changing situation.

While they were frustrated at the perception of UN Security Council members acting in their own national – rather than collective – interests, he said the students' plan to over-ride US policy to “degrade and destroy” IS and instead consider some level of negotiation was “far-sighted.”

“In five years time, that’s what we may be looking at. They are ahead of their time,” Dr Rogers says. “There is a history of smaller forces defeating larger powers, so it cannot be assumed that the US-led campaign will win. We need to be prepared with other options.”

He observed several participants who could be “strong contenders for becoming highly-effective international diplomats in a few years,” he says.

Mark Howard, from Albany Senior High School and who was the representative for Nigeria, says he found the one-day experience enriching, rewarding and challenging. “It was really well organised in terms of ensuring everyone had the chance to stand up and speak.”

The experience also gave him the chance to wrestle with the complexities of horrific conflicts that people his own age were enduring in other countries.

In the scenario-based initiative, students had to digest information, chart courses of action, and negotiate with one another in order to address one of the most vexing security issues in contemporary world affairs, says organiser and Student Recruitment Advisor Rebekah Sulman. “With scenarios developing quickly, students needed to stay alert to take advantage of small windows of opportunity, and take decisive action.”

Captions: (below) pupils from Westlake Girls' High School, Kristin School and Auckland Girls' Grammar School negotiate their response to the developing situation.

Date: 29/06/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Explore - Planning; Feature; Uni News



Palmerston North Girls' High School students Maddie Rowan (left), Kate Costello and Aneka Patel.

Maths competition adds up to success

Twenty-one teams of secondary students from across the Manawatū crunched numbers today in the hopes of winning the Massey Manawatū Maths and Stats (M³S) Competition.

The competition was organised by the Mathematics and Statistics group in the Institute of Fundamental Sciences as a way to engage students with mathematics and statistics through fun and challenging problems.

Students worked their way through 35 questions of increasing difficulty for one mark each before tackling a more difficult “finisher” question where the mark depended on speed and accuracy of answer.

In the end, the boys' team from Wanganui High School won with a total of 23 out of 35 questions correct.

Connor Cresswell from the team said the hardest part of the competition was timing. “Knowing when to pass was really important because we only had an hour so we had to time it right.”

Tutor in statistics Anne Lawrence says she is delighted to see the event grow from 16 schools last year to 21 this year.

“Last year the students and their teachers clearly enjoyed the challenge of solving our problems. There is quite a bit for them to get their heads round in terms of working as a team, deciding how long to struggle with a particular question, and of course, applying their mathematical and statistical thinking to tackle the problems.”

Director of the Mathematics in Industry group at Massey University Professor Emeritus Graeme Wake says mathematical skills are applicable now, more than ever.

“Many industry and community problems can benefit from a mathematical or statistical approach. Worldwide, countries have discovered that mathematics is a high-tech thing that can add value to their enterprise.”

“Mathematics is everywhere and can underpin everything. This is something not everyone appreciates.”

Date: 29/06/2015

Type: University News

Categories: College of Sciences; Palmerston North; Teaching



Jeff Mahuika (Kāti Māhaki, Poutini Kāi Tahu) and Sasha Huber after the karakia, symbolically un-naming the Agassiz Glacier. Commissioned photograph by Tom Hoyle © Sasha Huber.

Māori ceremony 'un-names' New Zealand glacier

A South Island glacier has been "un-named" by an international artist accompanied by a representative of Ngāi Tahu.

Sasha Huber, an artist-in-residence at with a joint programme run by the Wellington City Council and Massey University's College of Creative Arts in Wellington, is known for her contribution to the long-term project Demounting Louis Agassiz.

Ms Huber, who is of Swiss-Haitian heritage and lives in Finland, says the project is aimed at removing the name of 19th century Swiss-born naturalist and glaciologist Dr Louis Agassiz (1807-73), from a peak in the Swiss Alps.

"Agassiz was a proponent of polygenism – the idea that races were created separately – and scientific racism," Ms Huber says.

Earlier this month she visited the area of Agassiz Glacier on the West Coast of the South Island. After a welcome at the local marae by Jeff Mahuika (Kāti Māhaki, Poutini Kāi Tahu), Ms Huber and her small production team travelled to the site, between Kā Roimata a Hine Hukatere (Franz Josef Glacier) and Te Moeka o Tuawe (Fox Glacier). There, Mr Mahuika offered a karakia blessing to symbolically un-name and cleanse the glacier of its association with Dr Agassiz.

The glacier was named, by German geologist Sir Johann "Julius" von Haast. "When, in the 1860s, von Haast explored New Zealand for coalfields and goldfields and examined geological structures with regard to railway tunnels, he did so in the interest of British and European colonial society," Ms Huber says.

"When von Haast named over 100 places after British, German, Austrian, French, Australian, New Zealand, Danish and Swiss scholars, poets, sons of emperors, explorers and scientists (and also after himself and his son), he did so to endear himself to the name-bearers and to solidly locate New Zealand within white European culture while at the same time ignoring the Māori perspective," she says.

Ms Huber is in contact with officials of Te Rūnanga o Ngāi Tahu. In collaboration with Makawhio Rūnanga, they support research for new and appropriate Māori place names for Agassiz Glacier and Agassiz Range, as there are no known Ngāi Tahu names for them.

The artist-in-residence programme that hosts Ms Huber at Te Whare Hēra on Wellington's waterfront is jointly run by the college's Whiti o Rehua School of Art and the council. Te Whare Hēra Gallery will be the venue for the "Agassiz Down Under" project exhibition from July 7-22.

Associate Professor Heather Galbraith from the school says, "we are thrilled that Sasha Huber has been able to mount such an intriguing and successful project within her very busy residency. It is particularly exciting that through an art work, a space for dialogue with Ngāi Tahu has opened to consider Maori names for the Agassiz Glacier and Range."

Ms Huber has participated in numerous international exhibitions, including the 56th Venice Biennale and the 19th Biennale of Sydney, and has also been invited to artist residencies in Brazil, Sweden, Norway, Switzerland and Australia. She holds a Master of Arts from Helsinki's University of Art and Design and is currently undertaking doctoral research on racism through the lens of art at the Department of Art at Aalto University, Helsinki.

While in New Zealand, Ms Huber is also continuing a collaborative project with her husband, Petri Saarikko, exploring family-based knowledge of traditional folk remedies called "Healers: Action, Dance."

Date: 29/06/2015

Type: Features

Categories: College of Creative Arts; Creative Arts; Exhibition/Show; Maori; Wellington



Photo courtesy of Kathleen Phillips

Growing innovation in the primary industries

Nearly 100 scientists and industry leaders in plant science are discussing how to grow innovation for the primary industries in New Zealand at a conference hosted by Massey University this week.

The 2015 'Plants for the Future' conference is a joint meeting of the New Zealand Institute of Agricultural and Horticultural Science and the New Zealand branch of the International Association of Plant Biotechnology.

The conference covers a broad range of topics with recent PhD graduate Dr Munazza Saeed discussing breeding solutions to common fruit post-harvest disorders, lecturer in horticulture Dr Huub Kerckhoffs on plants and the environment and Professor of postharvest technology Julian Heyes discussing the role of fresh products in human health.

Particular interest will also be in how genome sequence data is being used in plant breeding programmes and in determining gene function and there will be a focus on how biotechnology is being utilised by industry.

International Association of Plant Biotechnology national representative Chris Jones says the event brings together delegates representing Crown Research Institutes such as Plant and Food Research and AgResearch, Universities and companies working in and around the plant sciences in support of our primary sector.

"This meeting provides an opportunity for researchers working across a diverse range of disciplines in the plant sciences to meet and offers a forum for the exchange of ideas and the discussion of concepts that promise to produce new innovations for the primary industries of New Zealand."

President of the New Zealand Institute of Agricultural and Horticulture Science David Lewis says the conference is a great opportunity for discussion. "We have attracted some fantastic lead speakers and a significant number of delegates so there will be many opportunities for discussion and future collaboration."

The conference is being held at Massey University in Palmerston North, from Wednesday to Friday. Conference details and full programme can be viewed [here](#).

Date: 29/06/2015

Type: Research

Categories: College of Sciences; Conference/Seminar; Enviromental issues; Explore -
Agriculture/Horticulture



Award recipients with Graduate Women Manawatu chair woman Anne Walker (third left) and Professor Brigid Heywood (far right).

Graduate Women Manawatū gives \$60K to postgrads

Nine post-graduate women students at Massey University's Manawatū campus were awarded \$60,000 to help further their research across diverse topics, from teaching maths to Pasifika pupils to iron deficiencies in pregnant women, and starfish physiology.

The master's students were awarded scholarships from the Graduate Women Manawatū Charitable Trust in recognition of their achievements, at a ceremony on Saturday at Wharerata on the Manawatū campus.

Funds for the awards come from profits generated by the Graduate Women Manawatū Charitable Trust from the hire of academic regalia used by staff and students at graduation ceremonies.

The academic dress hire business started in Palmerston North over 50 years ago when graduate women, often wives of academic staff and members of the Federation of Graduate Women Manawatū Inc, hired out gowns to graduating students. The business has grown over the years and now hires academic regalia to Massey University staff and students, and also to other tertiary institutions throughout New Zealand.

Each year the trust distributes over \$100,000 to support the advancement of women's educational opportunity. Of this, \$60,000 is awarded each year to women students studying at the postgraduate level at Massey University.

The trust also supports a national-level scholarship programme through the Federation of Graduate Women and a range of other educational awards, including Whakatepuria Teen Parent School tertiary study awards, and second-chance education awards, in association with the New Horizons for Women Trust. Since 2012 the Trust has also partnered with the Zonta Club of Manawatū to support an annual postgraduate travel award valued at \$5,000 for a woman completing a PhD in science and technology at Massey University.

Guest speaker at the ceremony was Professor Brigid Heywood, Assistant Vice-Chancellor Research, Academic and Enterprise.

Graduate Women Manawatū Charitable Trust Awardees, and their research topics:

- **Ingrid Cheung** (Institute of Education) Master in Education - teaching of mathematics to Pasifika students
- **Belinda Jansen** (School of Social Work) Master of Applied Social Work – families living with mental illness
- **Anne Kim** (Institute of Agriculture and Environment) Master of Science – cellular heavy metal tolerance in organisms, such as the eleven-armed seastar
- **Iris Nanguzambo** (Institute of Fundamental Sciences) Master in Applied Statistics – analysis of fish species data to assess changes for the Survival Analysis and Reliability Studies
- **Laura Quin** (School of Psychology) Master of Science (Psychology) – lived experiences of maternity
- **Briony Raven** (School of People, Environment and Planning) Master of International Development – iron deficiency in pregnancy
- **Rebecca Severinsen** (Institute of Fundamental Sciences) Bachelor of Science (Honours) – synthesis of new molecules
- **Vanessa White** (Institute of Education) Master of Specialist Teaching – gifted and talented education
- **Rachel Wilson** (School of Nursing) Master of Nursing – ethics and health care rationing

Caption: (from left) Ingrid Cheung, Iris Nanguzambo, Anne Walker (Chair Graduate Women Manawatū Charitable Trust Inc.), Laura Quin, Anne Kim, Vanessa White, Rachel Webster nee Wilson, Briony Raven, and Professor Brigid Heywood (Assistant Vice-Chancellor Research, Academic and Enterprise). (Awardees unable to attend - Belinda Jansen and Rebecca Severinsen)

Date: 30/06/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences; Explore - HEALTH; Research; Research - Health and Wellbeing; Scholarships; School of Psychology



Greg Twemlow, MUSAC's new chief executive

Education software business appoints first chief executive

The appointment of Massey University-based education software business MUSAC's first chief executive signals a new era of growth and development for the company.

MUSAC Ltd (Massey University School Administration by Computer) is 100 per cent owned by Massey Ventures. The school administration software vendor has been operating for 20 years, originally from the College of Education, and is now a stand-alone independent company since early last year.

Its inaugural chief executive Greg Twemlow is an expert in software architecture and the commercialisation of patents and other intellectual property. His successful track record of marketing Software-as-a-Service (SaaS) products is particularly relevant, as MUSAC's own SaaS solution, Edge, is now the major revenue generator for the company.

Mr Twemlow is currently Start Up Manager at the Creative HQ incubator in Wellington where he mentors new ventures and is actively involved in the Wellington Startup scene. He has more than 30 years of software sales and marketing experience with an extensive business network in the US, Europe and Asia. His experience encompasses senior executive roles responsible for sales and marketing, product development and as a general manager. He moved to New Zealand in 2014 to work with CreativeHQ.

MUSAC chairman David Glover expressed delight at the appointment of Mr Twemlow, who starts his new role on July 6. "MUSAC is the leading student management system provider in New Zealand, and under Greg's leadership we expect that will continue, along with the development of further innovative products for the global education sector."

MUSAC is a Ministry of Education-accredited vendor, which Mr Glover says provides New Zealand schools with an extensive suite of software applications. This includes software for administration and management of assessments, curriculum, attendance, students, staff, library resources, finances and assets. MUSAC

software is especially renowned for its ability to provide management, administrators and teachers with information the way they need it,

Massey Ventures chief executive, Mark Cleaver, says MUSAC's innovative Edge system is the first truly Cloud-based offering for New Zealand schools. Edge has been purpose built by teachers, for teachers, and allows them to track student achievement anytime, anywhere and on any device.

Mr Twemlow's appointment is part of a new governance structure, which also includes Mr Glover as the new board chair and Brian Steele as another external director. The new structure will provide the impetus to explore new business opportunities locally and internationally, Mr Cleaver says.

View Greg Twemlow's LinkedIn profile [here](#). More about MUSAC at: www.musac.co.nz.

Date: 30/06/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Education; Innovation



Distinguished Professor David Penny

Penny made honorary life member of science association

Distinguished Professor David Penny from Massey University's Institute of Fundamental Sciences has been awarded an honorary life membership of the New Zealand Association of Scientists.

Professor Penny has undertaken numerous research projects in order to understand biology at its most basic level – the level of the genome (DNA). This includes challenging theories eukaryote (organisms whose cells have a nucleus and other microscopic structures) evolution, finding the origins of flightlessness in birds like the moa, and tracing the origins of kumara.

His accomplishments include ranking among an elite group of New Zealand scientists whose h-index (a measure of scientific productivity and impact defined as the number of scientific papers that have been cited at least that number of times) exceeds 60.

He was awarded the Marsden Medal in 2000 in recognition of his outstanding service to science and the profession of science. He is a Fellow of the Royal Society of New Zealand and, in 2004, was awarded the Rutherford Medal in recognition of his distinguished contributions in theoretical biology, molecular evolution, and the analysis of DNA information. In 2005, Massey University recognised his achievements by appointing him a Distinguished Professor. He was honoured with a special tribute edition of the journal of the New Zealand Association of Scientists in 2009.

Professor Penny has also had a strong interest in New Zealand science policy. He was President of the New Zealand Association of Scientists in 1990 and 1991 and contributed to its original Survey of Scientists – outlining the attributes and accomplishments of the New Zealand research, science and technology workforce, the concerns of scientists and their values relating to science and society.

He was elected an honorary member of the association at the 2014 annual general meeting and was presented with the certificate at the association's 2015 annual conference held in March.

Date: 30/06/2015

Type: Awards and Appointments

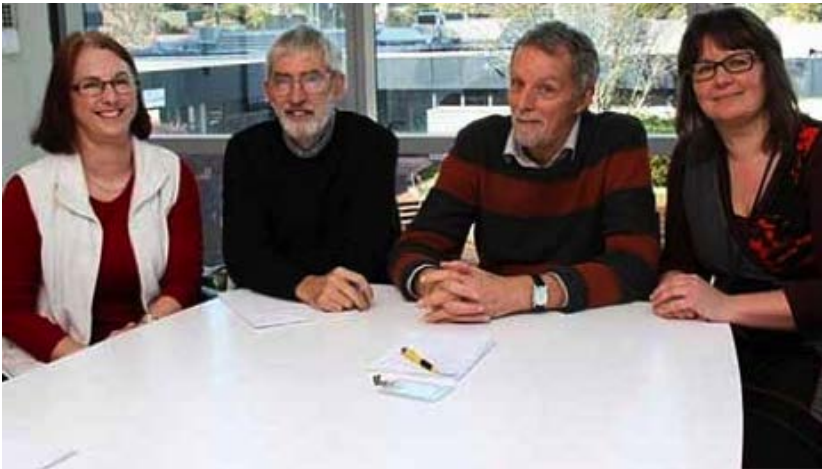
Categories: Home Page article; College of Sciences



Photo courtesy of Daniel Rowe.

Review tests leptospirosis vaccination success

Massey University scientists have been awarded \$480,000 to find out whether the vaccination of dairy cattle against the bacterial disease



The Leptospirosis Research Group (from left) Dr Julie Collins-Emerson, Professor Peter Wilson Professor Cord Heuer, Dr Jackie Benschop.

leptospirosis has been fully effective.

Preliminary research suggests perhaps not, and the independent not-for-profit Agricultural and Marketing Research and Development Trust and the Sustainable Farming Fund of the Ministry for Primary Industries, will fund three years of further research to verify this and determine what can be done better in future.

The funding recipients are scientists from the Farmer Leptospirosis Action Group, who will quantify vaccine programme efficiency in dairy herds across New Zealand by collecting blood and urine samples from animals and questioning farmers about their vaccination practices. They will then develop best practice guidelines for the industry.

Group member Professor Cord Heuer, from the University's Institute of Veterinary, Animal and Biomedical Sciences, says vaccination programmes were probably compromised by timing and incorrect on-farm management of vaccination. "By interviewing farms, collecting samples and other information we can find out exactly why [it was not effective]," Professor Heuer says.

A significant component of the project will involve making the guidelines and recommendations from the research readily available to farmers, veterinarians and industry stakeholders through the Know Lepto [website](#), a DVD and professional meetings.

Professor Heuer says people across the dairy industry will benefit from the research. "We expect people to respond well to the research. There's already high awareness and use of vaccines and ongoing marketing campaigns.

"This research is a major contribution to the improvement of vaccination practices of dairy cattle. It will have implications for animal health and welfare as well as occupational safety and health of farmers, farm workers and professionals working in the dairy and allied industry."

The Leptospirosis Research Group includes world leaders in leptospirosis disease and diagnosis research Dr Jackie Benschop, Dr Julie-Collins-Emerson, Professor Peter Wilson and Professor Heuer.

The programme is also supported by Rural Women New Zealand, the New Zealand Veterinary Association, Dairy New Zealand and Federated Farmers.

Date: 30/06/2015

Type: Research

Categories: College of Sciences; Explore - Agriculture/Horticulture; Research; School of Veterinary Science



(From left) Kaihautu Māori Sheeanda Field with Senior Māori advisor Jacob Tapiata demonstrate the Māori scrabble game

July is Māori Language Month at Massey University

Massey University considers the revitalisation of Māori as a language so important it is extending Māori Language Week to a month of activities.

Te Marama o Te Reo Māori kicks off on Wednesday, with events including Māori movies, waiata sessions, guest speakers and giant Māori scrabble games on all campuses

AUCKLAND CAMPUS

A highlight on the Auckland campus is a weaving workshop by local harakeke specialist Judy Te Hiwi, who will also conduct a tour through the campus native bush garden on July 21.

A Treaty on the Ground conference, run jointly by the University and the Auckland Museum from July 6-8, will discuss the 175th anniversary of the Treaty of Waitangi. The conference provides a forum to discuss how the treaty will affect future Māori and Pākehā relationships. More information is available [here](#).

The Treaty is also the topic of this year's Sir Paul Reeves Memorial Lecture, being given by Professor David Williams on July 21 at the Sir Neil Waters Lecture Theatre. More information is available [here](#).

MANAWATŪ CAMPUS

Students will be able to test their Te Reo skills on giant scrabble boards, called Ketukupu, set up in the library each weekday, or try the online quiz, Kotahi te kupu.

WELLINGTON CAMPUS

A highlight on the Wellington campus will be a presentation on July 15 on the significance of the star Puanga (Rigel). It is the rise of this star rather than the Matariki constellation that marks the beginning of the Māori New Year in parts of Taranaki, Northland, the West Coast of Te Waipounamu and Rekohu/Wharekauri. The

session is run by the Society for Māori Astronomy, Research and Traditions Trust. To book your place, visit the [website](#).

For a calendar of all Te Marama o Te Reo Māori events on at Massey University, or to book your place at events, visit the [website](#).

Date: 30/06/2015

Type: University News

Categories: Alumni; Applied Learning; Auckland; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Conference/Seminar; Feature; Library; Maori; Massey Foundation; Music and campus life; National; Palmerston North; Uni News; Wellington



From left: Kaihautu Māori Sheeanda Field with Senior Māori advisor Jacob Tapiata demonstrate the Māori scrabble game

Massey celebrates celebrates Māori Language month

Massey University considers the revitalisation of Māori as a language so important it is extending Māori Language Week to a month of activities.

Te Marama o Te Reo Māori kicks off on Wednesday, with events including Māori movies, waiata sessions, guest speakers and giant Māori scrabble games on all campuses.

AUCKLAND CAMPUS

A highlight on the Auckland campus is a weaving workshop by local harakeke specialist Judy Te Hiwi who will also conduct a tour through the campus native bush garden on July 21.

The Treaty on the Ground conference, run jointly by Massey University and the Auckland Museum from July 6-8, will discuss the 175th anniversary of the Treaty of Waitangi. The conference provides a forum to discuss how the Treaty of Waitangi will inform future Māori and Pākehā relationships in a post-settlement world. More information is available on the [website](#).

The treaty is also the topic of this year's Sir Paul Reeves Memorial Lecture being given by Professor David Williams on July 21 at the Sir Neil Waters Lecture Theatre. More information is available [here](#).

MANAWATŪ CAMPUS

Students will be able to test their te reo skills on giant scrabble boards called Ketukupu, set up in the library each weekday, or try the online quiz, Kotahi te kupu.

WELLINGTON CAMPUS

A highlight on the Wellington campus will be a presentation on July 15 on the significance of the star Puanga (Rigel). It is the rise of this star rather than the Matariki constellation which marks the beginning of the Māori

New Year in parts of Taranaki, Northland, the West Coast of Te Waipounamu and Rekohu/Wharekauri. The session is run by The Society for Māori Astronomy, Research & Traditions Trust. To book a place, visit the [website](#).

PERSONALISING TE MARAMA O TE REO MĀORI

Massey staff are encouraged to answer their phones with “Kia ora” or sign off their emails with “Ngā mihi”. A comprehensive Massey University guide to Māori culture and te reo resource *Te Puna Hihiko* can be found [here](#).

There is even an audio link to help you pronounce significant words (nga kupu) such as Massey University's Māori name – *Te Kunenga ki Pūrehuroa*. The name is not a direct translation but rather its meaning is from the concept “from inception to infinity” and the name is based on the view of Massey as a provider of life-long learning, able to move beyond traditional structures, and committed to the never-ending expansion of knowledge. Learn how to pronounce it correctly [here](#).

If you would like your whole office to get involved, pages of Māori labels for common objects can be printed out from this [link](#) (please provide your own scissors and tape).

For a calendar of all Te Marama o Te Reo Māori events, and to book places, visit the [website](#).

Date: 30/06/2015

Type: University News

Categories: Auckland; College of Business; College of Creative Arts; College of Health; College of Humanities & Social Sciences; College of Sciences; Creative Arts; Internal Communications; Maori; Music and campus life; National; Palmerston North; Wellington



Haru and her grandfather Tadao (c) 2010 Haru's Journey Film Partners/Lanterna/Monkey Town Productions

Japanese film a rare road movie gem

The Japanese film *Haru's Journey* – to screen at Massey University's Auckland campus on Monday, July 6 – is a rare road movie gem, filmed in the Tohoku region before the devastating 2011 Great East Japan Earthquake.

It's also a fitting prelude to the Japan Foundation's Travelling Exhibition which opens in the campus library on July 11.

The free films are brought to New Zealand with the kind permission of the Japan Foundation and the Consulate-General of Japan in Auckland, and are shown in Japanese with English subtitles.

Auckland campus registrar Andrea Davies says the films offer a window on Japan and are a great opportunity for people to visit the campus.

“The free Japanese films on campus have been really well received by the local community and our students, who either come back specifically to watch the films, or from campus student accommodation where they are living. The films are great for people of all ages.”

Haru's Journey examines the universal themes of acceptance, resilience and reconciliation. Tadao, an elderly fisherman, lives in a lonely village in Hokkaido with his granddaughter Haru. Having injured his leg, he cannot live without her help. When Haru loses her job as a primary school nutritionist, she wants to move to Tokyo to look for new opportunities.



The Voice of a Distant Star (c) Makoto Shinkai/CoMix Wave Films

Tadao is not pleased, but begrudgingly agrees to accompany her on a journey through Tohoku in the hope that one of his estranged siblings will look after him.

The August Japanese film event is a double-feature of Makoto Shinkai's animated films *The Voice of Distant Star* and *The Garden of Words*.

Described as “poignant and beautiful”, *The Voice of Distant Star* is the story of high school students Mikako Nagamine and Noboru Terao. When the alien Tarsians attack, Mikako volunteers to be a pilot in the space force that will protect humankind. The lovers try to remain in contact using text messages, but as each battle takes Mikako further from Earth, each message takes longer and longer to arrive. Will their love stand the test of time and distance?

Written, directed and produced by Makoto Shinkai, the film wowed the mainstream base of anime fandom, who were delighted and touched by his fascinating blend of genre and melancholy. At the time of its release, Shinkai was deemed an exciting new voice in anime narrative.



The Garden of Words (c) Makoto Shinkai
CoMix Wave Films

The Garden of Words is a love story with a twist. When Takao, a young high school student who dreams of being a shoe designer, decides to skip school one day in favour of sketching a rainy garden, he has no idea how much his life will change when he encounters Yukino. Older, but perhaps not much wiser, she seems adrift in the world. Despite the difference in their ages, they strike up an unusual relationship that unexpectedly continues and evolves, with random meetings in the same garden on each rainy day. But the rainy season is coming to a close, and there are so many things left unsaid and undone between them.

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15 pm. Guests are welcome to bring their own snacks.

The films screening are:

July 6

Haru's Journey (2010)

Director: Masahiro Kobayashi

Running time: 134 minutes

Rating: M

August 3

The Voice of Distant Star (2011) + *The Garden of Words* (2013)

Director: Makoto Shinkai

Running time: 25 minutes and 46 minutes

Rating: PG + M

For more information on the Japanese films or the upcoming Japan Foundation Travelling Exhibition *TOHOKU: Through the Eyes of Japanese Photographers*, visit the [website](#).

Date: 30/06/2015

Type: Features

Categories: Applied Learning; Auckland; College of Humanities & Social Sciences; Exhibition/Show; Feature; International; Massey Foundation; Music and campus life; School of Humanities

Library continues to dominate positive student experience

Massey University's Library continues to dominate the ratings of all students in the annual Student Experience Survey.

Students are asked each year about the teaching and learning experience at Massey, the quality of the papers, how they feel their own skills have improved and how much they use and how they rate the services available.

Last year's survey had a high response rate, with 31 per cent of students (just over 8000) taking part.

Overall quality of the educational experience was judged good or very good by 81 per cent of students (3 per cent rated the experience poor or very poor) while 79 per cent gave the same positive rating to teaching and 72 per cent gave it to the online learning environment.

Overall university services were rated good or very good by 80 per cent of students (only 3 per cent thought they were poor or very poor). The Library services were the most utilised and were given a good/very good rating by 92 per cent of respondents. Academic study skills service was given 80 per cent favourable ratings.

Other services received similar favourable outcomes although not quite as positive as the library. Favourable ratings were also received for our information and communication services, with the Massey website rating the highest of all our communication channels.

The most favourable comments from the open-ended questions were about academic staff, the strong sense of gaining knowledge and learning, the exceptional content of the papers and courses you enrolled in, and the social aspects of students' experience at Massey.

There were numerous favourable comments about the distance learning opportunities Massey provides.

There are many ways in which the data from this survey is being used, such as:

- At a high level within Massey this information has been used to support many accreditations. There are approximately 40 qualifications or areas at Massey that undergo annual external reviews. This is a major undertaking that largely goes unseen by students, whose aggregated data contributed to these activities.
- Regular reviews of programmes and their content
- Staff professional development sessions by programme directors, departments, colleges and service units.
- Reviews of the configuration of activities and services, including the Library, Information Technology Service, the Careers Service, Research Management, the University website and more.

Things students are telling us that we need to improve on include:

- The online enrolment process. Although most students have an uneventful enrolment experience, many do not.
- Feedback on assignments. The National Centre for Teaching and Learning is looking at a project to respond to this aspect of students' feedback.
- Quality assurance activities relating to Stream are being reviewed to ensure the online experience is significantly improved and more consistent.
- Improvement to the way printed materials are produced. Changes made to the way printed materials are produced can be monitored by this survey.

To acknowledge the value the University places on students' contribution and the size of the undertaking for those students, Massey is providing substantial prizes for those who participate. This year's Student Experience Survey will be distributed in semester two.

For any further information go to the [SES One Massey](#) website or contact Student Survey and Evaluation Unit manager [Malcolm Rees](#).

Date: 30/06/2015

Type: Internal Communication

Categories: Any



Swimmer Laura Quilter is among the team representing New Zealand at the World Uni Games.

Big Massey presence in New Zealand's World Uni Games team

Massey students make up a quarter of the New Zealand Universities team attending the World Universities Games in South Korea this month.

Sixteen of the 66 athletes are from Massey; 14 are studying at overseas universities and the others are from New Zealand universities and other tertiary institutions.

Among them is swimmer Laura Quilter, who won a Massey Blues award two years ago at the Auckland campus.

Massey's extensive distance education offering has always made it a popular choice for those competing in sport nationally and internationally.

Athletics, with 30 athletes, is sending its largest ever contingent to the games and swimming is also sending a large team of 16. The New Zealand team members will also compete in table tennis, rowing, fencing and artistic gymnastics.

Included in the athletics team is Angie Petty, who finished fourth in the 800m and 1500m at the last Games in Kazan, Russia; Eliza McCartney, who won bronze in pole vault at last year's junior world athletics champs, and double silver Commonwealth Games medallist Nikki Hamblin who will race the 1500m. Swimmers Kate Godfrey and Laura Quilter are among those returning to a World University Games after competing at the 2013 Games in Kazan. Massey rower Toby Cunliffe-Steel will be competing in his second Universiade regatta, after competing in the men's lightweight double scull in 2013 where he finished seventh. This is the fourth time a New Zealand table tennis team has gone to the Games.

The World University Games is a major international sporting event that is held every two years for student athletes from around the world. This year more than 13,000 athletes from 141 countries will be competing in Gwangju for the 28th biennial event. This compares to around 10,000 competitors from 205 nations at an

Olympic Games. In some sports, the competition fields will be tougher than at a Commonwealth Games, as sporting powerhouses such as Russia, China and the United States send teams.

New Zealand Team chef de mission Christine Arthur says that for many athletes, the World University Games will be their first experience of competing at a multi-sport, international event. Some athletes will be aiming to use the games as a stepping stone towards selection to senior world championships and Olympic Games.

"Competing at the games is significant, as it closely resembles an Olympic Games," Ms Arthur, a two-time Olympian, says. "For some of the athletes, this will be the pinnacle of their sporting careers and, for others it will be a springboard to the Olympic Games."

The New Zealand Olympic Committee is managing the team and carrying out the logistics, as it has done for the two previous World University Games.

The competition in Gwangju runs from 3-14 July.

The athletes in the New Zealand Team are:

Artistic Gymnastics

Callum Phillips (University of Auckland)
Devy Dyson (University of British Columbia)
Jordan Rae (Bowling Green State University)
Leo Golder (University of Auckland)
Tim Jones (Auckland University of Technology)

Athletics

Aaron Booth (Massey University)
Aaron Pulford (Waikato Institute of Technology)
Angie Petty (University of Canterbury)
Bailey Stewart (Auckland University of Technology)
Ben Langton-Burnell (Massey University)
Brad Mathas (University of Canterbury)
Cameron French (Waikato Institute of Technology)
Camille Buscomb (University of Waikato)
Daniel Balchin (University of Canterbury)
Eliza McCartney (University of Auckland)
Elizabeth Lamb (University of Auckland)
Fiona Morrison (University of Canterbury)
Jack Henry (Victoria University of Wellington)
Julia Ratcliffe (Princeton University)
Katherine Marshall (University of Tulsa)
Keeley O'Hagan (Victoria University of Wellington)
Kelsey Berryman (University of Canterbury)
Mariah Ririnui (University of Waikato)
Marshall Hall (Southern Institute of Education)
Matthew Wyatt (Unitec Institute of Technology)
Nick Southgate (Massey University)
Nikki Hamblin (Open Polytechnic of New Zealand)
Nneka Okpala (Monash University Melbourne)
Rochelle Coster (Massey University)
Rosa Flanagan (Christchurch Polytechnic Institute of Technology)
Scott Burch (Massey University)
Te Rina Keenan (Massey University)
Tori Peeters (Otago University)
Torie Owers (University of California)
Veronica Torr (Massey University)

Diving

Ollie Armstrong-Scott (University of Otago, Wellington)

Fencing

Alice Boyd (University of Auckland)
Daniel Garelja (Unitec Institute of Technology)
Stephanie Wyllie (Massey University)

Rowing

Adelle Stead (University of Waikato)

Joshua Earl (University of Waikato)

Rachael Kennedy (University of Otago)

Toby Cunliffe-Steel (Massey University)

Swimming

Alex Peach (Delta State University)

Caroline Baddock (Auburn University, USA)

Daniel Hunter (AUT University)

Ewan Jackson (Massey University)

Georgia Marris (University of Florida)

Helena Gasson (University of Waikato)

Kane Radford (Massey University)

Kate Godfrey (University of Otago)

Laura Quilter (Massey University)

Michael Mincham (AUT University)

Monique King (Massey University)

Natasha Lloyd (Auburn University)

Phillip Ryan (Open Polytechnic)

Sam Perry (Leland Stanford Junior University)

Samantha Lee (Massey University)

Shaun Burnett (Massey University)

Table Tennis

Daniel Lowe (University of Auckland)

Hweiching Lim (University of Kent)

Jonathan Wang (University of Canterbury)

Julia Wu (University of British Columbia)

Natalie Paterson (Massey University)

Roger Rao (Duke University)

Zhiyang Cheng (University of Auckland)

Date: 01/07/2015

Type: University News

Categories: Home Page article; Academy of Sport; International



Distinguished Professor Harjinder Singh is to head the new Massey University Institute of Food Science and Technology

Largest food science institute tackles global issues

A new institute has been launched at Massey University which will deliver not only high quality teaching programmes and



Professors Emeriti Dick (left) and Mary Earle (right) reveal a commemorative plaque to mark the opening with Professor Paul McDonald and Distinguished Professor Harjinder Singh

multidisciplinary research but also connect with the real world, industry and businesses – all to solve the big food and nutrition challenges facing the globe.

The Massey University Institute of Food Science and Technology (MIFST) was launched last night at a dinner on the Manawatū campus.

The new institute is an overarching structure that melds together the activities of the School of Food and Nutrition, FoodPilot and Riddet Innovation to become the Southern Hemisphere's leading and largest food and nutrition group.

The key issues the institute will address are creating nutritious foods for the future, food and nutrition security, food safety and food innovation. Scientists will also look to develop novel food products ingredients, advanced processing technologies, and innovative packaging of foods.

The institute will be headed by world-renowned authority in food science Distinguished Professor Harjinder Singh. He will remain co-director of the Riddet Institute Centre of Research Excellence with Distinguished Professor Paul Moughan – a move which aligns the strategies of both institutes.

“The institute creates a critical mass and will offer innovative teaching programmes combined with world-class research capability and facilities,” Professor Singh says.

College of Health Pro Vice-Chancellor Professor Paul McDonald said this initiative brings together the best of all worlds. “It combines excellent academic and teaching programmes with world-class research opportunities” he says. “Massey is taking the lead to answer the problems facing humanity.”

Company director of cDNAk Enterprises Limited Dr Kevin Marshall agreed. “The New Zealand food industry contributes a great deal to our economy. In the future, we're going to need highly skilled people who have the capacity to create and innovate. This institute is going to play a key role in providing an innovative training environment for graduates as well as providing the research and development the industry's needs.”

Massey University Vice-Chancellor Steve Maharey said the institute will work well with the university's other multi-partner initiatives. “We are part of the New Zealand Food Safety Research Centre, FoodHQ and the Ministry of Business Innovation and Employment-funded food processing alliance. The umbrella structure of MIFST cements our role in Australasia as the leading academic and research grouping in food and nutritional sciences.”

The dinner last night saw a gathering of leading people in the food industry and the sciences including Palmerston North mayor Grant Smith, Fonterra external relationships liaison manager Dr Kevin Palfreyman, Director of Commonwealth Scientific and Industrial Research Organisation (CSIRO) Flagship of Food Nutrition and Bioproducts Professor Martin Cole and Chief Executive Officer of the Royal Society of New Zealand Andrew Cleland.

Also among them were Professors Emeriti Dick and Mary Earle, who have made a huge contribution to the development of food technology study at Massey University and around the world. They revealed a commemorative plaque to mark the opening.

The launch of the institute coincides with the fiftieth anniversary of the New Zealand Institute of Food Science and Technology.

Date: 01/07/2015

Type: University News

Categories: Home Page article; College of Health; Explore - Food; Explore - HEALTH; Innovation; Research; Research - Future Food Systems; Research - Health and Wellbeing; School of Food and Nutrition; Vice-Chancellor



Dr Jeff Stangl, pictured in Massey University's Trading Room.

Opinion: A code of conduct for all advisers

Seven years on from the Global Financial Crisis, our newspapers and airwaves still feature the legal battles of investors trying to claw back what they can of their life's savings. This is the very real, human cost of receiving bad financial advice.

In the aftermath of the GFC, which included dozens of finance company collapses, the government rushed through legislation to improve investor protection and the Financial Advisers Act 2008 was born. Because of the risks associated with such a quick process, the Act included a review clause, and the consultation process for that is currently underway.

Many readers will be thinking, "So what?" But getting this legislation right potentially means the difference between investors protecting and growing their assets, or losing everything. And "investors" aren't only those with large stock portfolios; they also include everyday Kiwis struggling to save for a house deposit or their retirement, or purchasers of insurance and mortgage products.

The review of the Financial Advisers Act is a unique opportunity to change those parts of the regime that have caused confusion and frustration – and there are several. To help get the conversation started, the Massey Business School partnered with INFNZ and CFA Society (the two key professional bodies for providers of financial advice) to hold a forum to discuss the review this week.

All points of view were represented and there was consensus on a number of key issues that may provide a way forward in terms of increasing access to advice and protecting consumers from unethical behaviour.

One of the points raised many times at the forum was the need to simplify things. Advisers wanted simpler compliance requirements, and consumer groups wanted simpler terminology, simpler disclosure statements and a better understanding of their rights.

It seems consumers are not even clear about the different types of adviser. Do you know the difference between an *authorised* financial adviser and a *registered* financial adviser? Anecdotally, more people think registered advisers are more qualified than authorised advisers, when the opposite is true.

Only authorised advisers are required to comply with the Code of Professional Conduct associated with the Financial Advisers Act. From a consumer point of view this makes little sense. And from an adviser point of view the Code of Conduct is a 40-page document and many are drowning in the paperwork it takes to comply with its requirements.

Financial advisers at the forum indicated the burden of compliance has become so heavy that many are considering leaving the industry or restricting their services to customers with large investment portfolios. This is reflected in the falling number of advisers, which is not a good result if the end game is to make sound financial planning available to as many people as possible.

I think an elegant solution is a simplified code of conduct that all providers must adhere to. It's about creating a new culture of trust, one where everybody knows how a financial adviser is meant to behave and there is legal recourse if an adviser acts unethically.

The Code of Conduct should outline the minimum level of professional standards, including for registered financial advisers who currently have no competency requirements, and the minimum standards of professional behaviour. These should be comprehensive and simply worded so every person who seeks financial advice understands what their rights are as a consumer. I believe it should fit on a single A4 page.

For those who want to sell or broker more complicated financial products, or gain membership to professional bodies, additional qualifications and requirements might be appropriate. But straightforward, minimum requirements that apply to everyone are the only way to reduce consumer confusion.

It goes without saying that any Code of Conduct would need teeth. It needs to tell both advisers and investors, "This is how an adviser is meant to behave and, if they don't, they will be in serious trouble."

This would also deal to that other vexed issue: commissions. Registered financial advisers aren't currently required to disclose the commission they receive from product providers. Many customers don't realise they are paying this commission through higher premiums. If asked to pay upfront for independent advice, many would walk away.

At the end of the day, if commissions allow more people to access advice, it shouldn't really matter as long as there is transparency. A Code of Conduct should require good, clear, simple disclosure about the relationship an adviser has with a provider.

Trust can only be built if people feel their adviser is being upfront with them and they can bank on their advice. When consumers and investors believe their adviser is acting in their best interests we can begin to restore confidence in the financial sector and New Zealand's capital markets.

Dr Jeff Stangl is a senior finance lecturer at Massey University and vice-president of the CFA Society.

Date: 01/07/2015

Type: Features

Categories: Home Page article; College of Business; School of Economics and Finance



Research explores winning off the rugby field in Samoa

As much as NZD \$21 million is sent back to the Pacific Islands annually by Pasifika athletes now resident in New Zealand and other parts of the world, a study investigating the value of sport-generated remittances has found.



As an extension to the notion that sport can bring about economic gains for communities, Dr Rochelle Stewart-

Dr Rochelle Stewart-Withers with Koli Sewabu, a former professional Fijian rugby player, at the launch of the Pacific Research and Policy Centre, where they presented findings from their research into the value of sport-generated remittances.

Withers is visiting Samoa for the inaugural All Black versus Manu Samoa Test match to be held at Apia to explore some of the further economic and social spin-offs of this unique event.

Semi-professional and professional sports people, including elite rugby players, send the money back to support wider family from places including New Zealand, Australia, France and Japan.

A feasibility study commissioned by the Ministry of Foreign Affairs and Trade Aid Division, undertaken by Dr Stewart-Withers, a lecturer in the School of People, Environment and Planning, with Massey University colleagues, showed the money sent back to their home islands by Pasifika athletes represented about five per cent of all remittances.

Dr Stewart-Withers calculated the value of remittances for Samoa in 2012 with colleague Dr Sam Richardson (from the School of Economics and Finance) and Master of Business Studies graduate and former Fijian Professional rugby player Koli Sewabu. They found Samoan migrants based in other countries contributed US\$128 million (about NZD\$188 million). This amounts to more than 23 per cent of Samoa's Gross Domestic Product, with athletes contributing a significant proportion.

When all the Pacific Islands are factored on a per capita basis, athletes send between 6.8 to 13.6 times more money back to the islands than migrants in other jobs, she says.

“When you couple this with the fact the demand for Pacific Island rugby athletes is also growing, the potential is huge.”

At present some of the benefits appear to only be short-term with further research required to determine how to make the opportunities afforded by remittances more sustainable. This was especially important given the relaxation of rules allowing more Pasifika players to play in Europe, and in particular the lucrative French rugby club scene, she says.

“Despite this opportunity, high earnings and large amounts being sent home to families, communities and players do not seem to benefit as much as they could long term, impacts are not sustainable as they should be.”

A three-year pilot programme has been proposed in Fiji aimed at supporting professional and semi-professional rugby players' to access financial literacy, business development support and management training to help them and their families and wider communities make the most of money being sent back from overseas.

“The initial intention will be to target existing and new professional and semi-professional Fijian rugby players and their families and wider communities, with plans to progress this into other countries, including Samoa and Tonga with additional funding and, all going well, looking wider afield to other sport- labour migrants and indeed non-sport labour migrants,” Dr Stewart-Withers says.

In the meantime she is interested in the timing of the All Blacks visit to Apia and what impact it may have at the grassroots level of the game in Samoa. Beyond that she will also be keenly observing the benefits derived for the hospitality trade as well as market stall owners, and whether tourists make more than just a flying visit to experience Samoa away from Apia.

“In taking a critical view maybe the positive spinoffs won't be about the economic gains so much – it might instead be about less tangible but just as valuable things such as goodwill, pride, the relationship between New Zealand and Samoa which values the historical and contemporary connections with trade, aid, labour migration and sport,” she says.

“The focus of our research is really about understanding who wins and in what ways, beyond the game.”

Date: 02/07/2015

Type: Research

Categories: Home Page article; College of Business; College of Humanities & Social Sciences; Explore - Planning; Pasifika; Research; School of Economics and Finance



Still from Connect to the Heartland of Tanenuiarangi Manawatu Incorporated members netting glass eels

Recognition for Massey filmmaker's environment doco

Filming the capture of tiny glass eels under a full moon posed quite a challenge for Massey University lecturer Dr Sy Taffel. But he succeeded and his documentary on the work of Environment Network Manawatū volunteers has been awarded.

Dr Taffel's 24-minute documentary was recognized at the Manawatū and Districts Volunteer Recognition event recently. It traces the activities of a dozen volunteers from among the nearly 50 local environmental groups.

The film, titled *Connect to the Heartland*, includes footage and interviews to showcase the huge volunteer input in caring for the local environment, from wetland restoration, tree planting in nature reserves and parks to recycling and river conservation.

One of the trickiest – and most intriguing – segments to film was the work of an iwi organisation, which captures and transfers tiny migratory glass eels from streams around Himitungi Beach to ensure numbers are sustained. Glass eels are the juvenile transparent phase of freshwater eels that spawn in the ocean and enter the estuary, but most die en route as they move up the river. The optimum time to catch them is at night under a full moon, which created some lighting challenges during filming.



Filmmaker Dr Sy Taffel

Dr Taffel, who teaches in the School of English and Media Studies at the Manawatū campus and has a strong interest in environmental and sustainability issues, made the film for Environment Network Manawatū 611

to showcase the work of volunteers as a way of encouraging others to get involved.

Sharon Stevens from Environment Network Manawatū says Dr Taffel volunteered “hundreds of hours” over 15 months during his spare time to film and edit the documentary. “The film, completed in April, represents diverse ways volunteers can enhance water quality, biodiversity, the urban environment, community resilience and more,” she says.

“We’re keen to show it to service groups, to businesses looking to promote sustainability and to the general public.

“When he first asked how he could get involved, I had been working on a mediocre slide presentation for service clubs. I asked for a film almost flippantly – it seemed too much to undertake. But Sy’s commitment was huge and genuine. He agreed readily, bringing professionalism and kindness to his work.”

Dr Taffel, who moved to New Zealand from the UK in 2013 to work at Massey, says the project was a great way to get to know the region and its people, especially those working in an area that interests him.

The film, which was one of three entries recognised in the Migrant category, will have its first public screening at the Reel Earth Film Festival later this year, with other screenings planned.

Date: 02/07/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Humanities & Social Sciences; Environmental issues; Maori; Palmerston North; Uni News



Dr Jodie Hunter (middle) at the MERGA conference

Algebra advocate wins prestigious maths award

Researching ways to introduce primary school learners to the “big ideas” of mathematics through algebra has earned a Massey University maths education scholar a prestigious award from the Mathematics Education Research Group of Australasia.

Dr Jodie Hunter, from the Institute of Education, won the Mathematics Education Research Group of Australasia's (MERGA) Beth Southwell Practical Implications Award for her research paper entitled *Teacher actions to facilitate early algebraic reasoning*, based on her PhD research completed in England.

Dr Hunter is only the third New Zealander to win the award in the 25 years since it began. The previous two were also from Massey University and include her mother and innovative mathematics educator Associate Professor Bobbie Hunter, who won the award in 2008. Professor Glenda Anthony won it in 1996, before becoming the first New Zealander to be awarded a prestigious MERGA career research medal in 2013.

Dr Hunter was presented with her award at the organisation's annual conference this week in Queensland, Australia, where she also gave a keynote speech.

The award is sponsored by the Australian Mathematics Teacher Association for research dealing with a significant ongoing problem or issue in mathematics teaching practice. It recognises research that provides relevant and practical information for both mathematics teachers and teacher educators.

Algebra, says Dr Hunter, has traditionally been seen as a subject only suitable for secondary school level. “But this artificial divide between the mathematics at primary and secondary schools has meant algebra is often a gate-keeper for participation in higher level mathematics,” she says.

She says algebra plays an important role in ensuring access to both potential educational and employment opportunities. “Other researchers have described algebra as an essential type of thinking for participation in a democratic society – I really agree with this idea because algebraic thinking is more than just the learning of algebraic concepts. It's also engaging in processes such as justifying ideas, proving them and generalising.”

In her UK doctoral study she worked with teachers to help introduce algebraic reasoning into their classrooms.

“The teacher described how the children could talk more mathematically, come up with conjectures, talk about relationships and see things algebraically,” she says. “I observed this in the classroom too – the excitement of the children when they made conjectures about big ideas in maths and noticed relationships and patterns.”

In her keynote speech she presented a framework she has devised from her doctoral research to help teachers develop algebraic reasoning in their everyday mathematics lessons.

Dr Hunter also recently received a Fulbright New Zealand Scholar award last month enabling her to investigate a culturally informed, mathematics teaching concept developed by researchers and educators at the University of Arizona in the US.

The study grant will allow Dr Hunter to build on her extensive work with Dr Bobbie Hunter along similar lines with cultural minorities in New Zealand. They have spearheaded a Ministry of Education-funded, culturally-attuned approach to address mathematics under-achievement in Pasifika and Māori pupils at low decile schools. The approach has resulted in significant improvements for pupils at schools working with the programme.

Both the ‘communities of inquiry’ being implemented here and the University of Arizona’s ‘funds of knowledge’ approaches are based on the notion of bridging the divide between school and home. This involves teachers embracing students’ cultural values and family contexts, and involving parents in their children’s learning.

Caption: Dr Jodie Hunter (middle) at the MERGA conference organiser Margaret Marshman and Professor Max Stephens, University of Melbourne, who is representing Australian Association of Mathematics Teachers.

Date: 02/07/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Education; College of Humanities & Social Sciences; Pasifika; Research; Uni News



Home affordability across New Zealand has decreased by 11.3 per cent over the past 12 months.

Auckland continues to break affordability records

The latest Massey University Home Affordability Report shows that homes in Auckland are now 56 per cent less affordable than the rest of the country – the second consecutive quarter that margin has reached record levels.

“Last quarter we reported that the margin by which Auckland's unaffordability exceeded the whole country had – at 49 per cent – reached its widest in the history of the Massey Index,” says Massey University senior property lecturer Dr Susan Flint-Hartle. “Well, the most recent quarter shows that trend is only continuing.”

The report, which covers the period from March 2015 to May 2015, shows that home affordability in Auckland declined by 10.2 per cent over the quarter and by 25 per cent over the previous 12 months.

Auckland versus the rest

In stark contrast, eight of the country's 12 regions actually showed improvements in affordability over the last quarter – but these improvements could not outweigh what the report calls the “Auckland effect”. The quarterly decrease in affordability across New Zealand was 5.4 per cent, while the annual figure now stands at 11.3 per cent.

Dr Susan Flint-Hartle says movements in house prices were the driving force behind both the declines and increases in affordability across the regions.

“House prices actually fell in six of the eight regions that showed improvements, while house prices increased in all four of the regions that showed affordability declines,” she says. “But amongst these four



Dr Susan Flint-Hartle.

regions, Auckland stands out because its average house price increased by \$74,000 over the quarter.”

Will lower interest rates have an impact?

The report says the recent reduction in the Official Cash Rate, when fed through into lending rates, should ease mortgage costs in the short term. But the impact on overall affordability in the Auckland market remains hard to predict.

“A reduction in the cost of borrowing will provide welcome relief for many home owners, especially those with heavy mortgage payments,” Dr Flint-Hartle says. “Some people entering the market may be encouraged to commit at a deeper level but there is little to suggest even more impetus in the growth of house prices than we are already seeing, at least in the short run. I feel it's 'no change and progress as usual'.

“A number of market participants with equity and considerable resource are unaffected by minor interest rate movements and it is this group that continues to drive demand for the limited number of properties available in the Auckland market.”

Download the full report

The Massey University Home Affordability Report with regional breakdown: <http://bit.ly/home-affordability-june2015>

Key findings:

- Quarterly deterioration in national affordability of 5.4%.
- Annual deterioration in national affordability of 11.3%.
- Canterbury/Westland was the only region to improve over the past 12 months.
- Eight regions show improvements in affordability over the last quarter.
- Auckland's unaffordability relative to the whole country continues to grow.

Most affordable region: Southland – 54% more affordable than the national average. (However, Southland's affordability has declined by 21.2% over the past year).

Least affordable region: Auckland – 56% less affordable than the national average.

Date: 02/07/2015

Type: Research

Categories: Home Page article; College of Business; School of Economics and Finance



(From left to right) Simon Bennett, Turoa Haronga and Hukarere Valentine at the hui

The rise of Māori academic achievement in mental health

The phenomenal success of a groundbreaking programme to develop Māori Health professionals has been celebrated at a special hui in Auckland today.

Te Rau Puawai was the brainchild of Māori Mental Health pioneer Sir Mason Durie and over the last 15 years the Massey University programme has seen 400 students graduate with a 90 per cent pass rate.

It is a success rate that is the envy of many academic institutions, but of greater significance is Te Rau Puawai's contribution to Māori mental health with 60 per cent of graduates now working in the sector.

Te Rau Puawai is a collaboration between Massey University and Health Workforce New Zealand, and board chairman Associate Professor Te Kani Kingi told the gathering that Massey University's willingness to innovate and change the way it did things was a key contributor to the programme getting off the ground.

The programme grew out of concerns by staff from Massey University's School of Psychology at the high attrition rate of capable Māori students and a desire to recognise that Māori students needed a different approach. The programme provides bursaries and learning support for Māori students wanting to start or complete a Massey University qualification in Māori mental health.

Kirsty Maxwell Crawford, who led the programme at its inception, says a whanau approach to learning was developed alongside the initial students and was grounded in solid relationships with students - even those studying at distance. This also included an 0800 hotline for students and a weekly phone team who would phone students to offer them support and keep track of their progress.

Director of Health Workforce New Zealand Dr Graeme Benny paid tribute to the programme, warning that a mental health catastrophe is looming in the community — where the average time a patient spends with their GP is only 15 minutes a year.

“This is not long enough to get to really discuss underlying mental health issues.” He says New Zealand has to better utilise the existing healthcare workforce.

Hukarere Valentine is a graduate of Te Rau Puawai and is now a clinical psychologist at Massey University in Manawatū. She says she often ended up being the only Māori in the room when studying. “Te Rau Puawai gave that wrap-around support and was the one place I could be Māori and successful.”

For more information on the programme, visit the [website](#).

Date: 03/07/2015

Type: University News

Categories: Home Page article; Alumni; Applied Learning; Auckland; College of Health; College of Humanities & Social Sciences; Environmental issues; Explore - HEALTH; Extramural; Feature; Maori; National; Palmerston North; Scholarships; School of Psychology; Uni News; Wellington



Francisco Gonzalez Bonilla leads a salsa class in the Wool Building with Freyberg High School pupils

Feet do the talking for Freyberg language students

More than 100 Spanish and Japanese language pupils from Palmerston North's Freyberg High School hit the dance floor for a hip-swaying salsa lesson at the Manawātū campus this week. The lesson was part of a fun morning of cultural events to highlight the value of learning another language.

Francisco Gonzalez Bonilla, a Colombian tutor from the School of Humanities' Spanish Language Programme, led 111 Freyberg pupils from Year 10 to Year 13 in a lively class that had even the most reluctant unable to resist the salsa, mambo and merengue rhythms.

The lesson was the culmination of separate Spanish and Japanese sessions focused on broader cultural knowledge and learning experiences through quizzes, games and video. This was followed by a campus tour led by Student Recruitment Advisors.



Massey University and Freyberg High School language teachers in front of the Japanese Star Festival decorations

Dr Penny Shino, coordinator of the Japanese Language Programme, introduced the Massey programme then Japanese tutor Mr Toshi Yamauchi gave "nano-lectures" on the meaning of 'kawaii' (cute) and

'mottainai' (wasteful), which have now entered the English vocabulary. The session ended with a general knowledge quiz about Japan.

Japanese Star Festival and wishing treesIn a combined session, Japanese and Spanish pupils all took part in a traditional Japanese custom celebrating Tanabata, or the Star Festival, which takes place on July 7.

"Tanabata is based on a Chinese legend about two stars, the Weaver Star (Vega) and the Herdsman Star (Altair), who fell in love and were married," she says. "However, they were banished to opposite ends of the skies by the King of Heaven because they became lazy and stopped working. Eventually he relented and allowed them to meet on one day of the year – July 7 – when magpies make a bridge over the skies with their wings. I thought it complemented Matariki quite nicely – it's nice to have two star celebrations at the same time."

"The custom is to write wishes on coloured paper strips and hang them on branches of bamboo grass (sasa). Afterwards these are often burned or floated downstream. Freyberg took theirs back to school – maybe they will end up in the Manawatū River," Dr Shino says.

Hispanic knowledge part of the gameEarlier on, Freyberg Spanish language students were divided into teams to play Jeopardy, with a variety of questions on Hispanic culture, music, food, geography, literature and art. They also learned about Massey's Spanish Language programme – which has been designed specifically for Australasian learners – and watched videos about language exchanges in Spain and Chile.

It was one of a series of school visits the Spanish Programme has been organising since last year, with Spanish language staff going out to secondary schools in Auckland, Hawke's Bay, Taupo, Taranaki, Rotorua and Whakatane to deliver fun, engaging cultural activities based around the Spanish language.

Dr Celina Bortolotto, from Argentina, who coordinated the visit with Freyberg's Spanish language teacher Elizabeth Paine, says the event comes under a Memorandum of Understanding signed at the beginning of this year between Massey University and Freyberg High School.

Spanish, French, Japanese and Chinese language programmes are all offered through the School of Humanities.

Associate Professor Kerry Taylor, head of the School of Humanities, says: "It's wonderful seeing so many students embracing international languages and having so much fun doing it. Cross-cultural communication is increasingly important in the 21st century as we all travel so much more, whether for business or leisure.

"Transferable skills such as communication, critical thinking and cross-cultural understanding are at the heart of the Massey Bachelor of Arts. Smart, connected global citizens are what we seek to produce in the School of Humanities."

Date: 03/07/2015

Type: Features

Categories: Applied Learning; College of Humanities & Social Sciences; Creative Arts; Feature; International; Music and campus life; Palmerston North; Teaching

Academic Dean appointed

Professor Malcolm Wright, currently the deputy pro vice-chancellor of Massey Business School, has been appointed to the new position of Dean, Academic.

Professor Wright will support the Office of the Assistant Vice-Chancellor Research, Academic and Enterprise in advancing the university's strategic goals for quality assurance, developing academic programmes and nurturing Massey's teaching and learning framework.

Professor Wright's primary focus in the short term will be as a key member of the team tasked with delivering the successful implementation of the new Student Management System alongside the stewardship of a programme of work to ensure that Massey University engages successfully with the recommendations arising from our recent NZAQA audit.



Professor Malcolm Wright

Professor Wright is an active researcher and his appointment includes provision to continue his research with colleagues and students in the School of Communication, Journalism and Marketing. Professor Wright will retain his current role as deputy pro vice-chancellor until September 30 to help ensure a smooth transition for the Massey Business School.

Date: 03/07/2015

Type: Internal Communication

Categories: Any



Caption: Fashion designer Steve Hall (third from left) with models for his award-winning collection “Abandon Man.”

Further success for Māori fashion designer

Fashion designer Steve Hall is having a stellar year, winning the Supreme Award at the 2015 Miromoda Fashion Design competition for Māori designers.

The 25 year-old, who studied at Massey's College of Creative Arts, was also presented with the Emerging Award at the prizegiving for Miromoda (Indigenous Māori Fashion Apparel Board) in Hamilton.

These latest awards will sit alongside the International Emerging Designer Award he received at the iD Fashion Week in Dunedin in April.

The Miromoda competition is well established in the tertiary community and draws entries from most, if not all, New Zealand fashion schools, as well as internationally based Māori fashion designers.

Mr Hall, who is of Te Arawa descent, was judged the winner from 20 short-listed entrants and will have his collection included as part of the Miromoda Showcase, which will be held as part of New Zealand Fashion Week in August.

Head judge Dame Pieter Stewart acknowledged Hall's exceptional year, noting he is “clearly a name to watch for”.

Mr Hall says developing his interest in his iwi ancestry is just one outcome he hopes to explore further from his recent successes.

“It's been a great year and getting to fashion week is exciting, as is what will hopefully come from that too.”

Mr Hall's submission of designs represents an evolution from the male urban street wear he designed when studying at the College of Creative Arts, which he attended after starting his studies at Bay of Plenty Polytechnic.

His collection, *Abandon Man*, draws on Japanese culture and the costume of the samurai and ninja.

While he may have been a clear winner, Dame Pieter said the high level of talent in the Emerging section made selection extremely difficult, forcing the creation of a sportswear section and angst for judges and entrants.

“Once again, the competition was most impressive and gave me a lift to see such fantastic talent coming through.”

Date: 03/07/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Creative Arts; Creative Arts; Maori; Wellington



Chinese currency grows in global importance

Emeritus Professor Srikanta Chatterjee has recently returned from China after presenting a paper on the internationalisation of the Chinese currency, the Renminbi (RMB) or Yuan, at an international conference organised by Renmin University in Beijing.

With the rapid growth of the Chinese economy over several decades, built mainly on strong and sustained export growth, the Chinese currency has become an asset in high demand internationally.

Attendance at the conference was by invitation only, and specialists from within China and abroad addressed issues around the internationalisation of the RMB and its appropriate exchange rate.

Professor Chatterjee's paper was entitled 'China and the Evolving Global Economic Structure: An Analytical Overview'.

"It provided an overview of how, led by China, the centre of gravity of the global economy has been shifting away from the West to the emerging economies of Asia, and how that has come to be reflected in the value of the RMB and its exchange rate," he said.



Emeritus Professor Srikanta Chatterjee.

Date: 04/07/2015

Type: University News

Categories: College of Business



Palmerston North Boys' High student Eru Findlay taking part in a 'traffic light' chemistry experiment.

Students get hands-on with science

Secondary school pupils from throughout New Zealand have discovered that science is more than just lab coats and test tubes at a special science open day at Massey University.

Over 100 pupils took part in the Kura Putaiao day at the Manawatū campus today. The event aims to get pupils of Māori descent engaged with science and pursuing science and health careers.

Through interactive laboratory sessions, mini lectures and meeting with academic staff and research leaders in their fields, students could get an insight into the possibilities.

Pupils could try their hand at a number of science disciplines including peering down a microscope at biological specimens, watching a horse running on a treadmill, dabbling in chemistry and physics experiments and interacting with robots.

They were also invited to attend a series of mini-lectures to get a taste for university life, on topics ranging from the biology of wasps to resource planning. Pupils could also go on tours of the nursing, sports and exercise and animal science labs as well as campus facilities; accommodation halls, Recreation Centre and library.

Student Recruitment Māori Advisor Renée Carson said it is all about getting pupils excited about coming to university and studying science.

“There is increasing need to engage students in sciences at secondary and tertiary and this need is greater for minority groups.”

“With the predicted growth in science, health, technology and primary industries it is important that young Maori scientists technologists and health specialist are nurtured to succeeded in these pathways.”

This is the third year the event has been run.

Date: 06/07/2015

Type: University News

Categories: College of Sciences



Professor Ravindran speaking at the New Zealand Society of Animal Production conference

Massey professor named top animal scientist in NZ

Professor Velmurugu (Ravi) Ravindran has been awarded the New Zealand Society of Animal Production's McMeekan Memorial Award – the country's highest honour for a production animal scientist.

The award is only given when there is an outstanding individual or group worthy of the honour – with the last recipient being in 2013.

Professor Ravindran, from the Institute of Veterinary, Animal and Biomedical Sciences, specialises in poultry nutrition, with emphasis on nutrient metabolism, feed enzymes, feed evaluation, amino acid availability, gut flora management and early nutrition in poultry.

Senior lecturer Dr Nicola Schreurs, who nominated Professor Ravindran for the award, says Professor Ravindran's strong ties with the industry have allowed for rapid advances in technology.

“The progressiveness of the poultry industry is highly attributable to the work that Ravi has done.”

“He is also widely acknowledged as a researcher who laid the foundations for much of the current understanding of feed enzyme technology. This is an area that is becoming more critical in the current context where the focus is on sustainability – maximising the utilisation of available feed resources and lowering the environmental impact from animal production.”

The McMeekan Memorial Award is in honour of New Zealand Society of Animal Production foundation member, past president and distinguished leader in animal production research and administration, in New Zealand and throughout the world, Dr McMeekan. "Mac" had a tremendous influence on New Zealand agricultural research and was instrumental in the development of Ruakura as a world renowned agricultural research centre.

Date: 07/07/2015

Type: Awards and Appointments

Categories: College of Sciences; Explore - Agriculture/Horticulture; School of Veterinary Science



Photo courtesy of Ian Barbour

Opinion: A species bias in animal welfare

By Associate Professor Brett Gartrell

The SPCA's continued support of Trap-Neuter and Return/Release (TNR) programmes is undermining the organisation's credibility in animal welfare. The [article](#) published in The Dominion Post on June 26 entitled "Animal welfare top priority" by Iain Torrance argued that the SPCA's position on this issue should not be challenged because it is the "only approved organisation in our community outside of government enforcing the Animal Welfare Act 1999". However, the philosophy espoused in the article demonstrates a view of animal welfare that is heavily biased towards domestic pets and is ignorant of the damage that introduced predators have done and continue to do the fauna of New Zealand.

A recent review of the scientific literature around TNR programmes by the New Zealand Veterinary Association concluded that TNR was not suitable for New Zealand. The ecological literature is unanimous that the introduction of mammalian predators to New Zealand has been the single greatest factor in the decline of native fauna in recent history. Cats have been clearly documented as a predator of native birds, reptiles and invertebrates within New Zealand. Cats have been implicated in the decline of native biodiversity and cause the death of millions of wild animals internationally every year. Neutered cats are just as deadly as un-neutered cats. The cats the SPCA is using TNR for are not domestic pets; they are wild cats, escaped or lost pets, some of which are being fed by well-intentioned but misguided animal lovers. If TNR programmes really worked for the control of predators like cats, then shouldn't the SPCA also be supporting similar programmes for ferrets, stoats, weasels and possums?

New Zealand's native fauna has evolved in the absence of mammalian predators and lacks key anti-predator behaviours and defences that have evolved in birds in other countries. For example, New Zealand birds have strong body odours that are used for social communication, but also mean that they are unable to hide from introduced predators. My colleagues and I regularly treat native birds that have been attacked by a variety of predators, including cats. Most victims though don't survive long enough to be treated. If we want to encourage wildlife to live side-by-side with us in the urban environment then we must change the way that we control urban cats and other introduced predators. By deliberately encouraging a programme that keeps an introduced mammalian predator uncontrolled in the New Zealand environment, the SPCA undermines

every conservation effort in this country. TNR is the deliberate re-introduction of a mammalian predator into New Zealand's fragmented and fragile remaining wild ecosystems.

But let us put the conservation arguments aside and focus on animal welfare, something that the SPCA has historically done extremely well and been an important moral voice for in New Zealand. Mr Torrance is correct that the SPCA has been a vital organisation in protecting the welfare of domestic animals. But how does this programme improve wild animal welfare? How can allowing introduced predators to continue killing native wildlife be seen as a welfare gain? This equation only makes sense if you value the welfare of the cats above the welfare of their prey. If Mr Torrance wishes to stand on the moral high ground of the SPCA's record on animal welfare, then the programmes that the SPCA runs must also comply with that code. At the moment, the SPCA stands for the welfare of pets to continue causing harm to the welfare of Absolutely Protected wildlife.

Associate Professor Brett Gartrell is co-director of Wildbase at Massey University. He is an avian and wildlife veterinarian with research interests in wildlife health issues, particularly as they affect the conservation of New Zealand native species.

The opinion piece by Iain Torrance can be found [here](#). The original opinion piece by Gareth Morgan and Geoff Simmons can be found [here](#).

Date: 07/07/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues; Wildlife Ward



The mental health effects of flooding can last long after the waters have receded.

Opinion: Understanding the psychosocial effects of flooding

By Associate Professor Sarb Johal and Zoe Mounsey

As much of New Zealand dries out from deluges in Dunedin and the Wellington region in May and last month's floods in Whanganui and Taranaki, further evidence is emerging about just how extensive the psychosocial effects of such disasters can be.

Flooding differs from some other types of disaster as it is often possible to prevent the impacts, and also the lengthy recovery period afterwards. This can increase the risk of secondary stressors – those stressors that are indirectly related to the flooding such as economic strain.

Mental health impacts include: bereavement; economic problems for families; behavioural problems in children; increased substance use and/or misuse; increased domestic violence; as well as exacerbating, precipitating or provoking people's existing problems with their mental wellbeing.

Often, people's experiences, which reflect the personal and social meanings of the event for them, have more influence on the psychosocial impact of the event than the event itself. Recovery from distress after disasters, including flooding, is characterised by adaptation to circumstances that have changed and by rebuilding communities. The wider literature shows that the experiences of people, who are distressed in the aftermath of all disasters, are not always easy to distinguish from the symptoms of common mental disorders.

On the other hand, the research suggests that the incidence and prevalence of common mental disorders after flooding is substantially increased and these disorders can persist long after the flooding has receded. This stresses the importance of planning for and providing effective and timely public mental health and clinical responses.

Looking at case studies from New Zealand as well as the UK in the past decade can help inform agencies' responses to these most recent flood events.

After the Matata floods of 2005 in the Bay of Plenty, research showed how such a deluge affected towns much smaller than recently stricken provincial centres. Impacts of the flooding and debris flow included closures of the main road and railway, the destruction of 27 houses and damage to a further 87 properties. It also saw the evacuation of 538 people, disruption to water and electricity supplies, stormwater and septic tank systems and the deposition of debris throughout Matata township and lagoon.

Research undertaken by Kellie Spee published by GNS Science two years after the event, explored how the community was recovering. Ms Spee identified that even though it was two years after the event "people's emotions around the night and events since the disaster were still very raw. Much like an open wound that keeps festering, people seemed stuck in a place of continual hurt and anger".

Much of this anger was directed towards the recovery process and decision-making subsequent to the disaster. These included the inability to return to homes until months later, repeated moving, being in a state of limbo while waiting to learn of their property's fate and having to live in another community permanently while still considering their Matata home.

While welfare agencies responded quickly to the situation there was a lack of acknowledgement of the psychosocial impact of the disaster. Counselling was available in the earlier stages, however many did not make use of this as they were dealing with the more practical aspects of the disaster such as cleaning up and finding a place to live.

The report concluded:

"Community participation is crucial post-disaster as people are often suffering from a strong sense of powerlessness and being directly involved in their own recovery gives them a sense of control and hope."

Similarly, following flood events at Hull in the UK in 2007, real-time longitudinal diaries were used to document the experiences of affected individuals. They reported a loss of interest in everyday activities, extreme stress with the practicalities of dealing with flooding such as dealing with insurance companies and being placed in temporary accommodation, and further bad weather reminding them of the hardship they endured.

A survey of 288 affected households, led by West of England University's Dr Jessica Lamond, found that 11 per cent reported a strong deterioration in their mental health following the flooding, while 60 per cent expressed anxiety whenever it rained.

All of these case studies confirm the likely long-lasting effects of flooding on areas like Whanganui and Taranaki, and the need for the wider public to be mindful that the impact of such a disaster prolongs the welfare, physical and psychosocial needs of those affected.

Associate Professor Sarb Johal is a specialist in disaster mental health at Massey University's Joint Centre for Disaster Research where co-author Zoe Mounsey is a research assistant. With additional research cited from Virginia Murray at the Health Protection Agency, UK and Jessica Lamond in the journal Environmental Research.

Date: 08/07/2015

Type: Features

Categories: College of Humanities & Social Sciences; Joint Centre for Disaster Research; School of Psychology; Wellington



Associate Professor Marewa Glover

Is New Zealand ready for consumer-driven quit smoking programmes?

By Marewa Glover

Trying to get people to stop smoking has been a public health priority in New Zealand for 30 years.

We've harangued, shamed, stigmatised, pleaded with and incentivised smokers to quit. We've used taxes, banned smoking in most public indoor places, banned advertising and printed enough smokefree branded clothing to dress everyone on Tuvalu.

New Zealand's once world-leading tobacco control programme has succeeded at bringing adult smoking prevalence down to 18%. Smoking among Māori adults has reduced — but at a slower rate to 39%.

But now we have a situation where half of young 18 to 28 year old smokers in a recent survey by the Health Promotion Agency said they wanted to use electronic cigarettes — or vaping — for their next quit attempt.

The Ministry of Health, and many of its funded health providers are taking what they call a precautionary approach. But is this the right approach?

At this year's Global Forum on Nicotine in Warsaw, delegates were alarmingly told that a fraud is being perpetrated on the public in several nations.

The World Health Organisation, Governments like the European Union, Singapore, and even our closest neighbor Australia, are spreading false and negative information about vaping — describing it as being as or more dangerous than smoking.

They are imposing draconian, non-evidence-based bans and restrictive laws and taxes to stop smokers switching to vaping, to stop further evolution of vaping products and to even outright ban the sale of the hardware and the e-liquids in addition to the often already banned nicotine.

Thankfully in New Zealand we haven't acted with such reactionary hysteria, although the threat of this happening remains real. Sure, it's inconvenient to have to buy the nicotine for vaping online from overseas, as our current law bans the import and sale of nicotine for non-therapeutic use.

There are now more than 2.6 million smokers who have switched to vaping in the UK, over 2 million in Germany and over 3 million in the USA. New nicotine delivery products stripped of the tar, gases and other toxins are now a multi-billion dollar industry in the UK, USA, China, Japan and Turkey.

The industry is not dominated by tobacco companies who are scrambling to join the e-cig market. More telling is that the exodus of smokers to vaping is consumer-driven. Long-term heavy smokers have found their health transformed and they're turning to help others.

There are now more ex-smoking vapers helping smokers to quit than there are paid smoking cessation practitioners. Meanwhile, Government-paid smoking cessation workers peddle their patches and gum, sprays and meds, and insist upon smokers attending group therapy.

If the Government and public health advocates stuck to a precautionary approach we could almost forgive them, but the market is changing at such a rapid rate that there is a real risk the Government and advocates get trapped in the past and become blinkered to the future.

It annoys me that the disparity between Māori and Pākehā smoking rates will widen since Māori will be less likely to access nicotine via the internet – the predominant medium for accessing these new products.

But, at least we still have time to debate the role of nicotine in our society. Are we really going to get all puritanical about people using nicotine if it's in a form that is no more harmful than their coffee addiction?

Didn't we do all this smokefree campaigning to reduce disease and early deaths?

Perhaps it's time for public health to stand aside and let smokers help themselves now that there is something better than smoking that they can switch to.

Associate Professor Marewa Glover is a leading researcher in the Research Centre for Māori Health & Development at Massey University's College of Health, with long-standing experience in the tobacco control research and cessation programme design. In June she spoke at the 2nd Global Forum on Nicotine in Warsaw.

Date: 08/07/2015

Type: Features

Categories: Auckland; College of Health; Explore - HEALTH; Feature; Innovation; International; Maori; National; Opinion Piece; Palmerston North; Pasifika; School of Health Sciences; Wellington



New Zealand Saddlebacks were previously endangered but are now recovering. Image courtesy of Duncan London.

Advancing the science of reintroduction

Although New Zealand has a long history of attempting to reintroduce native species into their former habitats, projects have been poorly conceived, poorly monitored and had poor success say New Zealand's leading reintroduction biologists.

A newly-released book *Advances in Reintroduction Biology of Australian and New Zealand Fauna* outlines the progress in research aimed at improving reintroduction practice. It shows how sciences like population ecology and genetics can be used to predict the fates of reintroductions, and how experiments can be used to determine the management needed.

The project was led by Doug Armstrong, Oceania Chair of the Reintroduction Specialist Group and Professor of Conservation Biology at Massey University, but is a collaboration between 70 reintroduction biologists working on projects throughout Australia and New Zealand.

The authors say that focussing on general themes is more important than simply describing case studies, but use case studies of birds, mammals, reptiles, and fish throughout to illustrate the science.

Professor Armstrong says this book not only summarises past research, but also opens the door to discussion about future directions.

He says the 'hot-topics' include having a predator free New Zealand and the de-extinction movement.

"Serious consideration is now being given to resurrecting extinct species like the Huia. This creates exciting possibilities but also potential concerns. The ultimate goal is to return these species to the wild, so the de-extinction movement needs to be strongly guided by reintroduction science."



Professor Doug Armstrong

Read a NZ Herald Question and Answer interview with Professor Armstrong [here](#).

He says reintroduction biology is a fairly new area of research. The Reintroduction Specialist Group was launched by the World Conservation Union in 1988 in response to unsuccessful reintroductions worldwide.

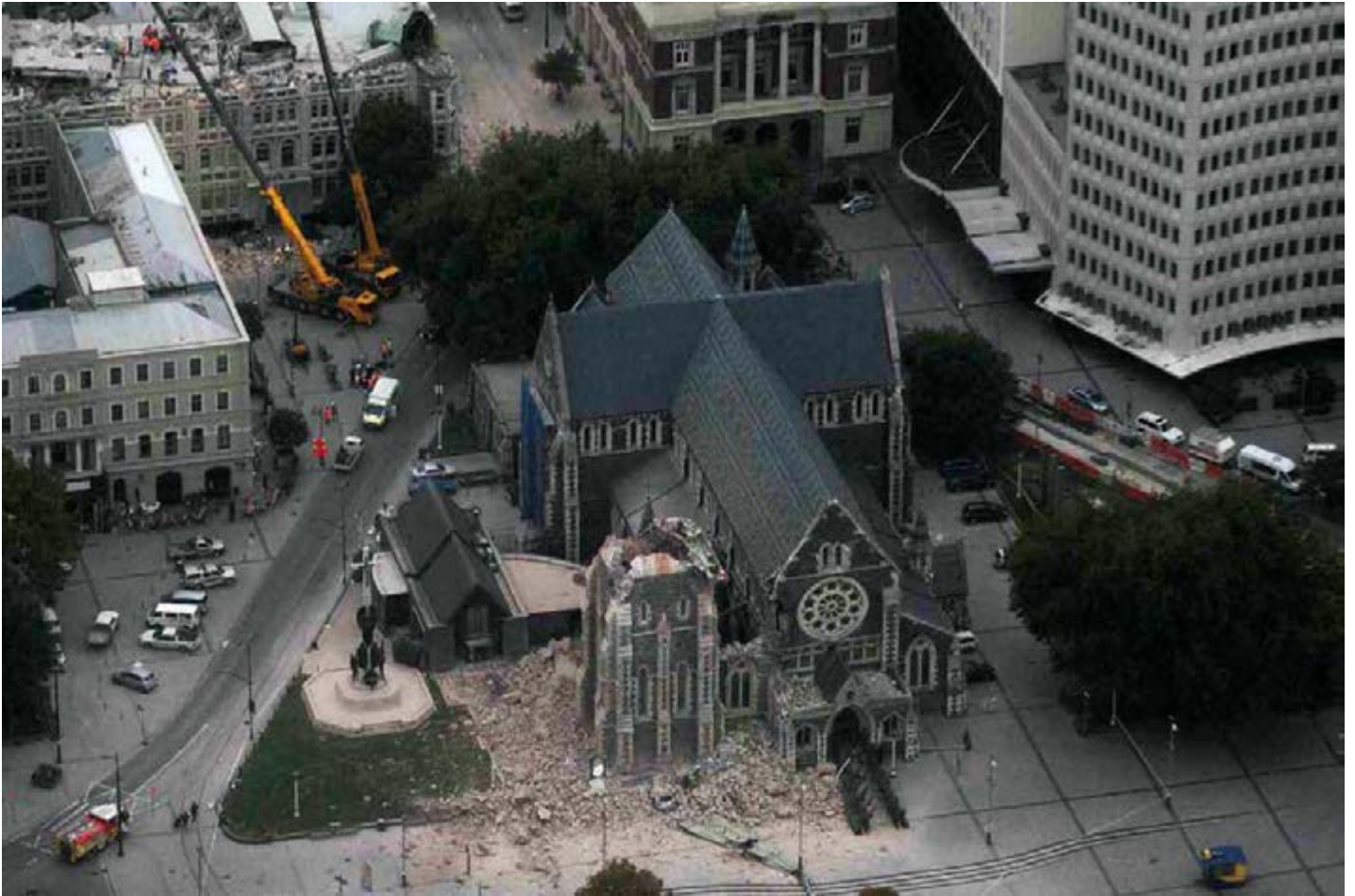
“New Zealand and Australian researchers have played a major role in advancing this field due to the huge number of reintroduction projects in our region. It only makes sense that the book focuses on reintroductions in these areas.”

Other Massey University researchers who contributed to the publication include Ms Kate Richardson, Dr Kevin Parker, Dr Elizabeth Parlato, Dr Jay Gedir, Ms Marleen Baling and former university staff members Dr John Ewen, Dr Alienor Chauvenet, Brian Lloyd, Jay Ruffle and Ian Stringer.

Date: 08/07/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues



Issues in the wake of the Christchurch earthquakes prompted a review of the EQC.

Opinion: EQC review not bold enough

By Dr Michael Naylor

The proposals in Treasury's newly-released review of the Earthquake Commission (EQC) are weak, and do not solve many of the current problems oppressing Christchurch residents.

Suggested changes include dropping contents cover and increasing the EQC sum covered to \$200,000. While these reforms are sensible, they are unimaginative and go nowhere near far enough.

Given the multiple problems of the dual insurer model exposed during the Christchurch rebuild, the Treasury needs to be bolder and to rethink the purpose of EQC, including the possibility of focusing on offering reinsurance cover to private insurers.

For insurance companies, the difference between natural disaster insurance and other types of insurance is that natural disasters have a capacity to impact on a high number of insured clients at the same time, causing company bankruptcy. This is normally offset by insurance companies purchasing 'excess-of-loss reinsurance', which involves a large worldwide reinsurer agreeing to pay all losses from an event which are above an agreed sum.

In theory there is no reason why the EQC can't be replaced by a law requiring all private insurers to hold this type of cover. In practice there are difficulties. One difficulty is that this reinsurance cover can be expensive to obtain at a reasonable price, which pushes up client premiums. This is why AMI purchased 'fixed-sum-reinsurance' instead, and went bankrupt after losses exceeded their capital plus the fixed amount of reinsurance. This difficulty becomes worse for smaller insurers as they have lower client diversity and a higher potential percentage of loss. The area is also quite technical and smaller insurers may lack the skill needed.

Treasury argues that the EQC can provide a small amount of 'first insurer' disaster cover cheaper than the private sector can. However the sum they are recommending the EQC cover is only the first \$200,000. Given

the average New Zealand house rebuild costs vastly exceed that, this still exposes private insurers to losses above that sum; losses which are uncertain and unlimited.

That's why Treasury also requires that insurers hold enough capital or reinsurance to survive a 1-in-1000-year event. This is very costly, which pushes up premiums and is only secure if actuaries' estimate of the size of the most extreme event holds true. These proposed EQC arrangements do not remove the bankruptcy risk from New Zealand insurers, or from the New Zealand taxpayer. They are also very inefficient and costly.

The other issue identified in the report were the problems created by the EQC being first point of contact for all claims. This proved a disaster during the Christchurch earthquakes because the EQC simply didn't have the systems or staff to cope for at least 18 months. The EQC pre-quake was set up to handle a small number of routine claims but the Christchurch quake forced them to expand from about 70 staff to over 1800, with a large number needing specific technical skills.

Because all claims had to be screened by the EQC, private insurers could not proceed until the scarce EQC staff had screened customers. This meant they could not use their greater capacity until much later in the process.

The Treasury report sensibly recommends that private insurers act as the first point of contact. Handling a major disaster is easier for private insurers to deal with as they are, in general, large worldwide companies employing thousands of staff with the necessary skills. They can fly in staff or use their armies of foreign staff, rather than poaching them from existing insurers or using expensive contractors, as EQC did.

Under the Treasury recommendations, however, the EQC would still have to deal with thousands of claims and private insurers will have to handle claims which they will not ultimately pay for – and this will push up premiums.

There is really no justification for the EQC to be involved in quakes that are smaller than disasters, and when large disasters happen the EQC will never be ready, given their small staff size during non-crisis periods. The Treasury proposals still leave us stuck in the quagmire of the two insurer problem.

The Treasury needs to take a step back and think a bit deeper. The ultimate objective of providing widespread and low-cost disaster insurance could be better achieved at a cheaper price if the EQC removed itself from customer contact. A superior option could be for the government to require all private insurers to provide disaster cover as part of house insurance at a fixed price nationally, and then to require those private insurers to arrange adequate excess-of-loss reinsurance. The EQC would then focus on helping arrange that reinsurance for those insurers unable to arrange it themselves at an attractive cost. The government's size and sovereign rating would enable it to buy this cheaper than most private insurers. This would also enable the removal of the 1-in-1000-year capital requirements, further reducing premiums.

Private insurers would be able to deal with the routine quake claims at little extra cost to their administration systems. Bare land could be covered via new products created by private insurers but backed by the EQC.

An alternative to reinsurance would be the issue of 'cat bonds'. These are bonds that do not pay out to investors if a selected event occurs, which could be defined as an earthquake above a certain cost. These bonds could be issued far cheaper and easier by the EQC than private insurers but they are currently, and bizarrely, banned from use.

The EQC would then be a small group of specialists who could focus on financial arrangements, on funding earthquake and building science and on researching and preparing post-disaster management. The EQC could take on a role equivalent to Cera, as well as overseeing and regulating the work of private insurers during a rebuild.

Dr Michael Naylor is a senior lecturer in finance and insurance with Massey University's School of Economics and Finance.

Date: 10/07/2015

Type: Features

Categories: Home Page article; College of Business; School of Economics and Finance



Potential students in the Wellington campus Creative Media Production workshop.

Māori student experience days align with Matariki

Māori student recruitment advisers Tania Jahnke and Te Aue Addison Te-Whare kicked off their Māori student university experience days last week in an effort to align them around Matariki celebrations, which are themed on planning for the future and new beginnings.

Both events, on the Manawatū and Wellington campuses sought to help raise the profile of Massey University for senior Māori school pupils and encourage them to enrol when they finish school.

The Manawatū event provided a chance to experience a mock lecture and tutorial. Bevan Erueti, a lecturer in the Institute of Education, discussed his academic journey and taught a "101 lesson" on the fundamentals of physical education.



Potential students with staff at the Manawatū campus.

Mrs Jahnke said of the event the experience day event has been successfully running for three years at Manawatū.

"Many of the year-13 students who came have been engaged with our recruitment events in years 10, 11 and 12," she says. "This event further consolidates that relationship and helps prepare students for Massey study the following year. We have seen direct enrolments connected to this experience day."

Grace Pokiha, from Palmerston North Girls' High School, said she enjoyed the "heads-up" on what to expect next year. "It was a good ice-breaker just to see the difference from high school to university and that transition."

Teia-Rei Savage, from Freyberg High School, said: "The day gave me an insight to life at uni as well as learning the many skills that Massey University has to offer."

Perry Chapelle, an assistant lecturer from the School of English and Media Studies, provided a vibrant mock lecture on academic writing at Manawatū, which encouraged discussion on how to look at essay questions in different ways and consider the most appropriate approach to writing the essay.

June Stapley, a teacher from St Josephs Māori Girls College in Napier, said: "I was pleased to see the mock lecture and academic essay writing exercise as activities, these are two important aspects of the university experience."

The Wellington day followed a similar format and was well received by more than 30 attendees. Students had the choice of taking workshops around communications, creative media production, sport and exercise and nursing.

Ms Addison Te-Whare said: "As a new member of the student recruitment team and a recent university graduate, I saw how valuable experience days like this can be for our Māori taura. Not only does it showcase the possibilities of study available with us but also breaks down barriers and helps us build solid relationships with high school students before they choose to study with us."

One of the highlights at both of the experience days was the opportunity to have a Q and A session with current Māori students at Massey University. For some, it was a highlight of the day.

Fine Arts student Kauri Hawkins, who was on the panel in Wellington, said he was "blown away by how many Māori students were set on going to university. I enjoyed having the opportunity to share my experiences with the high school taura, and also hearing their aspirations as future leaders."

Lorissa Edwards, from Palmerston North Girls' High School said she "really enjoyed the day because we were able to get feedback from a current Massey university students, who gave us all a real perspective of what it is like to be a university student".

Date: 10/07/2015

Type: University News

Categories: Uni News

Top publisher appointed to Massey University Press

Nicola Legat, former Random House New Zealand publisher and a widely acknowledged champion of New Zealand's book culture, has been appointed as the first publisher for Massey University Press.

Ms Legat is a former editor of Metro magazine and member of numerous literary and publishing organisations. She won the New Zealand Publisher of the Year Award for seven consecutive years, and says she is excited by the potential for the new press.

The job of publisher at Massey University Press, which was launched in February this year, is a "rare opportunity" to be part of an innovative publishing venture in the modern era, she says.

Despite the current description of the global and local publishing climate as being "disrupted", Ms Legat says readers are "still hungry for great books and access to great writers and thinkers".

And while there won't be any cookbooks on her publishing list, she envisages titles that will reflect the press' core principles – "explore, explain, engage" – and contribute new voices, ideas and perspectives that will shape New Zealand's cultural life.



Nicola Legat

Her significant management and governance experience in publishing made Ms Legat the standout choice for the role, says chair of the press' editorial board Professor Glyn Harper. "Massey is extremely fortunate to be making this appointment. The quality of the 21 people who applied was high and many candidates had considerable experience in book publishing. Nicola had this and much more.

"With Nicola we are in excellent hands as she knows the book publishing industry in New Zealand and is well aware of the challenges it faces. There are exciting times ahead for the Massey University Press. Nicola's appointment as publisher of the Massey University Press is a strong signal throughout New Zealand that the press is a serious venture and will be a force in New Zealand book publishing."

As well as former Publishing Director of Random House New Zealand (which merged with Penguin New Zealand last year) and one of its three directors, she is Chair of the New Zealand Book Awards Charitable Trust and Deputy Chair of the Auckland Writers and Readers Festival Trust. She was formerly a council member of the Publishers Association of New Zealand. Ms Legat entered publishing with a Master's (Hons) in English from the University of Auckland, and following a distinguished career in journalism as senior writer at Metro and North & South magazines, as well as deputy editor of Metro for two years and its editor for five years.

"Publishing is in my blood," says Ms Legat, who will be based at Massey's Auckland campus. She expects to be busy from day one, with some 50 manuscripts already waiting for her to assess.

At the launch earlier this year, Vice-Chancellor Steve Maharey said Massey University Press aims to become a world-class academic press, publishing scholarly works by its top researchers – as well as non-Massey authors – in a range of signature areas and in eBook formats that will appeal to a wider international audience.

With the intent of strengthening Massey's international reputation in specialist areas, the Massey University Press will focus on agricultural science, food research, veterinary science and practice, public health, creative arts, education, psychology, Māori Studies, military and international studies, aviation and business.

Professor Harper, a war historian and Massey project manager for the World War I Centenary History series, says that once it is underway the press will commission books as well as respond to manuscript submissions and publishing proposals. And he envisages some books being translated into other languages where there is a market.

Date: 10/07/2015

Type: Awards and Appointments

Categories: Uni News



‘Wraparound’ solution needed for family violence

[Listen to the Radio NZ item.](#)

The deaths of two young children in the past week from violent assaults highlights the need for the government to urgently adopt new measures that would identify and work with at-risk families, says a Massey University psychologist.

Addressing family violence that costs multi-millions and scars thousands in immeasurable ways should be a top government priority, says Dr Ruth Gammon. She has worked with domestic violence and child abuse victims here and in the US for the past 30 years.

She says there is a need to build a sense of hope for those shattered by family violence by better coordinating services to turn around New Zealand's chronic family violence problem. Her comments coincide with the deaths of a 15-month-old Christchurch boy and a six-month-old Kapiti Coast baby girl – both killed in their homes in the past week.

In order to achieve this the government needs to prioritise funding for carefully targeted “wraparound” services to effectively help those afflicted by family violence, she says.

Dr Gammon is clinical director at the University's School of Psychology clinic and an experienced practitioner who has worked extensively with Women's Refuge and advising on some of Child, Youth and Family's most complex cases. She will be presenting her research on wraparound services at a conference this weekend in Wellington and has already addressed Treasury officials about how best to help families dealing with violence.



Dr Ruth Gammon

The statistics – staggering and horrifying – are not declining in real terms, Dr Gammon says. “I don't believe rates [of family violence and child abuse] are going down because so much is un-reported.”

New Zealand has the third worst child abuse record after Mexico and the US out of 31 OECD countries. Between 2000 and 2004, 39 children were murdered, with most aged less than one year. In the year ending June 2014, there were 146,657 reports of concern to Child, Youth and Family. Of these, there were 16,289 children with substantiated abuse findings.

What is wraparound?

While the solutions sound academic, Dr Gammon says concepts such as “multi-systemic, evidence-based wraparound services” shaped by a “system of care” based on the “theory of change” have been introduced and deployed successfully in the US and are being trialled by Auckland and Waitemata District Health Boards.

She helped shape the US National Wraparound Initiative, which began in 2003, and believes the approach needs to be adopted more widely across New Zealand. A better understanding of what wraparound services means is a prerequisite, she says.

[Dr Gammon will be speaking this weekend at the Australasian Human Development Association conference](#), where she will outline her research in a presentation and discussion titled: Is it really Wraparound? What is the model? How and why it works.

“Wraparound is not a package of services wrapped around families as it is defined in many New Zealand programmes, nor is it simply a funding stream,” she says.

“It is a philosophical approach to care planning with specific guiding principles, a model of delivery and a theory of change – it is the combination of these factors which make wraparound effective, not the services per se.”

An effective wraparound model requires multiple agencies working together to provide tailored support specific to the needs of a family as a whole, and for each of the individuals involved.

“It can include community support from extended family, sports coaches and the like, and addresses issues such as housing, jobs, education, mental health and substance abuse,” Dr Gammon says. “The goal is for the family to ultimately become self-sufficient and be able to resolve their own problems – to get families functioning at the best they can be.”

Long-term impact of child abuse

Dr Gammon is particularly concerned that long-term damage to the mental health and overall wellbeing of those affected by child abuse and family violence is not adequately addressed in New Zealand. Such effects have been extensively researched and documented in studies such as the Adverse Childhood Experiences (ACE) study of 17,000 people in the US. It is one of the largest investigations of the links between childhood maltreatment and later life health and wellbeing.

Based on the ACE findings, healing the trauma of family abuse is a long-term commitment, she says. “Trauma is going to affect every aspect of a person's life. It's not going to be fixed in six to 10 sessions. It may take six to 10 sessions just to get the family on board and engaged. But the cost to society is so much higher if we don't do it.”

“Child abuse and neglect costs New Zealand up to \$7 billion a year, according to a recent study. This figure includes the direct costs of health care and child welfare services, ongoing costs related to long term health and crime impacts and also the indirect cost of lost productivity,” she says.

Dr Gammon is also leading research projects on women's experiences with the Family Court, and has worked with the national office for Women's Refuge to develop a risk assessment tool on home safety for women affected by partner abuse, which is being piloted in Auckland, Christchurch and Tauranga.

Date: 10/07/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences; School of Psychology



Caption: Vice-Chancellor Steve Maharey, at right, with the inaugural recipient of the Massey University New Thinking Award, JD Trask.

JD Trask's new thinking celebrated at Gold Awards

Software developer JD Trask, a Bachelor of Information Sciences graduate from Massey University, has been named the inaugural recipient of a New Thinking Award sponsored by the University at the Wellington Gold Awards.

The annual event celebrates the best of Wellington business, and Mr Trask was on hand at a function in Wellington last night to accept his award, which acknowledges the creativity and innovation he has brought to the software sector, as well as contributions he has made as an investor and philanthropist since establishing his self-funded start-up a decade ago.

Within three years of his graduation Mr Trask left his employer Intergen and, with a couple of friends and \$30,000 of their own savings, formed Pervasive Group. The first company they kick-started was Mindscape, which provides software developers with tools to help them make better software faster. It has a 6000-strong client base from 80 countries, including global sector giants such as Microsoft, Xero and Dropbox.

Vice-Chancellor Steve Maharey says Mr Trask's vision to achieve so much so quickly epitomised the ethos behind the Massey University New Thinking Award.

“He is an outstanding example of what the country needs a lot more of – an entrepreneur in an innovative sector of the economy taking his talent to the world while being based in Wellington.

“This University stands very clearly for the need for new thinking and we need people like JD Trask because they are prepared to think outside the box.”

Mr Trask, whose initials stand for the names John Daniel, is also a founding member of Givealittle – a philanthropic online fundraising website where New Zealanders can give to causes they believe in.

Mindscape invested in, built and launched Givealittle before selling to Telecom in 2012. To date, more than \$5 million has been donated to New Zealand organisations on givealittle.co.nz.

Mr Trask has returned to Massey several times to lecture about technology and business. Returning to his old campus has also been a great opportunity to recruit new talent and he has employed several of Mindscape's developers soon after their graduation.

Mr Maharey sees this strategy as further evidence of the way Mindscape has successfully mixed its global reach with a commitment to remaining where it first started.

“Wellington is developing as a centre of creative start-ups of that kind and JD Trask's entrepreneurial vision exemplifies that.”

Date: 10/07/2015

Type: Awards and Appointments

Categories: Home Page article; FutureNZ Business; Research - 21st century; Vice-Chancellor; Wellington



Caption: Collaborators on the book *This Must Be The Place*, writer Annabel Hawkins (left) and typographer Alice Clifford

Blogger, typographer collaborate for book event

A collaboration between two Wellington friends, who both studied at Massey University, comes to fruition this month with the launch of the book *This Must Be The Place*.

It is also the subject of the first Arts on Wednesday presentation for Semester Two at lunchtime on July 15.

Writer Annabel Hawkins, a graduate of the university's creative writing programme, has produced a collection of her poetry and prose from her blog, which typographer Alice Clifford, a tutor at the School of Design, has compiled into an attractive and engaging publication.

Fledgling Eastbourne-based publisher Mākaro Press, which is run by Mary McCallum who tutored Ms Hawkins at Massey's Wellington campus, published the book.

Another of her tutors, School of English and Media Studies senior lecturer Ingrid Horrocks, officially launched the work.

All involved will be present for the lunchtime Arts on Wednesday event where Ms Hawkins will read from her work and Ms Clifford, a member of the International Society of Typographic Designers, will speak about the challenges involved in designing such books.

Ms Hawkins, who works for a media agency, says one of the biggest challenges for them both was completing the book while holding down full-time jobs.

They would meet in the early mornings as well as evenings and weekends to work on the project that's explores themes around time of life and place with Wellington as a frequent and familiar backdrop.

"There's something really awesome about working with someone you trust implicitly," Ms Hawkins says about the collaboration.

This Must Be The Place is available at all good book stores and online at www.makaropress.co.nz

Alice Clifford and Annabel Hawkins talk about *This Must Be The Place* at Arts on Wednesday, 12.30pm-1.30pm, Wednesday July 15, Theatre Lab 5D14, Entrance A Massey University, Wellington

Date: 10/07/2015

Type: University News

Categories: College of Creative Arts; College of Humanities & Social Sciences; Creative Arts; School of Humanities; Uni News; Wellington



Caption: Thomas Le Bas with a small selection of the New Zealand flag designs able to be viewed and commented on via his interactive web tool Flagpost. Public submissions to the government-appointed Flag Consideration Panel close on Thursday.

Students have their say on flag debate as deadline looms

With only days to go till the final deadline to submit alternative New Zealand flag designs to a Government-appointed panel, students at Massey University's Auckland campus were randomly asked for their thoughts on the issue.

They were quizzed on whether they wanted to change the current flag and what they would like to see on a new flag. Public submissions close on Thursday.

The 12-member Flag Consideration Panel has been tasked with choosing four alternative options based on all those submitted by the public by September. The panel will also consider New Zealanders thoughts on what they believe the flag stands for or represents.

The four options will then be voted on at a referendum in November-December, with the highest-ranked design then put alongside the existing flag for a final public vote in March 2016.

Click on the video link [here](#) for the views of students.

In addition, a School of Design master's student Thomas Le Bas has devised a web tool that allows the public to have their say about the more than 6000 designs already submitted.

The tool Flagpost, uses tags to help the public determine what a flag design represents to them, - whether it be about history, unity or multiculturalism - and provide feedback. It also lets them explore like-minded designs already submitted, and vote for their preferences.

For further information go to www.flagpost.nz

Date: 14/07/2015

Type: Features

Categories: Home Page article; Auckland; Orientation; Video Multimedia

South Asia films to help Nepal quake survivors



Scene from The Way of the Road

Documentaries about the harsh lives of slate-miners near Kathmandu, and the story behind the re-connection of an ancient Himalayan trade route will screen in Palmerston North to raise money for survivors of the devastating quake in Nepal, thanks to a Massey academic.

Dr Sita Venkateswar, an anthropologist in the School of People, Environment and Planning, was in the throes of negotiating for rights to the *Travelling Southasia* film festival to come to New Zealand for the second time when Nepal was struck by a severe earthquake on April 25. More than 8000 people died and nearly 18,000 were injured.

Travelling Southasia '14 is a package of films from Film Southasia, a Kathmandu-based organisation that convenes biannual competitive documentary film festivals in Kathmandu. The documentaries showing in Palmerston North include films submitted as competitive entries for the 2013 event in Kathmandu.



Scene from No Burqas Behind Bars

The six-strong film series, which was launched last Saturday, is sponsored by the School of People, Environment and Planning; Graduate Women Manawātū; and Palmerston North City Library.

“As the scale of the devastation became apparent, I thought we should respond,” Dr Venkateswar says. “I told [fellow] organisers that I intended to include a fundraising component with the film screenings and to suggest one or two films situated in Nepal that could be screened for that occasion.

“The two films nominated for the closing night fundraising event on August 1 highlight the cultural diversity of Nepal. Both are about areas that have been destroyed by the earthquake,” she says.

The first of the closing night fundraiser films is *A Life with Slate*, which is set in a mountain village east of Kathmandu and explores the endurance of Thami slate-miners as they separate slate slabs from the precipitous rock faces. Women work alongside men, carrying heavy loads down to the village and distant markets. The film emphasises how cooperation between the labouring families ultimately makes a tough life bearable, and depicts intimate scenes of the village life.

The other is titled *The Way of the Road*, and focuses on the road through Nepal's Rasuwa District, which will reconnect an ancient Himalayan trade route with global traffic. The film looks through Tamang villagers' eyes at the cultural and economic flows through this borderland, including a dramatic re-enactment of Tibetan and Nepali armies in conflict.

Dr Venkateswar says both filmmakers are keen to support the event and hope to participate via Skype in the discussion session after the film screenings. Nepali/Bhutani groups in Palmerston North have volunteered the food for the closing night, coordinated by Bikram Pandey, Cultural Advisor at Red Cross.

Other films coming up in the series feature Sri Lanka, Afghanistan and Burma/Myanmar.

- **No Fire Zone:** Saturday, July 18th | Sri Lanka | 2013 | 93 mins | Directed by Callum Macrae
- **No Burqas Behind Bars** Wednesday, July 22nd | Afghanistan | 2012 | 77 mins | Directed by Nima Sarvestani
- **Miss Nikki and the Tiger Girls** Saturday, July 25th | Burma | 2012 | 75 mins | Directed by Juliet Lamont

The July 11 opening night film, *Invoking Justice*, highlighted the leadership role that Muslim women have taken in South India.

Dr Venkateswar says the key intent of the festival is to connect the University with key community organisations and people in the city and to “create forums where we can engage in dialogue towards building awareness and understanding of the global contexts that frame people's lives and the cultural diversity in our midst”.

All films screen at 7pm at the Palmerston North City Library, with a gold coin donation entry.

Date: 15/07/2015



Scene from Miss Nikki and the Tiger Girls



Dr Sita Venkateswar

Type: University News

Categories: College of Humanities & Social Sciences; Explore - Planning; Feature; International; Uni News

Māori students take on business challenge



Te Wero Pakihi students with judging panel: Grace Latimer (Massey) Damian Sharkey (Westpac), Areta Koopu (Māori Women's Development Inc.), Andy Lucas (Coffee Club) Teresa Tepania-Ashton (Māori Women's Development Inc), Mark Douglas (Vision Training)

Selling coffee is a tough business as 43 secondary students found out last week when they took on the challenge of promoting the Coffee Club café chain. The teenagers were taking part in the annual Te Wero Pakihi Challenge designed to inspire Māori students into business and entrepreneurship.

The students came from as far North as Kaitiā College, to Hornby High School in Christchurch in the south and were split into competing teams. The week-long challenge run by the Māori Women's Development Incorporation, Massey University, Westpac and the Coffee Club provides the students with a taste of the business world with real-life problems.

Massey lends its business expertise

Massey contributes the critical academic component to the programme. Professor Jarrod Haar provided expertise on Māori leadership in business, while Massey's Director of Marketing Vasso Koutsos honed the students branding skills. Dr Sandy Bulmar, senior lecturer in marketing talked to them about viral advertising and they got expert financial advice from Dr Pushpa Wood from the Westpac-Massey Fin-Ed Centre.

Associate Professor Sasha Molchanov opened the world of share trading with a tour of the Auckland campus Trading Room, while senior lecturer in business management Dr Ralph Bathurst cast a critical eye as a judge. Ecentre chief executive Steve Corbett had the students test drive his innovative business training game Mana Millionaires.



Team Avida strut their stuff in the final presentation.

Te Wero Pakihi Challenge 2015

This year's challenge was to do market research on the Coffee Club and then create a viral ad and marketing campaign. Grace Latimer, Māori student recruitment advisor at Massey, says the teenagers found the market research the hardest.

“No one likes having to survey strangers on the street and they all faced rejection, but I was really impressed at how most came up with strategies to get people to engage with them.”

While the viral ads produced some very entertaining results, it was one team's idea of a Coffee Club app that gave them winning edge. Maroon7 won the challenge with an idea for an app that let customers pre-order their coffee and assisted the café in offering a more personalised service.

Date: 15/07/2015

Type: University News

Categories: College of Business; Maori

Growing the pool of future female leaders



Year 12 students brainstorm ideas for their community project at the first session of the Young Women's Leadership Programme at the Auckland campus.

The New Zealand Herald's recent survey of executive pay not only failed to find any women earning top dollars – it also revealed there are currently no female chief executives of NZX 50-listed companies. The lack of women in leadership positions is a vexing and persistent problem that Massey University management professor Sarah Leberman has spent her career researching and trying to solve. Her latest initiative, the Young Women's Leadership Programme, aims to reach young women before they leave school.

This year the programme has brought over 150 Year 12 students together on the university's Auckland and Manawatū campuses to learn about leadership and build their confidence and networks. The students have also been divided into groups and are currently working to deliver a project that makes a difference to their local community.

Before participating in the programme, most of the young women did not see themselves as leaders.

“Traditionally the people who are identified as leaders in school environments are those who are confident and get noticed – the prefects, head girls and sports team captains,” Professor Leberman says. “I think we lose a lot of potential leaders because we don't nurture the more naturally quiet students or those who don't quite fit in that box. This programme is aimed at young women who are not in leadership positions, but seek to exercise leadership.”

Sarah Leberman: Women in Leadership | Big Issues in Business



Professor Sarah Leberman discusses the lack of women in leadership roles and pay equity issues in her Big Issues in Business video.

Putting leadership skills into practice

While the first part of the programme focuses on leadership concepts, values, identifying passions, communication and self awareness, the second phase is about putting those skills into practice. The students return to Massey at the end of July to report on their projects, which range from drug and alcohol education schemes, to charity fundraisers and encouraging more students to take an interest in science or sport.

In the meantime, each group has been assigned a female staff member from Massey as a mentor to monitor progress and provide advice via Skype.

Former Black Ferns captain and senior lecturer Dr Farah Palmer, who is responsible for running the Manawatū campus workshop, says she is looking forward to hearing how the young women put their leadership skills into practice.

“The project will really let the young women see where their strengths lie and how a team can work together to achieve something,” Dr Palmer says. “I think when they reflect on what they have learned there will be Eureka moments where they will think ‘I’m good at this’.

“It’s about triggering belief and opening their minds to the full scope of leadership possibilities – everyone can learn to be a leader in their own way. If we can build the confidence of these young women, we can increase the pool of female leaders out there.”

Closing the "confidence gap"

While Professor Leberman acknowledges young men who do not “fit the box” may need leadership programmes too, she says the dynamics of an all-female programme is very different.

“I’ve run mixed programmes before and you don’t get the same level of openness, particularly at this age. There is fundamentally a confidence gap between men and women, the research shows that, so I think there is greater need for a young women’s programme.

“When women go out into the workplace they get paid less and there are challenges that men do not seem to face. While there is still a pay gap one year out from graduation, I think we have an issue.”

She says that while there are many organisational and societal reasons behind the relatively low number of women in leadership roles, the “confidence gap” is something that can be addressed at an individual level.

There are plenty of young women who agree because the Young Women's Leadership Programme is always oversubscribed.

“Some schools do have active leadership programmes, but many don't. For those young women who haven't been identified as leaders, there's often little access to resources to build confidence and skills, so we are helping to fill that gap.”

Key dates

Participating students will present their projects in an expo-style format and reflect on what they have learned on the following dates:

- Auckland campus: July 28 (for schools in the greater Auckland region). Facilitated by Professor Sarah Leberman.
- Manawatū campus: July 29 (for schools in the Manawatū, Hawke's Bay, Kapiti Coast, Taranaki, Wairarapa and Horowhenua regions). Facilitated by Dr Farah Palmer.

Date: 16/07/2015

Type: University News

Categories: Big Issues in Business; College of Business

Journalism students get agricultural experience



School of Journalism postgraduate students Estaher Zweifel (left) and Solbin Kang interview Professor Peter Kemp while Dairy New Zealand communications manager Bernadine Walsh (back) advises.

A group of 25 Massey University postgraduate journalism students got their boots dirty today at a field trip designed to introduce them to rural and agricultural journalism.

They were accompanied by some of the top agricultural journalists in New Zealand, including Rural News reporter Peter Burke, as well as communications managers from Horticulture New Zealand, Federated Farmers and Dairy New Zealand Leigh Catley, Don Carson and Bernadine Walsh respectively.

Students from the Master of Journalism programme, learned what it is like to be an agricultural journalist, visited a dairy farm near Levin and learned about agribusiness from Westpac agribusiness manager Dave Hutchison.

They were also given the opportunity to hear about latest developments in research and interview some of Massey University's world-leading scientists.

Head of the Institute of Veterinary, Animal and Biomedical Sciences, Professor Paul Kenyon, outlined the valuable work his team at the International Sheep Research Centre are doing to maximise health, performance and efficiency of sheep.

Professor of Precision Agriculture, Ian Yule, demonstrated the newest unmanned aerial vehicles – tools that he says are revolutionising the way farming is done and how nutrients are applied to soil.

Head of the Institute of Agriculture and Environment, Professor Peter Kemp, accompanied the students to Number One Dairy Farm where they learned how the farm is serving as a model for sustainable, productive dairying of the future through once-a-day milking.

Field-trip co-ordinator Dr Catherine Strong from the School of Journalism said it is important for students to be “well versed” in agricultural issues.

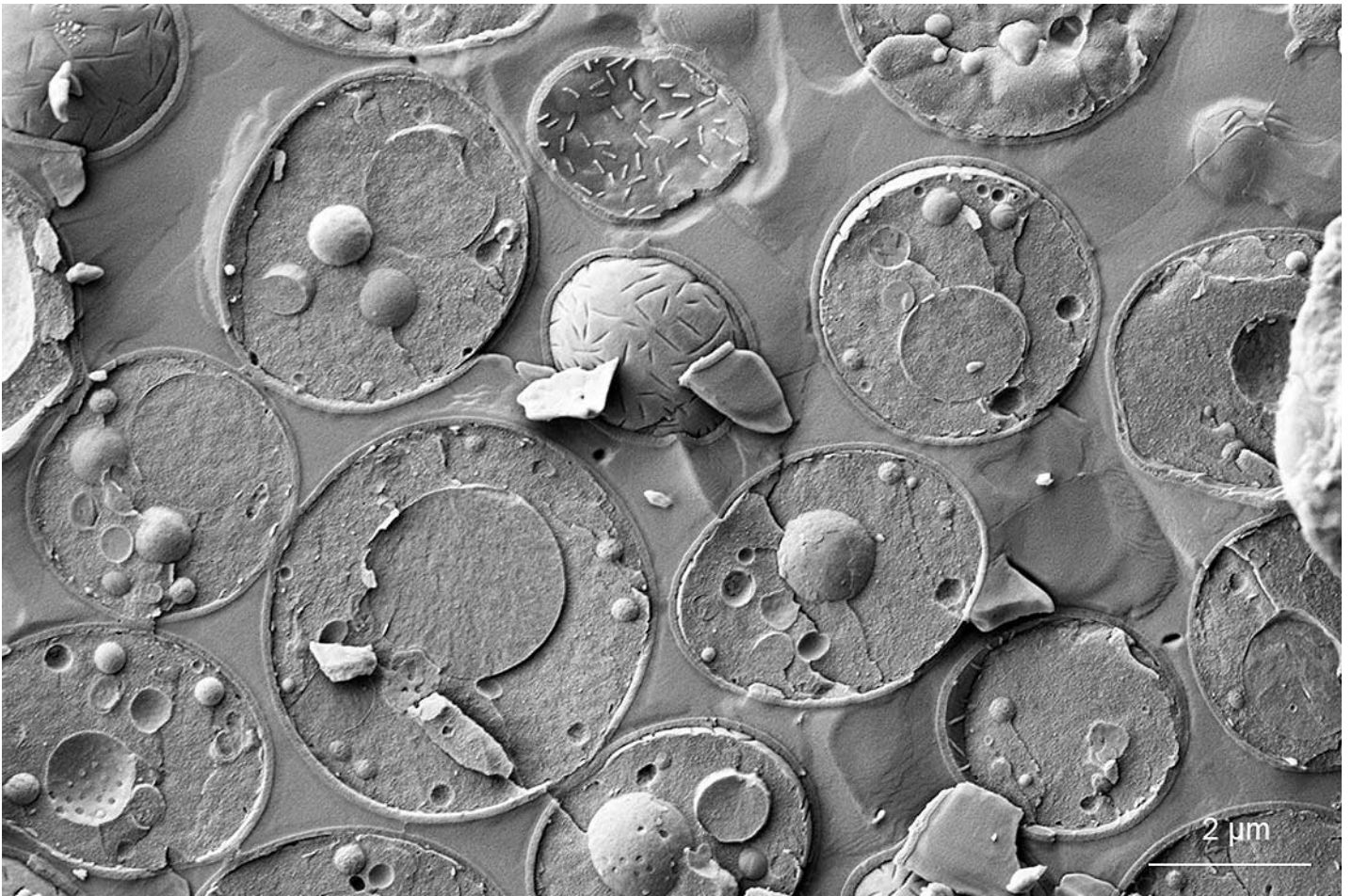
“Massey has a reputation for the quality of its agrifood research and New Zealand as a country has its grounding in agriculture. The students can take the knowledge they've learned about the agricultural industry with them wherever they go in the world.”

Date: 16/07/2015

Type: University News

Categories: Home Page article; Agricultural Experiment Station; College of Business; College of Sciences; Explore - Agriculture/Horticulture; School of Humanities; School of Veterinary Science

Yeast key to understanding cell division



Baker's yeast. Image courtesy of ZEISS Microscopy

A team of scientists has discovered that a protein in common baker's yeast helps control cell division – findings that may have implications for understanding diseases such as cancer.

A protein called Yih1, for Yeast Homologue of the mammalian protein IMPACT, was studied by researchers from Massey University, Brazil's Universidade Federal de São Paulo and Upstate Medical University in New York, who found it plays a role in cell division.

Yeast cells without Yih1 are “held up” in a particular part of the cell division cycle, somewhere before the cells are splitting apart.

Dr Evelyn Sattlegger from Massey University's Institute of Natural and Mathematical Sciences, says understanding how cell division is controlled will help understand how diseases operate. It is known that cancer cells have found ways to overcome the control points that naturally exist but not fully how they do it.

"Cell division follows a complex step-wise process, and many of these steps are controlled by a series of proteins and enzymes," Dr Sattlegger says. "These control points are known as checkpoints. In normal cells these checkpoints ensure that cell division only occurs at a controlled rate but cancer cells have found ways to overcome them.



Dr Evelyn Sattlegger

“We need to know in detail how checkpoints in the cell work. Most importantly, we need to identify all checkpoints.”

She says yeast is an excellent model for answering fundamental questions about how cell division operates, and how it is controlled, because yeast can be manipulated very easily and the proteins in yeast can be found in other animals. Essentially, the Yih1 protein is the yeast form of the human version, called "imprinted and ancient protein" – or IMPACT.

“These IMPACT proteins are found in virtually all eukaryotes, from basic yeast to complex mammals, including humans. This means we can use the simple yeast to study in detail what happens when we don't allow these proteins to be made by the cell.”

The Sattlegger research group was awarded Marsden funding in 2006 to study the role that other enzymes and proteins (Gcn1 and Gcn2) play in cell function. Other researchers have found that Gcn2 plays a specialised but crucial role in how diseases such as cancer cope with being starved of nutrition.

The group's latest research was published today in the publically-accessible journal [PLOS ONE](#).

Date: 16/07/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - HEALTH; Research



Keynote speaker from Oxford University Dr Maria Bruna (left), Professor Emeritus Graeme Wake, Chair of the board at KiwiNet Ruth Richardson and Dr Boris Baeumer from the ANZ Industrial and Applied Mathematics group and University of Otago.

Mathematics meets industry at workshop event

More than 100 of New Zealand's most acute mathematicians met in Auckland earlier this month to use mathematics to solve industry problems.

A week-long workshop was held as a way for companies to pitch their problems to staff of Massey University's Centre for Mathematics in Industry, based at Auckland, who then worked collaboratively to generate practical solutions through modelling, statistical analysis or computation.

Companies to attend the event included whiteware manufacturer Fisher and Paykel who wanted to optimize the operation of their clothes dryer, fresh produce packing company Compac Sorting wanting a solution to a calibration issue with their spectroscopic systems and start-up crime prevention company Eyedentify needing to improve their crime prevention algorithms. Others in attendance were dairy giant Fonterra, national grid operator Transpower and farm management group Livestock Improvement Company.

Event organiser Professor Emeritus Graeme Wake says the first workshop was a success with the teams reporting excellent progress at the end of the week. "More work will be required to complete the solutions but follow-on discussions are already being planned" Professor Wake says.

"The collaborative groups transform how industries see and approach problems. It's a fast, effective and productive avenue for them to use."

Other contributors to the workshops include Callaghan Innovation, the ANZ Industrial and Applied Mathematics Group, KiwiNet, Te Pūnaha Matatini – a Centre of Research Excellence in Complex Systems and Networks, the New Zealand Mathematical Society, Industrial and Applied Mathematics group of the University of Otago and the Mathematical Sciences Group of AUT University.

Date: 16/07/2015

Type: University News

Categories: Auckland; College of Sciences



Online and news media reaction in China to suggestions that overseas-based Chinese investors have an undue influence on the Auckland property market has been huge, says Associate Professor Henry Chung from Massey University's School of Communication, Journalism and Marketing.

Strong response in China to property investment claims

Social media sites and news agencies in China are running hot with feedback in reaction to suggestions overseas-based Chinese investors have an undue influence on the Auckland property market.

Associate Professor Dr Henry Chung from Massey's School of Communication, Journalism and Marketing, who has been studying the Chinese market for more than 20 years, says reaction in China has been "huge". He says responses on its equivalent search engine to Google have multiplied since the release of figures by the Labour Party claiming foreign speculators were fuelling Auckland's over heated housing market.

In the last 24 hours he says the Chinese website Baidu had recorded 86 related results for the story. It was also extensively reported in national news media such as Xinhua News and CCTV and regional news media in the Liaoning province and Hainang Province in the north and south of China respectively.

Mr Chung says aside from the party's interpretation of data being widely questioned in China, locally, many Chinese resident in New Zealand and traditionally supportive of Labour, were reconsidering their allegiance.

"Traditionally a lot of Chinese people are strong and loyal supporters of the New Zealand Labour Party.



Associate Professor Henry Chung

They like a lot of what the party stands for, however a lot of people feel let down and wish the Labour Party had communicated with the Chinese community before going to the media,” Mr Chung says.

The data released by the Labour Party showed that between February and April, 39.5 per cent of Auckland house sales were to buyers with Chinese surnames, despite people of Chinese ethnicity making up just nine per cent of the population.

A sample of reports from Chinese media challenged the stated percentage believing it was more likely to be in the region of five to eight per cent as estimated by real estate agent Barfoot & Thompson.

The Chinese Herald described the figures as a “deep water bomb to New Zealand society and especially the Chinese community”, while the news agency Xinhua could not agree with the Labour Party's findings “because it is not possible to confirm the real originality of these buyers”.

Mr Chung, who is originally from Taiwan and is based at Massey's Auckland campus, says it must be remembered that many other people born in Asia, including Koreans and Malaysians, shared surnames such as his own with Chinese people.

Date: 16/07/2015

Type: Features

Categories: Home Page article; Auckland; College of Business; Election/Politics; National

Opinion: Strategic paths to adding value



Professor Hamish Gow.

There are increasing calls for the New Zealand agricultural sector to move away from commodities and take more of a value-added approach to the marketing of agricultural products. But, there is a lot of confusion around the topic: What does added value really mean? Are we not already adding value to our products? How do we evaluate value?

Discussions about the restructuring of the dairy and meat industries have shown the need for a simple framework to understand and evaluate different firms' strategic market position and how they create value. Without a simple conceptual model that everyone understands, people talk at cross purposes and meetings end with more confusion and frustration than when they began.

So how should we start to understand and evaluate the strategic market positioning of a firm and how it creates value? After much trial and error, I've found that Treacy and Wiersema's *Value Disciplines* framework provides some good guidance. They argue that there are three core strategic disciplines that companies can follow for creating value: operational excellence, product leadership and customer intimacy.

For companies to add value to their products in a sustainable way, they need to excel at one of these value disciplines with strong support from the others. Let me give you some examples.

Talleys Group operates with outstanding efficiency

The Talleys Group is one New Zealand agribusiness that has adopted an *operational excellence* approach to value creation. All its divisions are known for being competitive price leaders that deliver standardised products with outstanding efficiency. They create value by stripping out the excess supply chain fat, leveraging competitive market-based procurement processes, delivering to exact specification, and only investing in what is absolutely necessary.

As a result of their model, they can deliver fair and competitive market prices to farmers based upon standard market relationships. This clear and simple marketing relationship requires no capital investment by farmers and allows them to focus their scarce resources (land, time and capital) on what they know and can control best – farming.



Zespri's whole business model focuses on gold and green kiwifruit.

Zespri is the channel captain for the kiwifruit sector

Zespri has developed as an exemplar of a *product leadership* approach to value creation. Their whole business model, brand, and market positioning strategy is tightly aligned to two key products: green and gold kiwifruit.

To ensure that they can create sustainable value, Zespri has undertaken a channel captain's role, coordinating research and development, production, quality assurance, supply chain management, category management, distribution, and branding to ensure that everyone's programmes (from farmer to retailer) are aligned to continually deliver consumers a superior branded product that always performs to expectations.

Although the model has come under attack from some individuals, I would argue that the successful transition to SunGold after the arrival of the kiwifruit disease PSA in New Zealand positively reinforces the continued use of this value discipline approach for the kiwifruit industry.

New Zealand Merino Company links growers and manufacturers

Then there is John Brakenridge and the New Zealand Merino Company who have taken a *customer intimacy* approach to strategically positioning themselves to create value. They have created a two-sided platform that links individual merino growers, such as Jack and Kate Cocks at Mt Nicholas Station, directly with branded clothing retailers and manufacturers like Icebreaker.

The platform solution offers each brand an individually customisable suite of programmes that can be packaged in a win-win manner to assist each brand to deliver their desired outcomes for their target consumers. The farmer is no longer just a merino grower, but a brand partner.

For many growers this has been a significant mindset change as their long-term success is now tightly connected with their brand partner's success. This is a value discipline alignment that some farmers want and others do not. But if you want to play in this space there is no half-way house – it's all in, or nothing.

So what does this all mean?

As a member of any agrifood value chain, you need to know what the strategic value discipline is of your marketing channel. Does it align with the strategic market positioning of your enterprise? If not, you will need

to find a new marketing channel that does. All of the value disciplines create value, but in very different ways. No one discipline will be right for everyone.

On an industry level, some sectors are lucky because their leadership have strategically positioned them with the appropriate value discipline for that sector and then built an appropriate operational structure around it. However other sectors are not so lucky, with groups still fighting over how to make the wrong thing right by restructuring, rather than doing the right thing right. That means getting the strategic market positioning and value discipline correct, then allowing the structure to follow.

Hamish Gow is Professor of Agribusiness at Massey University.

Date: 16/07/2015

Type: Features

Categories: Home Page article; College of Business; Explore - Agriculture/Horticulture

Massey University Council Constitution amendment submitted



Massey University Chancellor Chris Kelly.

The Massey University Council has approved a new constitution setting the size and makeup of the Council pursuant to the Education Amendment Act 2015.

The proposed change, agreed at a meeting on July 3, was submitted to Tertiary Education, Skills and Employment Minister Steven Joyce for approval, which would be signalled through publication in the New Zealand Gazette.

Chancellor Chris Kelly thanked staff, students and other stakeholders who attended consultation sessions on the three campuses earlier this year and those who made submissions.

The Council-approved version of the new constitution is [online here](#).

Once the constitution is gazetted, elections for student and staff Council members will take place. Current Council members will resign on December 31 and the new Council will be formed on January 1, next year.

Date: 17/07/2015

Type: University News

Categories: Any



More than 30 years of diplomatic stand-off between Iran and the United States ended this week with the signing of a landmark deal restricting Iran's nuclear weapon capability.

Opinion: Iran's nuclear deal, a sign of hope

By Dr Negar Partow

The signing of the nuclear deal between Iran and the group of world powers known as the P 5+1 represents a satisfying conclusion to 12 years of intense negotiations. It is deservedly being hailed as a true diplomatic achievement in the Middle East.

The deal is a win-win situation for all the parties involved. As President Obama stated in his speech announcing the deal, it ensures that the international community will be able to verify that Iran cannot develop nuclear weapons, while inspection programmes will ensure that remains so.

More significantly, for the wider region, the deal is one of the very few issues in the Middle East in the last three decades that has been resolved through diplomatic means rather than conflict.

Iran hailed the deal (negotiated with the US, UK, Germany, France, Russia and China) and the ending of the crippling sanctions, but the consequences of the deal are not limited to its scaled-back nuclear programme or the sanctions removal. As Iranian president Hassan Rouhani stated in a public speech after the signing, the deal has opened a new era for Iran's political interactions. It will fundamentally change the political map of the Middle East fundamentally and in a short period. Besides negotiating a nuclear deal, the last round of dialogue has enabled Iran and the US to resume and continue a series of diplomatic negotiations after 34 years of dispute. Even if these negotiations are limited, they have ended more than three decades of political isolation for Iran.

The signing of the deal will have a significant impact on the Middle East regional politics as well as the policies toward the region adopted by the US, Russia and China. In the regional context, Iran's regional influence will increase as it works closer with the US and its allies in countering Islamic State.

It also poses challenges to the deal's vocal opponents Saudi Arabia and Israel. For Saudi Arabia, the extension of Iran's regional influence and its power base in Iraq and Syria is a potential security threat. For

Israel, the deal is not viewed as ending Iran's nuclear programme which according to Prime Minister Benjamin Netanyahu, can resume in 10 to 15 years from now. It could further inflame the disagreement between the Americans and Israel over the US Middle East policies and ironically draw Saudi Arabia closer to Israel. Disagreement between US and Saudi Arabia provides China and Russia with more opportunities for investments in the Arab kingdom, while the pending removal of the sanctions should see a rebalancing of the oil market with Iran back as a potentially influential player.

During the 30 years of Iran's isolation by the Western countries, particularly the US, Iran extended its economic ties with China and Russia but the outlook for both could now be less promising as the West eyes investment opportunities in Iran.

The global repositioning arising from ending the sanctions and normalisation of Iran's economic ties potentially creates more balance in the geopolitical map of the region as well as encouraging a more positive role for Iran in Afghanistan and Iraq.

Lastly, it's worth considering the impact that the deal could potentially have on Iran's role in the on-going Israeli-Palestinian conflict. Through the signing of the deal, Iran may be persuaded by the US and the European Union to encourage Palestinian groups to be commit to the ongoing peace negotiations and programme which, despite Israeli protestations, will provide a more stable security environment in its neighbouring countries. This is a historical moment that should be hailed and used properly by all parties for a more secure Middle East.

Dr Negar Partow, who was born and raised in Iran, is a Middle East specialist and senior lecturer in the Centre for Defence and Security Studies at Massey University's Wellington campus.

Date: 17/07/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Defence and Security; Feature; Opinion Piece; Wellington



Artwork detail from a student zine urging young people to recycle and reduce waste

Students get creative about environmental issues

Two Wellington students are using gangsta-style lingo for a campaign encouraging their peers to recycle plastic and other waste as part of a Massey University course on creativity in the community.

Dismayed at the amount of rubbish they saw dropped around the city, Thomas Aitken and Madison McGee wrote, designed, and published a colourful fold-up brochure that doubles as a poster and magazine, or zine, about recycling.

The pair aim to get people thinking about reducing the amount of plastic they use, and to recycle more with the simple but confronting message: "BE LEGIT. PICK UP YO SHIT." They elaborate on this riff with suggestions, such as growing your own food, or buying local and in-season produce to avoid chemical sprays, transport pollution and unnecessary plastic packaging. Other simple ideas include; saying no to plastic bags; starting a compost; monitoring paper use; and using your own bottle, mug or thermos instead of disposable drink containers and cups.

They've negotiated a deal with Phantom Billstickers to have 500 of the zines delivered for free all over Wellington.



Madison McGee and Thomas Aitken

The zine – a full-colour poster featuring Thomas' hand-drawn art and Madison's photos – comes with tips and facts on how and why we should reduce waste. It includes information that 85 per cent of waste found in landfills could have been recovered, re-used or recycled, as well as background on decomposition rates, designed to drive home the message about why recycling is vital to protect the environment. They point out that glass "never decomposes", while plastic bottles take 450 years, and plastic bags 10 to 20 years.

“Our intention is to make a zine that would speak to our target audience – people our own age living in flats and living on cheap student food, often consumed on the go. We needed to use their language,” says Ms McGee. “The use of slang and hand-drawn images throughout the zine matches the DIY [do-it-yourself] ethos that is central to zine culture.”

The pair also did a rubbish pickup in and around the Wellington campus then assembled the items they found into a life-size Rubbish Monster art installation. It is currently on display in the Massey Wellington library.

Course coordinator Associate Professor Elspeth Tilley, from the School of English and Media Studies, says the Creativity in the Community paper is part of Massey's innovative Expressive Arts curriculum, which focuses on how creative ventures can create social change. “Students have multiple opportunities to apply their learning in real-life projects, dealing with the messy realities of deadlines and logistics, and learning transferable work-ready skills,” she says.

“As well as enabling them to do something creative about a cause that they care about, such experiential learning classes give students excellent skills in higher-order thinking, multi-layered decision-making, problem-solving, risk management, teamwork and group organising skills,” she says.

Date: 21/07/2015

Type: University News

Categories: College of Humanities & Social Sciences; Creative Arts; Enviromental issues; Feature; Uni News



PhD researcher Nicole Lindsay is seeking people in the Nelson district who have had a near-death experience

Study explores life-changing impact of near death

A Massey University psychology researcher is looking for people who want to share their near-death experiences.

Nicole Lindsay, a PhD student with the School of Psychology who is based in Motueka, is looking for people in the Nelson/Tasman district to interview who have come close to death, and remember something unusual happening to them.

This might be the experience of leaving their body, travelling down a tunnel, meeting deceased others, being absorbed in a bright light or seeing their life quickly pass before them.

Near-death experiences more common

Due to improvements in resuscitation techniques over the last decade, near-death experiences (NDEs) are being reported more and more frequently.

“The people who experience this are a bit of a hidden population, probably because many have difficulty speaking about it,” says Ms Lindsay. “But not only are these types of experiences surprisingly common, with up to a quarter of survivors of life-threatening situations reporting them, but they typically lead to a number of positive changes in the experienter.”

Researchers have noted that those who have a near-death experience tend to display a typical pattern of after effects. These can include physical changes, such as increased electromagnetic sensitivity and an intolerance of loud noise and bright light, as well as psychological changes such as becoming less materialistic, and more selfless, kind and loving. One of the most pronounced changes that can take place is a dramatically decreased fear of death, and it is this Ms Lindsay's study is focusing on.

“It's particularly interesting as we tend to view the fear of death as something inescapable, something that is simply part of being human, but near-death experiencers often completely lose their fear of death,” she says.

“You can imagine how that impacts on an individual's life. When you don't fear death, then what do you have to lose? The world becomes a very different place”.

Transformational change in the individual can happen after any life-threatening event she says, but the extent of change is much greater amongst those who experience near-death states. This suggests there is something unique about this particular type of psychological experience..

“I'm interested in why this is so? What is it about the near-death experience that can bring about such a dramatic shift in attitude. At the moment we don't really know.”

Understanding positive changes following a near-death experience

Ms Lindsay hopes her study will foster a better understanding of the aspects of near-death experiences that trigger positive changes and how people find meaning in their lives – information of benefit to psychologists working to help people feel more positive, motivated and self-aware.

“In the West, we have a high level of anxiety surrounding the thought of death, and anything that helps us understand and accept death more positively can only be a good thing,” she says.

Ms Lindsay has a Bachelor of Arts (Honours) in Psychology from the University of Canterbury and is now studying at Massey's Manawatū campus. She was inspired to do research in this area by Massey psychology lecturer Dr Natasha Tassell-Matamua, an international near-death experience specialist who, with sociologist Dr Mary Murray, undertook the first major research on people's accounts of near-death experiences in New Zealand. Dr Tassell-Matamua is supervising Ms Lindsay while continuing her own research on near-death experiences.

If you are living in or near Nelson, have had a near-death experience and would like to take part in the study, please contact Nicole Lindsay at nicole.lindsay.2@uni.massey.ac.nz. All responses will be treated confidentially.

Date: 21/07/2015

Type: Research

Categories: College of Humanities & Social Sciences; Research; School of Psychology

Grow North initiative – staff update



The University is continuing what will be a regular series of communications with staff, particularly those based in Auckland, on its Grow North initiative.

The initiative was presented to Auckland staff late last year and a campus leadership team was formed to oversee development and leadership of the plan.

The Grow North goals align with the Road to 2025 strategy, and include having 10,000 equivalent full-time students enrolled – 40 per cent of them postgraduates – and having a high research capability among academic staff, with 70 per cent of them classed as A or B-ranked researchers in the Performance-Based Research Funding process.

Massey aims to be the university most connected to businesses and professions in Auckland, the university of choice for international students and new migrants, and recognised as the university for Auckland north of the Harbour Bridge, including Waitakere and Northland.

Market research shows reputation is a key motivator for everyone and international rankings are important.

In May this year, a group of about 50 campus staff from all colleges and services portfolios, as well as several students, were invited to a Grow North strategy workshop to generate



Professor Ted Zorn.

ideas for actions that will promote growth, prioritise and categorise those actions, consider how ideas can be generated from all parts of the campus and identify those who would champion particular actions.

Those who took part identified what they regarded as the best and most important actions and later a survey was conducted of all campus staff to get their views. Some ideas that were particularly popular for both the workshop and the survey were:

- Increase targeted marketing
- Allow greater autonomy for the Albany campus
- Increase the number and value of scholarships
- Do better or more promotion of our successes
- Provide more or better bus and shuttle services
- Make Albany campus life more exciting and engaging
- Increase or improve our efforts to internationalise

Using input from the workshop and the survey, the Albany Campus Leadership Team, chaired by Deputy Vice-Chancellor Ted Zorn, developed a framework that includes five broad initiatives:

- A marketing plan for the campus
- A campus innovation eco-system
- Improved infrastructure
- Enhance campus life and culture
- A communication plan to map and share progress

Within each broad initiative, specific short-term, medium-term and long-term activities and goals have been identified.

The next steps in the initiative are to discuss the recommendations with the University's Senior Leadership Team and then provide a revised report to staff for comment. The success of the initiative depends on staff buy-in and commitment, so we want to communicate regularly and provide opportunities for feedback as we go.

The intention is to use the usual channels, including meetings, campus emails and the weekly people@massey newsletter to report developments and invite input, usually by directing staff to reports on the programme on the Staffroom and OneMassey intranet sites.

Please email [Professor Zorn](#) if you have suggestions on how we communicate with you about the Grow North initiative.

Date: 21/07/2015

Type: Internal Communication

Categories: Any



More primary school-aged children are sought for a health and wellness study being undertaken by PhD candidate Nick Castro

Primary schools sought for health and wellness week study

More children are sought for New Zealand's first-ever comprehensive investigation measuring the connection between a range of health indicators and the risk of diabetes or heart disease, also known as cardio-metabolic health.

School of Sport, Exercise and Health PhD candidate Nick Castro's study involves a health and wellness week for children aged eight to 10 years. It addresses these health indicators that include good eating habits, daily exercise, staying fit and getting enough sleep. The study will take place in primary schools at Wellington, Christchurch and Dunedin.

“Although cardio-vascular disease [closely related to cardio-metabolic health] is typically associated with middle or old age the process often initiates in childhood,” Mr Castro says.

The study involves a one-week process. Children are tested on such measures as their blood pressure, body composition (height, weight, hip, waist), and sugar and glucose levels. Then, later in the week, with support from agencies such as the Health Foundation, the entire school is invited to participate in a health and wellness day comprising similar tests, games and activities.

The Pre-Adolescent Cardio-Metabolic Associations and Correlates or PACMAC programme will collectively address in one study issues previously only investigated separately, Mr Castro says.

“While commonly cited causes of obesity include declining physical activity and fitness levels, poor nutrition and poor sleep habits, no study in New Zealand has comprehensively assessed all these components together in primary school-aged children.”

As he approaches the halfway point of his research, Mr Castro is calling on more schools and their pupils to participate in the study.

“The research outcomes from the PACMAC study will help inform health professionals, education curriculum developers and children health policy guidelines as to the most effective and cost efficient way to make an impact on the deteriorating health of children in New Zealand.”

At present New Zealand is always ranked among the top five countries with the highest rates of childhood obesity, he says. A contributory factor could be a child's lack or quality of sleep, which can contribute to obesity, high blood pressure and decreased insulin sensitivity due to changes in the levels of appetite regulating hormones released during the sleep cycle.

In the short-term the findings will help clarify targets for reducing obesity and improving cardio-metabolic health among New Zealand children. Longer term, he says the study will look to promote larger scale research focusing on potential ethnic differences, changes across age groups, international comparisons and the implications for healthcare systems.

Date: 22/07/2015

Type: Research

Categories: College of Health; Explore - HEALTH; Research - Health and Wellbeing; School of Sport, Exercise and Nutrition; Wellington

Fun management challenge breaks the ice



Challenge winners Priscilla de Groen-Hutchison and Charlotte Newson with event organiser Dr Trish Bradbury. The students are holding their drawing of Dr Bradbury, which was one of the challenge's 30 tasks.

Around 150 first-year management students took part in the annual Great 108 Management Challenge on Massey's Albany campus yesterday – all in the name of having fun and making new friends.

Senior management lecturer Dr Trish Bradbury created the challenge to help the many students who find their first year at university daunting. She wanted a way of “breaking the ice” so new students could bond with their lecturers and each other, and confidently find their way around the campus.

The Great 108 Management Challenge, which takes its name from the code for the ‘Organisations and Management’ paper, was the result of brainstorming by School of Management lecturers who wanted to make a difference.

“We had limited resources and thought the challenge would be a fun way to introduce the students to their lecturers, while incorporating course content,” Dr Bradbury says. “The students are put into teams and have 108 minutes to complete as many tasks as they can from a list of 30 options.

“They have to determine how they will select the tasks and divide up the work. They need to nominate people for particular challenges and stick to the deadline. While many of the tasks seem silly, the challenge gives them a chance to reflect on team building, leadership, decision-making and communication – all part of what you learn when you study management.”



Management students gather at The Ferg for the final challenges.

"Management can actually be fun."

Students Priscilla de Groen-Hutchison and Charlotte Newson, both from the winning team, said the challenge introduced them to their classmates and lecturers in a fun way.

Ms Newson said she was pushed outside her comfort zone, but it would hold her in good stead for the rest of the semester. "Getting up on stage in front of everyone was scary, but it was good to win!" she said.

Ms de Groen-Hutchison said she met a lot of people and realised that "management can actually be fun".

"Collecting business cards was a great way to interact with lots of lecturers that I would never normally meet," she added.

This is the second year Dr Bradbury has run the Great 108 Management Challenge. She says there was a noticeable change in class dynamics after last year's inaugural challenge so the event has now become a fixture in the academic calendar.

"Students were more willing to engage with me and their classmates after the challenge, they felt more comfortable contributing in class," she says. "I think it also helped them get out and around the campus to learn where things are and tweaked their interest in the paper content and the specialist areas of various lecturers."

Prizes for the Great 108 Management Challenge were provided by Harbour Rugby, Berkeley Cinemas and Massey University.

Date: 22/07/2015

Type: University News

Categories: College of Business



Older workers favour flexible timetables and reduced hours, researchers say.

Employers must adapt to older workers' needs

Employers will need to consider more flexible work schedules and reduced hours to accommodate the needs of an expanding older workforce, according to Massey University researchers.

It's one of the trends identified by leading researchers from Massey University's Health and Ageing Research Team, who will present their findings from a health and retirement survey at a seminar on ageing and health in Wellington on Thursday.

Flexible work schedules were rated as important by 60 per cent of older workers, with phased in retirement and reduced work hours also highly rated, says Professor Fiona Alpass, one of the key researchers.

"However, less than half reported that their employers offered these arrangements," Professor Alpass says. "Flexible work arrangements present a potentially important focus for the future if older workers are to be encouraged to extend their working lives."

Such arrangements are not only good for older workers, she says, but they can also be very beneficial for employers. "They can lower staff absenteeism and turnover, increase loyalty, and help maintain institutional knowledge".

Professor Alpass, who is based at the School of Psychology at the Manawatū campus, and Dr Judith Davey, from the Institute for Governance and Policy Studies at Victoria University, will present findings from the 2013 Health, Work and Retirement survey, outlining the potential policy and labour market effects on older workers.



Professor Fiona Alpass

The July 23 seminar will provide national research stakeholders and other interested parties with an overview of how results from the survey may inform social and policy interventions for the health and wellbeing of the older New Zealand population. The latest study comes under the *Enabling Participation by all Older People: Targeting Past and Future Predictors of Ageing Well* project, funded by the Ministry of Business, Innovation and Employment.

Dr Mary Breheny, from Massey's School of Public Health, and Dr Sally Keeling, from the University of Otago, will present commentary on the policy implications of new research from life-history interviews of older New Zealanders, with a focus on the effects of early life health and work experiences on wellbeing in later life.

Further information on the seminar [here](#):

To find out more about the Health Work and Retirement Study, visit the Health and Ageing Research Team website [here](#).

Date: 22/07/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Explore - HEALTH; Research; Research - Health and Wellbeing; School of Health Sciences; School of Psychology; Uni News

Making sure blueberry juice worth the squeeze



image courtesy of Jeff Kubina.

Blueberries can help with mental acuity, Metabolic Syndrome, gut health and muscle repair. But to make the best quality juice, a processor needs to ensure key chemicals in the whole fruit are retained. A Massey University student has developed a tool to help local processors keep the health-promoting qualities of whole blueberries when they make juice.

Khairul Kasim spent three years as part of her doctorate degree researching blueberry juicing, using pilot plant equipment at Massey University.

A review of literature about blueberry health effects led Dr Kasim to select three sets of chemicals to look at: anthocyanins, chlorogenic acid and procyanidin-B. She investigated the physical and chemical processes that occur during typical processing stages, worked out what was happening to the berries as a result and then tested her calculations against samples of real juice she had made.

The result is a computer model that shows the relationship between how the blueberries are treated during processing and the resulting levels of three types of chemicals in the juice end-product.

Massey University Professor of Postharvest Technology Julian Heyes, who supervised her work, says the Food Pilot Plant was key as it provided a range of small-scale versions of commercial equipment that can be used to make 50 litres of a juice at a time for testing.

He says the findings of the research gives processors a way of assessing how to get a particular result before they start working with the fruit. "They can dial up a processing recipe," Professor Heyes says. "You type in the temperature and the time for each stage and it will tell you how much of each of these three chemicals is left in the juice at the end."

“There might be stages where a certain temperature or time favours one chemical more than the other. Some are more stable in heat, for example, and some can be broken down by an enzyme that might be released during processing. These can significantly change the composition of the resulting juice, we've found. The processor needs to decide what they want.”

According to Professor Heyes, the payoff can also be substantial “Blueberry juice is a high-value product – it sells at about \$20 a litre. There are great opportunities to sell it to the growing middle class, for example in the South East Asian region. They are health-conscious and have enough income to be able to pay for good products.”

Her co-supervisor from Plant and Food Research, Roger Hurst, put her in touch with Blueberries New Zealand as the industry umbrella group. Dr Kasim particularly appreciated working with Mamaku Blue from Rotorua, “who have been a fantastic partner through this – they were very enthusiastic,” Professor Heyes says.

He says there is still some development to do, as currently it is an empirical model. “The next step is to do more process modelling. For example the model might say to heat the blueberries in a short time period but how do you do that with 500kg of berries? So, it's not quite ready for industry to use now, but this is good progress towards giving them a tool.”

As a further step, Dr Kasim also did some research into consumer perceptions of blueberry juices containing high levels of the three chemical types, so she could describe relationships with such aspects as astringency, bitterness and sweetness. She was delighted to find her juices were well received. Her results will be presented to the blueberry industry to get their feedback.

Dr Kasim is from Malaysia and her work was funded by the Malaysian Ministry of Higher Education.

Date: 23/07/2015

Type: Research

Categories: Home Page article; Applied Learning; College of Sciences; Explore - Agriculture/Horticulture; Explore - HEALTH; Horticulture; International; Research



Parliament buildings emblazoned with iconic artefacts from the Wellington City to Sea Bridge, an example of the kind of imagery to be seen at the Big Birthday Party on Saturday

Open Lab imagery celebrates capital's birthday

Massey University's design studio Open Lab is at the forefront of celebrations marking Wellington's 150th birthday as New Zealand's capital this weekend.

Staff from Open Lab - part of the College of Creative Arts- are helping with project imagery in a sound and light show across Parliament buildings, as the grounds of the seat of government are temporarily handed over to Wellington residents to celebrate in style.

In collaboration with visitor experience company Story Inc, Open Lab will project pre-programmed messages as well as live audience tweets directly onto the outer walls of Parliament buildings. Amid a plethora of other activity, the projected images will transform Parliament into a façade of words before transitioning to a more formal welcome featuring a performance by musician Dave Dobbyn.

Spatial design graduate and Massey staff member Oliver Blair, who helped design the projection sequence with fellow designers Steph Jowett and Sam Bazalo, says the opportunity to be involved with illuminating such a recognisable landmark as Parliament buildings was not to be missed.

Open Lab director Anna Brown describes the project, "The house words built," as a large-scale mass interactive spectacle similar to the projections onto the museum building at Buckle St to commemorate Anzac Day.

"We think it's the first time anything like this has been projected onto Parliament buildings - it's something that will live long in the memory for participants and spectators alike."

The Big Birthday Party is at Parliament buildings from 5pm to 7pm on Saturday. Rain day Sunday July 26. The 20-minute light show will also play on a loop from 5.30pm-8pm on Sunday and Monday.

Date: 23/07/2015

Type: University News

Categories: College of Creative Arts; Creative Arts; Wellington



Mandatory registration of social workers long overdue

The Private Member's Bill pulled from the ballot today requiring mandatory registration of social workers has met with approval from those teaching the next generation of social workers.

Head of the School of Social Work Associate Professor Kieran O'Donoghue says mandatory registration is long overdue.

"This bill is a common sense solution to the limitations of the current voluntary system, which has been in place since 2003," Dr O'Donoghue says.

"The public deserves to know that the social workers who work with vulnerable people experiencing challenging social situations and problems are registered professionals, who are professionally accountable to a regulatory authority.

"The public deserves an assurance from the state that all social workers are qualified and trustworthy people of good character. Mandatory registration is the only mechanism that provides the public with these assurances and protections."

The Social Workers' Registration (Mandatory Registration) Amendment Bill presented by Labour MP Carmel Sepuloni seeks to ensure social workers are registered professionals who are reviewed annually. It also seeks to protect the title of "social worker" to prevent it being used by unregistered or deregistered social workers

Dr O'Donoghue hopes there will be cross-party support for the bill to ensure it passes.

Massey University's School of Social Work is a national and international research leader in social work and social policy. In 2016 they will celebrate 40 years of teaching in this discipline.

Date: 24/07/2015

Type: Features

Categories: College of Humanities & Social Sciences



Caption: Alumni from the 1975 School of Journalism class, from left; Joseph Romanos, Gael Woods, Jane-Frances O'Halloran, Warren Adler, Terry Ryder and Maureen Lloyd back in the classroom where they were learned their craft.

Journalism alumni revisit past deadlines and headlines

Forty years after graduating from the School of Journalism, a group of alumni from the 1975 intake visited the classrooms on Massey University's Wellington campus where they first learned their craft.

"Where are the typewriters?" was the first impression noted by the group comprising of print and radio journalists, a lawyer a publisher and media studies lecturer.

Publisher Warren Adler said 40 years ago the idea of having computers in the classroom had never even been considered.

At the time the course was run by Wellington Polytechnic, which later merged with Massey University.

Surveying the plethora of facilities and equipment such as broadcast studio, audio recorders, film cameras and assorted microphones, the group marvelled at the technology now available to students studying at the School of Journalism.

Fairfax Media journalist, Joseph Romanos, who is now editor of The Wellingtonian community newspaper, also noted the absence of tobacco in the air compared to the mid 1970s when most students were regular smokers in the classroom.

School of Journalism senior lecturer Cathy Strong says it was impressive how much the group had remembered from their time studying.

"This is a lesson to us educators to make sure the concentrated year's programme is meaningful *and* fun for the students.

We hope to see this group again, and many other former graduates at the journalism school's 50th anniversary at the end of next year. “

Date: 24/07/2015

Type: University News

Categories: College of Business; Wellington



National collaboration on this year's Open Days

Final planning is under way for this year's Open Days.

Open Days are collaborative recruitment events across the University, involving academics, professional staff, students, clubs and organisations, and external stakeholders such as schools and community groups.

This year's events (Manawatū August 5, Auckland August 15 and Wellington August 28) have been organised with a national perspective so that prospective students will experience similar recruitment experiences on each campus along with the unique qualities of each campus.

Academic hubs are organised by programme areas to make it easy for students to find their way around and prizes will be earned for completing "clip cards".

[More details, including campus programmes, are online here.](#)

All staff are invited to attend to attend an information session from 3pm-4pm tomorrow (July 29) in which all the campuses will be linked by video conference.

The venues are Auckland Quad A 3.45, Manawatū University House executive meeting room and Wellington 5H29.

For further information please contact [Nicole Canning](#) or ext 83362.

Date: 28/07/2015

Type: Internal Communication

Categories: Any



Michael McManus, Professor Emeritus of Plant Physiology

We are very sad to pass on the news that Michael McManus, our valued colleague, mentor and friend, died on July 16 in Palmerston North. He was Professor of Plant Physiology in the Institute of Fundamental Sciences and he was also director of the Centre for Plant Sciences. He joined Massey in 1995 and retired earlier this year after being diagnosed with cancer.

Professor McManus was recognised internationally as having made an outstanding contribution to his field. His research in recent years had focused on gaining deep understanding of metabolic pathways in plants. A prime example was his studies on the regulation of ethylene biosynthesis during periods of water and nutrient stress. This excellent research had led to collaborations with researchers at AgResearch and GrasslaNZ Technology for improving the performance of agriculturally important plants during periods of drought. A further example of his lab-based work migrating to cropping systems were his studies on sulfur metabolism in onions.

His work was recognised at the national level this year with Lifetime Membership of the New Zealand Society of Plant Biologists. At the international level he was recognised with the 2003 award of a Royal Society of London Travel Fellowship and Visiting Research Fellowship so that he could conduct a period of research with the Oxford Research Unit at Britain's Open University.

He made an outstanding contribution to scholarship at Massey through this work. Plant sciences covers a wide range of activities, from horticulture to traditional plant biology, all aimed at understanding the diversity, function, and evolution of native, ornamental, and agricultural plants. This is conducted at the whole plant level through to detailed studies at the molecular level and by researchers across the Institute of Agriculture and Environment and the Institute of Fundamental Sciences. Professor McManus' scholarship was at the molecular level in understanding metabolic pathways. However, he was an exceptional researcher in that his findings were applied directly to crop systems critical to NZ's agricultural economy. He provided a significant part of Massey University's profile in Plant Sciences on the national and international stage.

He contributed considerably to the next generation of plant scientists with supervision of 25 doctoral and 14 master's students to completion. He also led the Plant Biology major within the BSc programme for more

than 10 years. More recently he provided a substantial leadership role in a bid for a new centre of research excellence. The bid received many favourable reviews on its scientific approach. Although it was not one of the few selected in the final round of awards to centres, the initiative has brought together the plant research community across New Zealand.

His scholarship at Massey University was recognised with the 2011 Massey University Research Medal Supervisor Award.

He was held in high regard by colleagues, was actively involved in mentoring and guiding new staff in the plant sciences area and extended his wisdom and insight to colleagues at AgResearch, GrasslaNZ Technology and at Plant and Food Research. We have received many informal messages from plant science researchers within Massey University and at other institutions acknowledging the professional and personal loss that results from his death.

Just prior to his death the University's honorary awards committee, under the delegated authority of the Massey University Council, conferred the title of Professor Emeritus on him but unfortunately he died before he became aware of this final accolade. A more [detailed obituary is online here](#).

We extend our condolences to his wife, Bronwyn, and their children Catherine and William. We will all miss his wry sense of humour, enthusiasm, camaraderie and vitality.

Professor Simon Hall

Head of Institute, Institute of Fundamental Sciences

Date: 28/07/2015

Type: Internal Communication

Categories: Any

USA students learn and explore as part of NZ internship



Students from the New Zealand National Expedition and Internships Programme at the Mt Nicholas high country sheep station, from left: Alise Erikson, Kate Kretzchmer, Jesse Whitfield, Erin Gumpfer, Hayley Nelson, Hannah Hazewinkel, Holton Deathridge, Josh Plunk and Shane Franklin.

Thirty-seven intrepid university students from across the United States have rounded off a six-week expedition and internship programme that saw them take part in a range of activities ranging from bungy jumping and sky diving to testing the sugar content of apples and tracking kiwi.

The students, from 14 universities including Michigan State, George Washington and Illinois, took part in a programme organised by Massey University's Institute of Agriculture and Environment and Centre for Professional and Continuing Education.

Beginning the study tour portion of the trip in Queenstown with an overnight trip to the historic 40,000 ha high country sheep station on Mt Nicholas, the students made their way up the country covering the Franz Josef glacier, the Pancake Rocks at Punakaiki, vineyards in the Marlborough Sounds, Tongariro National Park, dairy farms in Waikato, geothermal areas in Taupo and Rotorua.



Erin Gumper from Michigan State University jumps into her New Zealand experience with a bungy jump in Taupo.

They then began their internships with agrifood industry and environmental leaders in Hawke's Bay including the free-range chicken farm Bostock Organic, the Department of Conservation, the Hawke's Bay Regional Council, premium global food manufacturer GreenMount Foods and Fish and Game New Zealand.

The trip concluded this week with an intensive block course at Massey University in Manawatū, where they could earn university credits by writing up a series of case studies from the wool, wine and dairy industries they encountered on the trip.

Michigan State University zoology student Hannah Hazelwinkel said the internship gave her “real-world” experience. “It was amazing to get to do conservation work and see what that was like. The highlight for me was tracking kiwi and pateke [brown teal].”



Sarah Slack from Colorado State tracking pateke for her internship with the Department of Conservation.

Programme co-ordinator Christina Baldarelli said the trip was a lot of fun and also a great learning experience.

“Students gain an understanding of the intricate relationships between agricultural and environmental issues in New Zealand and how these shape the everyday lives of Kiwis and the country as a whole.

“From Massey's perspective, it's a great way for students to engage with the business community in Hawke's Bay.”

She says developments are under way to expand the programme next year to include agribusiness, emergency management and communications.



Jesse Whitfield from Michigan State University in the South Island preparing for her internship with Boutique Horse Treks in Clive, Hawke's Bay.

Date: 28/07/2015

Type: University News

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Horticulture; International; National



A national levy on single use plastic bags received an 89 per cent vote in favour at the Local Government New Zealand conference

Opinion: National levy needed to reduce plastic plague

by Trisia Farrelly

Conservation Minister Nick Smith's recent announcement of a \$1.2 million dollar plan for plastic bag recycling scheme might give the impression the government is doing something for the environment.

But it's a short-sighted solution that will only serve to maintain the current volume of plastic in the waste stream.

The maths alone should be a cause and case for change as New Zealanders dispose of around 40,000 plastic shopping bags in landfills every hour. *Every hour.*

A recycling scheme is unlikely to divert much plastic – it is easier and more convenient for most New Zealanders to simply chuck their plastic bags in a bin after one use.

The government's proposal was curiously timed and evidently out of touch with local government vision on the issue. It came the day after a swathe of councils voted in favour of a nation-wide levy on single-use plastic bags at point of sale. Unlike Dr Smith's plan, the proposed levy would target the issue at its core: prevention.

The levy, backed by Auckland, Hamilton, Dunedin, Napier, Taupo, Hauraki, South Wairarapa, and Horizons councils and strongly supported by Palmerston North Mayor Grant Smith, received an 89 per cent vote in favour at the Local Government New Zealand conference in Rotorua last Sunday. This means officials will add it to their central government agenda. A levy would mean producers and retailers decide whether or not they absorb the cost or pass it onto consumers. This won't be an issue if retailers and consumers avoid the purchase of single-use plastic bags altogether and opt for more sensible alternatives.

Internationally, bans, levies and taxes have seen some resounding successes. An outright plastic-bag ban in China is estimated to save 37 million barrels of oil a year. This month, China reported a 66 per cent drop in bags since the 2008 ban. Northern Ireland's plastic bag levy saw an 80 per cent drop in plastic bag use in its first year in 2013.

Globally, single-use plastic bags are the number one consumer item. Every year, 500 billion to one trillion plastic bags are consumed worldwide. This works out at around one million plastic bags per minute. On average, they are used for about 20 minutes before disposal to landfill, where they can take decades to break down.

Plastic bags are dangerous for animals on land, in the sea and near rivers, causing intestinal tract blockages, strangulation, and suffocation – including in dairy cows. Plastic waste constitutes about 90 per cent of waste floating in the sea. Plastic bags are widely dispersed in the environment and break down easily into microparticles, which can absorb high concentrations of persistent organic pollutants. When fish or other animals eat these, they enter the food chain of living organisms – including us. They also contain chemicals which have recently been linked to problems with human development and brain behaviour, and various forms of cancer.

Dr Smith's comment that plastic bags are a small percentage of the waste stream, and therefore of little concern, is at odds with these facts. We have a responsibility both locally and globally to control the flow of these highly mobile materials, especially when it is easy to replace ubiquitous plastic bags with less harmful alternatives, including just saying "No bag thanks. I have my own reusable one".

In a country with the population the size of ours, a levy on plastic bags has a strong chance of success. If a long list of nations and cities across the globe can regulate single-use plastic bags – including Bangladesh, China, American Samoa, Ireland, Haiti, and parts of neighbouring Australia – why can't "clean, green Aotearoa" ?

I would like to see a national levy on plastic bags complemented by a nation-wide recycling scheme for soft and single-use plastic. A nationwide levy could also fund a smaller recycling scheme than the one planned by government to stem the flow of soft plastic packaging not captured by the levy. After all, the bulk of unavoidable disposable packaging for Kiwis is the plastic wrapped around the majority of our supermarket items including bread, breakfast cereals, pastas, rice, and frozen foods.

Longterm, we need to foster product stewardship schemes so that whoever designs, produces, sells, or uses a product takes responsibility for minimising its environmental impact across all stages of its life cycle.

Such schemes could be partly funded by the levy so that we phase out fossil fuel-based, soft plastic packaging and replace it with non-toxic, biodegradable alternatives – thus eliminating the need for levies, recycling schemes, and landfills.

Our international reputation, and the health of our people, environment and produce, depend on such efforts.

Dr Trisia Farrelly is an environmental anthropologist at Massey University's School of People, Environment and Planning.

Date: 29/07/2015

Type: Features

Categories: College of Humanities & Social Sciences; Environmental issues; Explore - Planning; Government Policy commentators; Opinion Piece



Tree collapse shocks University House staff

When Massey University Council executive secretary Paddy Nicol heard some thumps on the ceiling of her office in University House on Wednesday afternoon, she initially assumed possums had got in under the roof.

Then she saw from her window a tree falling directly toward the building. "I thought I was going to die," she says. A 20-metre oak tree collapsed just before 4pm yesterday, crashing into a smaller blue spruce nearer the building. "It was a hell of a noise," says building colleague Tina Haronga, whose office is along the corridor. "It sounded like a truck coming through the building."

Manawatu campus grounds manager Gary Mack says the tree's roots had rotted, probably as a result of soil being piled against the trunk many years ago.

Fortunately it caused relatively minor damage to the roof of the building, with the spruce absorbing most of the impact, and no one was injured.

Mr Mack says staff will be checking other nearby trees, some of which may need to be removed.

Date: 31/07/2015

Type: Internal Communication

Categories: Uni News



Captions: Top, Philip Leyton's Triple Skin BMX helmet design; Centre, a range of shoes using only natural New Zealand materials made by Emma Warren; Bottom, Jason Khoo's Tree Mount design

Hat trick of finalists for Dyson Awards



Massey University's industrial design prowess has been enhanced with the announcement that all three finalists in the prestigious New Zealand James Dyson Award for excellence in industrial design this year hail from the University's School of Design.

A sustainable woolly shoe that uses no glue, a pre-built foundation for backyard tree houses and a helmet which moves on impact to protect bike riders were today named the 2015 New Zealand finalists for the international design award that recognises emerging designers with problem solving inventions.

James Dyson New Zealand head judge Mike Jensen says all three designs, which emerged from the design school that is part of the College of Creative Arts, demonstrate innovative and inspiring solutions to everyday problems.

Industrial design honours graduate Philip Leyton designed a one-size-fits-all triple skin BMX helmet after seeing riders at the bike park risk head injuries from incorrectly wearing traditional helmets or not wearing one at all.

His design uses a tension system so wearers can fully adjust the shape of the ventilated design to their head. It also features a segmented design allowing each part to move on impact through a three-stage system. The outer shell disperses the main impact, moving to absorb energy and dampening the force while minimising any rotational force. The styrene middle layer absorbs the main force with a separate foam layer helping to also cushion the impact.

Mr Leyton says the design addressed the ongoing issue for BMX riders of helmets either being ill-fitting or lacking in style, design aspects acknowledged by Mr Jensen.

“This helmet overcomes some of the existing stigmas and the physical discomfort associated with wearing helmets in this sport,” he says.

“In a sport where head accidents can be very serious, Triple Skin offers a solution that could create a cultural change.”

Another industrial design graduate Emma Warren designed Bound 8, a sustainable shoe made only from natural latex and wool, fulfilling her goal of making a long lasting shoe from just natural New Zealand materials – and reviving the craft of shoe making.

Currently working as bespoke shoe designer in Sydney, Ms Warren says her design requires no glue, instead using the adhesive nature of wool felt to attach the shoe's different parts. Bound 8 can be produced at the source, the farm, using existing machinery and eliminating a supply chain she calls convoluted with more than 20 steps from it being grown to the consumer buying the product.

Remuera man Jason Khoo designed a pre-built foundation for a tree house that can be easily mounted without going through the labour of traditional building methods. His design eliminates the need for a permanent foundation when building tree houses, allowing it to be relocated. The bracket mount is supplied while the user can design and source their own tree house materials.

Mr Khoo says his design retains the fun of a do-it-yourself project without causing harm to the tree. It also encourages children to spend more time outdoors.

“I spent my childhood riding bikes and climbing trees. Now society is too busy and technology is limiting self-time. I hope Tree Mount will counter this by giving people a purpose for taking time out to enjoy nature, use their creative minds and build something with their hands.”

The winning entry from the three designs will be announced on Tuesday August 4. The national winner will receive \$5200 plus an official fee package from the Intellectual Property Office of New Zealand (IPONZ) and a membership to the Designers Institute.

Date: 31/07/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington



A group of soldiers share a meal on Gallipoli (Bob Jackman)

Johnny Enzed – the truth of war in soldiers' words

What was it *really* like to fight in the First World War?

Testimonies from more than 2000 letters, diaries and journal entries of New Zealand soldiers who served in the Great War (1914-1918) provide vivid, moving and horrifying written accounts in a new book by Massey University Professor of War Studies Glyn Harper.

Johnny Enzed: The New Zealand soldier in the First World War 1914-1918 takes the reader deep into the territory and terrors of life at war: the gas attacks, rats in the trenches and the putrid stench of rotting bodies.

The entries also reveal the depth and strength of the camaraderie between soldiers as they faced unimaginable physical hardships, danger and suffering on the battlefronts of the Middle East, the Western Front in Europe and in Gallipoli, Turkey.

First hand accounts expose the truth of soldiers' lives as they experienced the war, Professor Harper says, enabling



Members of the New Zealand Rifle Brigade in France playing cards

readers to gain a new understanding of what it was like for the ordinary soldier a century ago.

In one of the many poignant, revealing entries Lieutenant Harry Kenrick, who was with the 3rd Otago Battalion in the 4th Brigade, describes his thoughts at the October Battle of Broodseinde in Belgium:

My prayer and that of some others was; 'Please God, when the shell with my number on it comes my way I either get a 'blighty' and be able to walk out or be killed outright – but not wounded and left to die in the mud.' Not a very cheerful sentiment for a boy who had just turned 19 years of age."

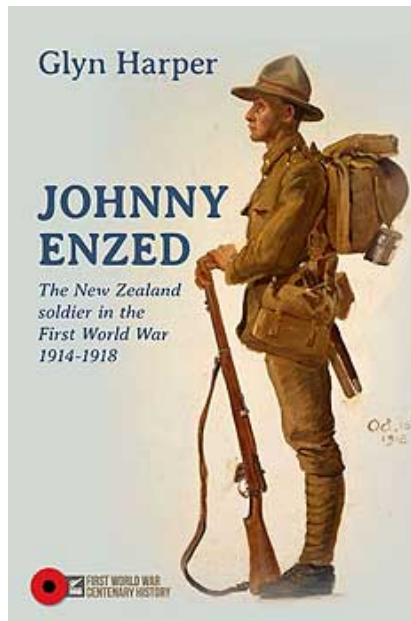


Author Professor Glyn Harper

The 720-page hardback book with 150 photos (Exisle Publishing), will be launched at a special event in Palmerston North on Friday, August 7 to commemorate the legendary Gallipoli battle of Chunuk Bair.

The *Johnny Enzed* of the title is a term New Zealand soldiers of the time would have used to call themselves, says Professor Harper.

"There were many of these but surprisingly, 'Kiwi' was seldom used. The term 'Enzed' or 'Enzeder' was in common use and could not be applied to – or taken by – Australians, like the terms 'Anzac' or 'Digger'. 'Johnny', meaning fellow or person, had been frequently used in New Zealand from the mid-nineteenth century," he says.



Book cover

Professor Harper, the author of 20 books including nine for children on New Zealand's war history, says the experience of reading soldiers' diaries and letters in order to edit extracts for the book was deeply affecting, despite the years he has spent researching New Zealand's military history.

"There were many things that surprised me in my research for this book. The quality of the soldiers' writing has always amazed me. They were quite a literate group. Their use of language was inventive and unique too and I have a section on this in the book.

"It defined them too as being able to 'sling the bat' (speak the language) and marked you as being part of the soldier community. The importance of communal singing was interesting and it surprised me to learn that at one time the New Zealand Division had five different concert groups performing shows near the front line. The emphasis soldiers placed on food, drink and sex was to be expected, but it was gratifying to find candid accounts of this in their diaries and sometimes even in their letters back home."

More than 100,000 men and women embarked for overseas service during the First World War, and almost 60,000 of them became casualties.

The book's publication and Chunuk Bair commemoration are part of the Centenary History of New Zealand and the First World War project, a collaboration between Massey University, the Ministry of Culture and Heritage, the New Zealand Defence Force and the Returned and Services' Association.

Professor Harper is Massey Project Manager for the Centenary History of 13 volumes of the New Zealand involvement in the First World War. *Johnny Enzed: The New Zealand Soldier in the First World War 1914 – 1918* is one of five produced by Massey historians.

Other extracts from the book in soldiers' own words:

Gallipoli:

"The most afraid I ever felt was the night before it all began. I imagined every horrible fate that could happen to me. Sleep was impossible. I tried to get away on my own, but that was impossible too. I heard someone say, 'I didn't think Rotherham would turn yellow. But look at him.'"

- (*George Rotherham, Auckland Battalion, who had a crisis of confidence on the eve of landing at Anzac Cove, imagining 'all the horrible things that could happen to him'. When the moment came, he was the first Johnny Enzed to climb into the landing boats.*)

"God in heaven what slaughter there has been since last Friday night...what hell we went through from then till last night no one that did not see it can ever imagine even on a small scale. Men piled dead all around one, hands, legs, heads, bodies & equipment and rifles flying in the air, slung there by high explosive shells. How a man came out of it God alone knows."

- (*Murdoch Finlayson, one of the few Auckland Mounted Rifles' survivors of Chunuk Bair.*)

Western Front:

"We crossed a field where dead men were lying, pathetic bundles of khaki. They had been caught by machine gun fire, and lay as they fell. I had never seen a dead person before. I just looked at them out of the corner of my eye as I went past."

- (*Eric Hames, at Bapaume, where 2373 Johnny Enzeds were killed between 21 August and 3 September, 1918*)

Date: 02/08/2015

Type: Features

Categories: Home Page article; Book; College of Humanities & Social Sciences; Explore - Defence and Security; Feature; Research; School of Humanities; Uni News



Caption: Open Day, like last year's event on the Wellington campus, is a showcase of all Massey University has to offer to prospective students.

Massey Open Day - bonanza for the brain cells

Not sure if you want to be a vet, engineer, teacher or social worker? Or whether life as a financial planner, food technologist, filmmaker, or a philosopher is the right path? Could computing, communications or chemistry be among the pathways to your future? Massey University's Open Days offer a bonanza of inspirational, informative and interactive lectures, displays and tours.

Massey's three campuses are holding their open days throughout August and each even will have its own flavour, while giving participants a taste of the programmes they can study at the university.

Manawātū Open Day – Wednesday August 5

Find out more about Massey's diverse learning programmes, from humanities and social sciences, education and planning to health, business, communication and aviation.

Aspiring scientists can explore veterinary, agriculture or life sciences as well as a suite of health programmes from nursing and nutrition to social work, and sport and exercise. A landslide simulator, videos on volcanic processes and tours of Massey's world-class veterinary facilities are all part of programme.

Look out for the colourful caravan on the concourse if you are keen on creative arts and design programmes – based at the Wellington campus.

Information on student clubs, cultural and support services will also be on hand, along with live entertainment, free food and entertainment.

Auckland Open Day – Saturday August 15

Along with presentations on all the key programmes Massey offers, visitors to the Auckland campus will have a chance to view its state-of-the-art facilities, including the new \$26.2 million accommodation village, which enables students to live onsite for the first time.

Visitors can also tour the theatre lab, a flexible performing arts space for expressive arts students; the fully working Trading Room, which gives finance students access to real-world equipment like Bloomberg financial terminals; and the state-of-the-art Watson Science Labs.

Science will come alive with experiments and ecology displays in both the Watson Science Labs and in front of the Sir Neil Waters Lecture Theatres where the Messy Massey Alchemists will cause explosions, set off rockets and turn lead into gold.

The university will celebrate its refreshed BA programme with a specially-constructed graffiti wall where everyone can contribute to the overall artwork. Or you can try your hand at mixing music at the mobile DJ booth set up to introduce the College of Creative Arts' new Bachelor of Commercial Music in Wellington.

Those interested in the latest technology can tour Massey's engineering facilities – see 3D printers in action, try on a pair of 3D goggles and learn about robotics.

There will be free food and entertainment throughout the day and opportunities to learn about student clubs and support programmes, including for Māori and Pasifika students.

Wellington Open Day – Friday August 28

At Wellington take advantage of the suite of programmes offered on campus by the College of Health.

Health Science as well as Sport and Exercise Science practitioners will hold presentations offering information about subjects ranging from community and environmental health to understanding human physiology and benefits from studying a career in sport and exercise science.

The College's School of Nursing, which has continuously offered nursing education for more than 40 years, is also holding a presentation and tours of its nursing suite.

The College of Creative Arts, its new School of Music and Creative Media Production may still be in its first year but there has been strong interest in its programmes. The school was established in response to the huge growth in music and creative media industries around the world, and New Zealand's reputation for creativity and innovation in this field.

There are two new three-year practice-based degrees in commercial music and creative media production. For the Bachelor of Commercial Music the school will hold auditions after the Open Day programme has concluded for students interested in majoring in Music Practice.

There will also be lectures in theatre, creative writing, media, journalism and public relations offered by the School of English and Media Studies and the School of Communication, Journalism and Marketing.

Prospective students with an interest in the sciences should head to the outside marquee, which will be a hub of information about different science programmes, offered at the Auckland and Manawātū campuses.

But don't forget to enjoy the range of live music, free food and myriad other activities happening on the day throughout the campus.

Click [here](#) to register and for more details about Open Days in August at Massey University's Manawātū, Auckland and Wellington campuses.

Date: 03/08/2015

Type: University News

Categories: Home Page article; Auckland; College of Business; College of Creative Arts; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences; Open day Auckland; Open day Palmerston North; Open day Wellington; Palmerston North; Wellington

Tree Mount design stands tall at Dyson Awards



Industrial design graduate Jason Khoo (far left) with his full-sized Tree Mount design, which won the 2015 New Zealand James Dyson Award. He is pictured with fellow finalists Philip Leyton and Emma Warren.

A pre-built foundation for back yard tree houses has won a School of Design graduate, Jason Khoo, the top prize in the New Zealand section of the 15th James Dyson Award.

The global product design competition celebrates, encourages and inspires the next generation of design engineers.

Mr Khoo's design for a tree house that can be easily mounted without having to use traditional building methods was awarded the top prize ahead of two other finalists - also graduates of the school, which is part of Massey's College of Creative Arts.

Head judge, Mike Jensen, says the decision was unanimous to award Mr Khoo the \$5200 prize for a design that challenged current culture by encouraging more outdoor play and adventure for children.

"In a current environment where we have so much digital distraction, this is a welcome break for parents and kids."

Other finalists were fellow industrial design graduates Emma Warren, who designed sustainable woolly shoes without using glue, and Philip Leyton, who designed a modified protective bike helmet.

Mr Khoo's design, called Tree Mount, eliminates the need for a permanent attachment when building a tree house allowing it to be relocated. The bracket mount is supplied, while families can create their own designs and source tree house materials.

"I spent my childhood riding bikes and climbing trees," Mr Khoo, 24, says. "Now society is too busy and technology is limiting self-time. I hope Tree Mount will counter this by giving people a purpose for taking time out to enjoy nature, use their creative minds and build something with their hands."

I'm really interested in how design can utilise new technologies for products that can be used in nature, while still retaining a level of craftsmanship."

While Mr Khoo has created a full sized model, Tree Mount is at concept stage only and has not yet been commercialised.

His design and two runner-up product entries will be eligible in November for the international James Dyson Award worth \$67,000 plus another \$11,000 for the winning designer's university.

Head of Massey's School of Design, Rodney Adank, says the fact all three finalists are design graduates from the College of Creative Arts is further evidence of the quality and relevance of the university's programmes.

"These three graduates display a breadth of talent, creative thinking and ability to transform ideas into new and innovative realities. In their process they test and interrogate designs, materials and ideas. And in consequence they provide a safer, more sustainable and playful world that enhances the quality of our daily lives. We are immensely proud of their achievements!"

Date: 04/08/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington



The world needs more, not fewer people with university degrees, says Associate Professor Richard Shaw

Opinion: Thinking skills needed as much as trades training

by Richard Shaw

Industry Training Federation chief executive Josh Williams is right when he said (in last week's DomPost) that training organisations are critical to “delivering skills for industry”. He is not right at all when he infers that “delivering skills for industry” does not require funding for our universities' degrees.

The problem lies in the assumptions behind Mr Williams' use of the word “skill”. It goes without saying – or should do – that ITOs (Industry Training Organisations), polytechnics and other providers who teach occupational skills are central to the supply of the sorts of labour many employers demand. It should also go without saying – but currently does not – that universities are equally central to providing graduates with the sorts of skills required in the present and future economy.

University of California economics professor Enrico Moretti's book *The New Geography of Jobs* graphically demonstrates the transition the American economy has made from one in which value stems from the production of physical goods to one in which value is a function of innovation – the application of human ingenuity and imagination.

To become that sort of economy in New Zealand we need to value and prioritise the sorts of the skills students learn when they undertake, say, a Bachelor of Arts (BA). It teaches how to think critically and analytically, how to work and communicate across cultures, how to bring different types of knowledge to bear on a gnarly problem, how to work with others and so on. Call them attributes, traits, qualities or whatever you want, but these transferable skills are crucial because they apply across time (they're relevant to employment both now and in the future) and space (they're in demand from employers both here and over there).

Indeed, Massey University has recently undertaken research with employers, which demonstrates just how important these transferable skills are today. Employers we have spoken to tell us that they value the

intellectual agility associated with the BA and other university degrees because they need more, and not fewer, people able to navigate their way around the complex, rapidly changing, international environments in which businesses operate and, hopefully, flourish. In short, the evidence both home and away is very clear – the world needs more, not fewer people with university degrees.

The evidence is equally clear that we need more people with the kinds of skills Mr Williams advocates. But it is unhelpful to set this up as either one or the other, and disrespectful to infer that while graduates from ITOs “pay tax”, those from universities simply “draw down loans and allowances” (when of course they also pay tax – and more of it than they would have without a degree – and pay back their own loans). In this respect Mr Williams' comments demonstrate the very thing that's needed, and which university degrees provide: open-mindedness, imagination and the capacity to walk around an issue and see it from different points of view.

One final point in support of the case for a university education. We know that today's young people will not have a single career. Instead, they will have at least five or six different jobs, some of which do not yet even exist. It would be pointless – and shortsighted – to train everyone to do a trade that presently exists. Rather, we need a significant chunk of our working population to have the sorts of intellectual, process and social skills required to navigate their way through a labour market that changes rapidly and in unexpected directions. In this respect, degrees do everyone a favour.

Associate Professor Richard Shaw is the head of the Politics programme at Massey University's College of Humanities and Social Sciences.

Date: 04/08/2015

Type: Features

Categories: Applied Learning; College of Humanities & Social Sciences; Explore - Planning; Feature; Opinion Piece

Students fast-track study skills through recruitment initiative



Thirty-one pupils from Freyberg High School, Feilding High School and Wanganui City College took part in the study skills day at Massey's Manawātū campus last week

Top year-11 secondary school pupils were at the Massey University Manawatu campus last week fine-tuning their study skills at a series of workshops.

The event, previously trialled at the Auckland campus, was in response to demand from schools wanting practical knowledge that helps pupils study for National Certificate of Educational Achievement.

Student recruitment adviser Samantha Aschebrock teamed up with the University's Centre for Teaching and Learning to create the format and key messages.

"I realised in my numerous conversations with career advisers and school staff, that there is a huge demand for initiatives like this, that can further enhance the skills and add real value for the students who participate," Mrs Aschebrock says.

Workshops covered exam preparation, academic writing, learning style self-discovery and harnessing multiple intelligences. The event included a tour of the campus.

Sonny Liuvaie, part of the Centre for Teaching and Learning team that presented to the group, welcomed the opportunity to engage with future students in his exam preparation workshop.

"The focus was on learning and giving the students knowledge they can then apply to their own NCEA exams they will sit in the near future," Mr Liuvaie says. "The workshop highlighted for me the fact that we often think we are the experts but the students themselves have a lot of expertise, so my role was to provide a forum where I could share my knowledge with them, enable them to share their knowledge with their peers, and build their confidence in their approach towards exam preparation."

Arapeta Latus, from Wanganui City College, says he particularly enjoyed the workshop on study skills and seeing how things at a university function. "I find that a lot of people my age don't have a very detailed idea

on how tertiary education and just university life in general works."

Feedback has been overwhelmingly positive, Mrs Aschebrock says, and the goal for next year is to build on the programme model. "After the success of the programme, I am looking at finding ways that we can mobilise it into key schools in the region and broader priority areas. It will provide a great start to forming relationships between our team and year-11 students in schools.

"We hope this initiative will provide them with the skills needed to succeed on their critical NCEA journey before beginning their tertiary journey with us."

Date: 04/08/2015

Type: University News

Categories: Teaching

Remembering Chunuk Bair 100 years on



New Zealand wounded at the No.2 Outpost on August 7, 1915, at Gallipoli

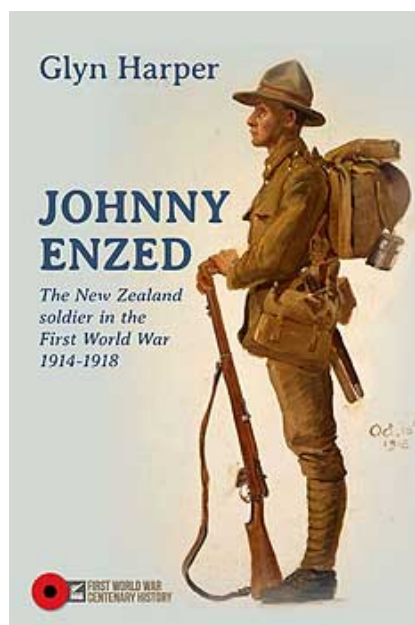
Modern and traditional forms of storytelling will evoke the First World War at a special event in Palmerston North this Friday to mark 100 years since the renowned battle of Chunuk Bair – one of the most significant events in the Gallipoli campaign for New Zealand.

Awapuni Racecourse, where New Zealand Medical Corps were trained for service during WWI, is the location for the Commemoration of the Centenary of the Battle of Chunuk Bair. The event is being hosted by Massey University, Palmerston North City Council, New Zealand Defence Force, and the World War One Centenary History Project.

Highlights include: a lecture by a visiting Australian military historian; a visual-sensory installation by a Massey University School of Design performance artist, and the launch of a new book *Johnny Enzed: the New Zealand soldier in the First World War 1914-1918* (Exisle Publishing), based on soldiers' wartime letters and diaries.

'Blackest day' at Chunuk Bair for New Zealand troops

Chunuk Bair was part of the vital heights on the ranges above the coast and a significant objective of the August offensive at Gallipoli against Ottoman defenders in Turkey during the First World War. The name 'Chunuk Bair' is synonymous with the tragedy of the Gallipoli campaign for many New Zealanders, and with the bravery of Anzac soldiers who fought and lost their lives there.



Cover of Johnny Enzed

New Zealand Mounted Rifles and the New Zealand Infantry Brigade occupied the heights of Chunuk Bair between 7 and 10 August 1915, but were overwhelmed by Turkish troops. Thousands on both sides were killed or wounded in the 'August offensive'.

Massey University's professor of war studies Professor Glyn Harper says the Friday event commemorates a pivotal battle of the Gallipoli campaign for New Zealand.

"Unlike the landing of 25 April, New Zealand had a key role in the August offensive and the capture of Chunuk Bair was regarded by the senior generals as the possible turning point in the campaign," he says.

"The New Zealand historian Fred Waite was more realistic though. He called 8 August, 1915 New Zealand's 'blackest day on the Peninsula' and that while part of Chunuk Bair had been captured, 'many of the finest men of the Dominion lay dead upon the crest', as he put it."

Remembering Chunuk Bair 100 years on | Massey University



Watch the full lecture on YouTube

Stories from Australian military memorabilia

Special guest at the event is Dr Peter Pedersen, one of Australia's leading military historians, curator and former head of the Research Centre at the Australian War Memorial. In his talk: *Anzac treasures: Gallipoli collections at the Australian War Memorial and across the Tasman*, he will elaborate on the priceless objects such as personal memorabilia, photographs, diaries, documents and works of art held in the Australian War Memorial's Collection.

Many of these items belonged to the soldiers themselves, or were assembled by Charles Bean, the official historian of the war and founder of the Memorial, who was with the men throughout the campaign.

A graduate of the Royal Military College, Duntroon, the Australian Command and Staff College, and the University of New South Wales, Dr Pedersen commanded the 5th/7th Battalion in the Royal Australian Regiment. He has guided former prime ministers over the Gallipoli battlefields, and has led many tours to the Western Front and other battlefields in Europe and Asia. He is the author of eight books on the First World War and is currently consultant historian for the Australian government's commemorative projects on the Australian battlefields of the Western Front.

Emotional connection to war through music and art

Taking a contemporary storytelling approach, Euan Robertson's multi-sensory performance piece, titled *Rain, a hot meal and a tot of rum: a New Zealand soldier's Great War narrative*, memorialises the New Zealand soldiers who fought during the Great War.

His multi projection and sensory performance piece evokes the everyday lives of New Zealand soldiers during wartime, and deploys bagpipe music, soldiers' quotes and historical imagery. The audience is

encouraged to participate by interrupting the projections to become part of the performance and reconfigure the visual narrative and meaning, he says.

Significant battles and other aspects of a soldier's experiences – enlistment, training, transportation, hospitalisation and life in the trenches from Gallipoli, the Middle East to the Western Front campaigns – are accompanied by excerpts from soldier's personal diaries and letters to juxtapose with the imagery to give context and connection for the audience.

“Research has established how emotions generated from music transcend the mere aesthetic,” says Mr Robertson, a senior lecturer in the College of Creative Arts. “Combining music and visual stimuli embeds the emotions, resulting in a memory of greater richness and cultural importance.”

Realities of soldiers' lives told in new book

Another highlight is the launch of *Johnny Enzed* book, by Professor Glyn Harper. It is based around testimonies from over 2000 letters, diaries and journal entries of New Zealand soldiers who served in the Great War.

First hand accounts expose the realities of soldiers' lives as they experienced the war. The book gives readers a direct view of what it was like for the ordinary soldier a century ago, Professor Harper says. Diverse topics such as barbed wire, the use of the bayonet, gas attacks, rats, horses, food, communal singing, infectious diseases – as well as the role of brothels and booze in escaping the hardships of the battlefields – are revealed in the poignant, personal words of the soldiers.

Professor Harper is Massey Project Manager for the Centenary History of 13 volumes of the New Zealand involvement in the First World War. His latest book is one of five produced by Massey historians.

The Chunuk Bair commemoration will also feature static displays and artefacts set up by the New Zealand Defence Force, including a stretcher and trolley from Palestine and Passchendaele, a German Bugle, a Turkish Doctors medical kit, reconstructive surgery constructs, cabinets and other items.

Professor Harper says it is “very appropriate” that Awapauni, Palmerston North is the venue for this event.

Date: 05/08/2015

Type: University News

Categories: Home Page article; Book; College of Humanities & Social Sciences; Exhibition/Show; Explore - Defence and Security; Feature; Palmerston North; Uni News; Video Multimedia



Roger Hooi of Dean Foods, USA (Donor for the Award) presents Professor Harjinder Singh with his award.

Professor Harjinder Singh brings home dairy award

Massey University's Distinguished Professor Harjinder Singh, who leads the Massey Institute of Food Science and Technology for the College of Health, has been awarded the 2015 International Dairy Foods Association Research Award in Dairy Foods Processing. The award was presented on the 14th of July at the ADSA annual meeting in Florida.

Professor Singh is the first recipient from outside North America to receive this honour. It is his third major award from leading dairy bodies in the United States.

The award was created by ADSA to recognise individuals whose research findings have allowed dairy food processors to develop new products and make a significant improvement in the quality, safety or processing efficiency of dairy foods.

A reputation for food science

Professor Paul Moughan says Professor Singh has a world-wide reputation for his contribution to food science and technology.

"This award recognises his contribution to the dairy industry. And, it also reinforces the Riddet Institute's, Massey University's and New Zealand's roles as leaders in dairy science and technology."

Massey University Vice-Chancellor Steve Maharey also congratulated Professor Singh.

"The ADSA award is in recognition of Professor Singh's work during the past quarter of a century. It further demonstrates the ability of the Riddet Institute and Massey University to generate value for the international dairy sector," he says.

Pro Vice-Chancellor of the College of Health at Massey University, Professor Paul McDonald says Professor Singh's world-class expertise is helping to grow Massey University's and the Riddet Institute's reputation.

“His accomplishments make it easier for our institutions to attract talented academic staff, PhD students and tertiary students. We are privileged to have Professor Singh here at Massey leading the way in creating nutritious foods for the future. He and his team are taking the lead to solve the big food and nutrition challenges facing the globe.”

Tackling the big challenges

Professor Singh says it was an honour to receive the award.

“This recognition reflects our innovative and sustained dairy foods research activities at Massey during the last 25 years. Our programmes are characterised by excellent science combined with relevance to industry needs.

“Food Science is one of the most exciting scientific fields to work in. We have so many challenges ahead of us from sustainability through to obesity, growing nutritional demands and an ever growing world population. I hope my achievements will inspire young people from throughout New Zealand to consider Food Science and Technology as a career option,” he says.

Professor Singh is also the Head of the School of Food and Nutrition at Massey University's College of Health. He holds a Fonterra Chair in Dairy Science and Technology at Massey University and he is a Board member of FoodHQ.

Date: 05/08/2015

Type: Awards and Appointments

Categories: Home Page article; College of Health; College of Sciences; Explore - Agriculture/Horticulture

Women's Leadership Programme open for applications

The Massey University Women's Leadership Programme is designed to encourage and promote leadership qualities in academic and non-academic staff.

It is also a prerequisite for staff wishing to apply to the New Zealand Women in Leadership Programme.

A maximum of 25 participants can attend the programme. Staff can make application or managers may nominate a participant.

Applications and nominations must initially be made to the relevant Senior Leadership Team member area. Nominations must be accepted by the prospective participant and applications must be endorsed by the staff member's manager.

Closing date for applications is August 28 and a University panel will make the final selection.

For [more information and application forms](#).

Date: 05/08/2015

Type: Internal Communication

Categories: Any



Double honours for veterinary professor

Professor Peter Wilson has been awarded the Deer Farmers Association's Premier Industry Award as well as life membership of the New Zealand Veterinary Association.

Professor Wilson, from Massey University's Institute of Veterinary, Animal and Biomedical Sciences, specialises in deer nutrition, reproduction, welfare, disease and epidemiology, as well as health and herd profiling of farmed deer and, more recently, mixed species farming.

He received the industry award for his outstanding contribution over 40 years. In its citation, the Deer Farmers Association described him as a prolific researcher and author as well someone who has engaged with industry and the community. "Peter Wilson stands tall in the history of the development and evolution of the farmed New Zealand deer industry, clearly in the advancement of deer health programmes, but equally in a whole farm system view based around productivity improvement, and systems analysis."

Professor Wilson also has a long history of involvement with the Veterinary Association. He set up its deer branch more than 30 years ago and chaired it for 20 years. The association is the only membership association representing New Zealand veterinarians. It has more than 2000 members and just seven current life members including Professor Wilson. It says he has "done an exemplary job of leading the deer branch with vision, flair and wisdom".

He says he is humbled to receive the honours. "It has been an exciting and challenging industry to be part of, but most satisfying is the privilege of working with outstanding colleagues, students and industry people who have contributed so much to my career, so this award recognises their contribution as much as mine."

Date: 06/08/2015

Type: Awards and Appointments

Categories: Home Page article; Agricultural Experiment Station; Awards and appointments; College of



World-leading welfare scientist honoured

One of the world's leading animal welfare scientists, Massey University's Professor David Mellor, has been awarded the Universities Federation for Animal Welfare medal – making him one of only nine scientists in the world to receive the award.

Professor Mellor, from the Institute of Veterinary, Animal and Biomedical Sciences, received the award this year along with Professor Georgia Mason from the University of Guelph, Canada. The medal recognises the exceptional achievements of an individual scientist who has made fundamental contributions to the advancement of animal welfare science over a number of years.

His contributions to animal welfare cover many aspects of the science, including the welfare and development of young animals, how to assess animal welfare comprehensively and systematically, investigating negative experiences such as breathlessness, thirst, hunger and pain and studying positive emotional states in a range of animals.

Professor Mellor led the development and subsequent refinement of the Five Domains model of animal welfare – a model that covers all aspects of animal welfare including nutrition, environment, health, behaviour and the animal's mental state, both negative and positive. It has recently been adopted as a key element of the Zoo and Aquarium Animal Welfare strategies across the world.

He has been an adviser for the New Zealand Department of Conservation and the Ministry of Agriculture, the United Kingdom Home Office, the World Society for the Protection of Animals and the World Organisation for Animal Health, to name a few.

He was the foundation director of the Animal Welfare Science and Bioethics Centre, which he established in 1998. The centre, now co-directed by Massey University Professors Craig Johnson and Kevin Stafford, is a collaborating centre of the World Organisation for Animal Health (OIE). It brings together individuals from across the university, and outside, to work in multidisciplinary teams on particular welfare-related projects.

Professor Mellor says he is “touched and deeply honoured to receive this award from such an august organisation”.

He says his passion for animals began at age 13, when he spent a year on his uncle's farm in South Australia. After 27 years researching and teaching at Massey University, he says the science and its application are both “wonderful and rewarding”.

Dr Judy MacArthur-Clark, a long-standing friend and colleague who nominated Professor Mellor, says: “He is one of the most influential animal welfare scientists over the last four decades.”

“After almost 50 years of active research and scholarship, David continues to be fully engaged in developing fresh conceptual frameworks for animal welfare science. His approach is typified by his passion for interdisciplinary integration of diverse observations, past and present, with the aim of reshaping contemporary thinking in ways designed to enhance the future practical management of animal welfare.”

Some of the other honours Professor Mellor has received include being ranked in the top 5 per cent of all New Zealand University researchers in 2004, 2007 and 2014, being made an Honorary Associate of the Royal College of Veterinary Surgeons in 2005, appointed an Officer of the New Zealand Order of Merit in 2007, and receiving the National Three R's Award for animal welfare in 2014.

The Universities Federation for Animal Welfare is an independent registered charity that works to develop and promote improvements in the welfare of all animals through scientific and educational activity worldwide.

Date: 07/08/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Sciences; Palmerston North; School of Veterinary Science



Last year's winner of the Te Haurongo me Te Hītori category – Biography and History: *Te Paruhi a ngā Takuta* – Nigel Beckford and Mike Fitzsimons.

Māori Book Award finalists announced

The shortlist of New Zealand's top Māori books for 2014 has been announced ahead of this year's Massey University Ngā Kupu Ora Aotearoa Māori Book Awards.

The 15 books cover a wide variety of topics from a biography of renowned politician Parekura Horomia (*Kia ora Chief!*) to a book on Māori root vegetables (*Rauwaru, The Proverbial Garden*).

The finalist list is split over six categories and features histories on Māori farming, Māori in Nelson and Marlborough and urban migration. There are three illustrated books on Māori art along with a book documenting the country's whareniui or meeting houses and two books of poetry.

Massey University Māori language lecturer and judge Dr Darryn Joseph says he was pleased to see that at least one of the three finalists in the Te Reo Māori section, *Ka hoki tāua ki te whare huri ai ē!* is completely in Māori, while another finalist has half its articles in te reo.

“This gives weight to the notion of Māori as a living language not just an official one.”

Now in its seventh year, Assistant Vice Chancellor Dr Selwyn Katene says Massey University's commitment to Ngā Kupu Ora Aotearoa Māori Book Awards is an indication of the importance of Māori literature.

“When you look at the depth of this year's entries and the important issues they discuss, you can see why we need to nurture Māori writers”, he says.

Another judge, Massey University Library Kaihautū Māori (Māori Services Manager) Sheeanda Field, says it's vital we encourage Māori authors.

“It's Māori writing about Māori, in a Māori way and with a Māori voice, that's really important.”

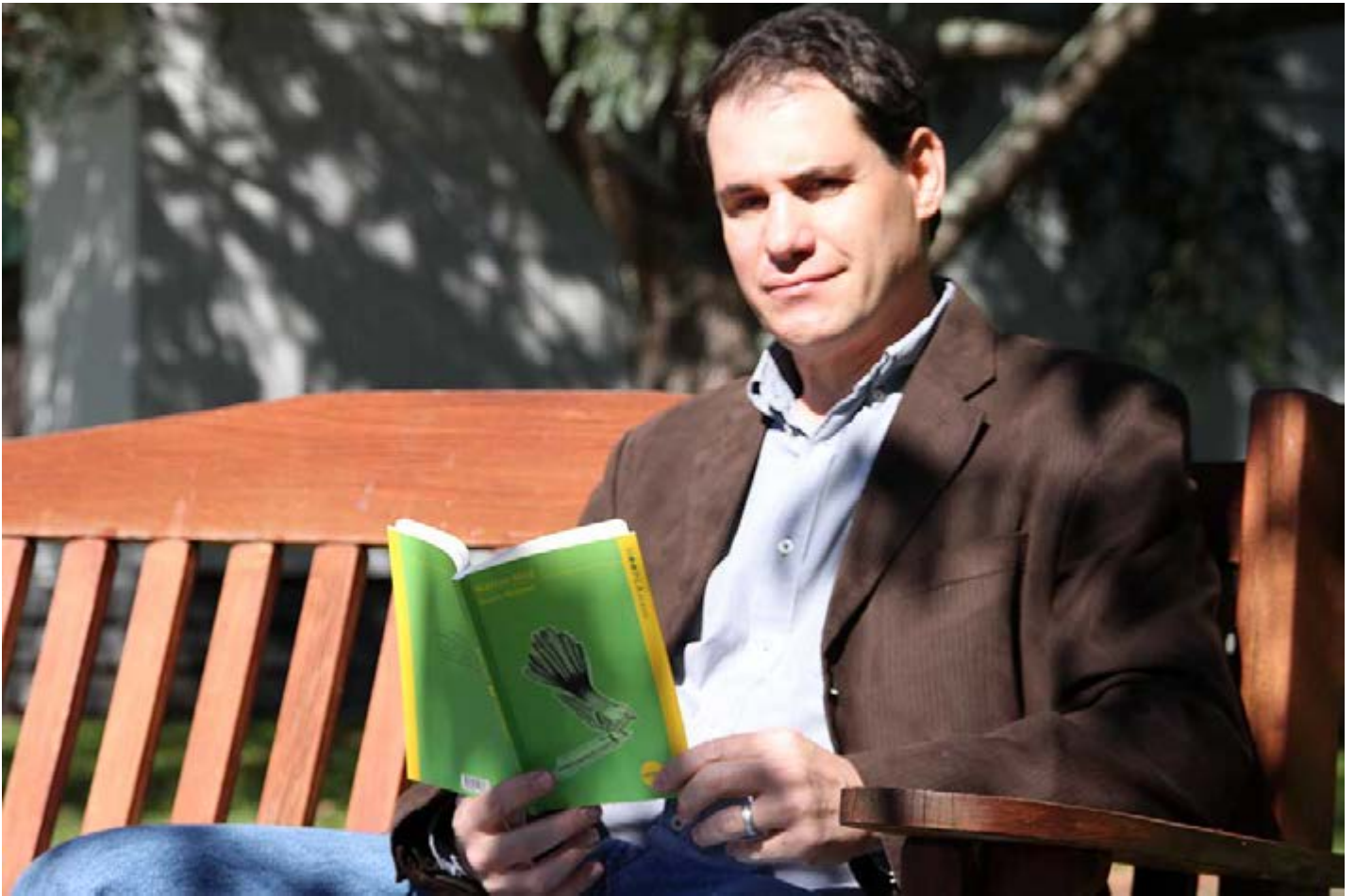
Winners of the six categories will be announced at a ceremony at Te Papa in Wellington on September 10.

To view the full list of finalists click [here](#).

Date: 07/08/2015

Type: Awards and Appointments

Categories: Home Page article; Maori



Associate Professor Bryan Walpert has made the Montreal International Poetry Prize long list three times, and been shortlisted once.

Massey poets in running for Montreal prize

Two Massey University poets from the School of English and Media Studies are the only New Zealand entries selected for the long list of the prestigious C\$20,000 (NZ \$21,500) Montreal International Poetry Prize.

Poems by creative writing Associate Professor Bryan Walpert, based at the Manawatū campus, and Auckland-based creative writing PhD candidate and teacher Johanna Emeny were chosen for the 70-poem long list from some 2,000 entered from countries around the world.

Dr Walpert and Ms Emeny were long-listed for their poems *Smoke* and *There will be no horses here*, respectively.

Dr Walpert has made the long list in all three competitions of the biennial event. In 2013 he also made the shortlist of 50 for his poem *Aubade*.

Medicine and poetry connections

Ms Emeny completed her PhD last month on medical language and themes in poetry, and hopes to publish a collection of poems, titled *Family History* – about her mother – written as part of her doctoral thesis, for which Dr Walpert was her primary supervisor. Dr Jack Ross, who teaches creative writing at Massey's Auckland campus and is managing editor of Poetry New Zealand, was her co-supervisor.



Poet and PhD candidate Jo Emeny

This year's Montreal Prize judge is Irish poet, Eavan Boland, one of Ms Emeny's favourite poets. "Having taught the poetry of Eavan Boland to many classes of sixth form students in the UK, I get to experience the

fantastic feeling of knowing that she's holding my poem in her hands and reading it. That's crazy!"

Avian theme a poet's platform

Both poets have had other recent successes. Dr Walpert this year published his book of poetry and prose poems; *Native Bird* (Makaro Press), which made it to the Nielsen Weekly Booksellers list for New Zealand fiction.

The US-born writer's third poetry collection uses his interest in birds – and the language that describes them – as a lens for his observations and insights as a new migrant. The collection has been well received by reviewers, including the Listener, and Dr Walpert has been invited to read from the work later this year at events in Christchurch, Wellington, and Melbourne.

Ms Emeney was commended this year in the UK-based Hippocrates Prize for Poetry and Medicine, with a poem from her PhD called *And then it spreads*. She was runner-up in 2011 for the prize, which attracted around 1,500 entries from 23 different countries across the globe, with professional and amateur poets submitting pieces on a medical theme. In the same year, she published her first poetry collection *Apple & Tree* (Cape Catley).

She is currently working with the Young Writers Programme, an outreach programme of the Michael King Writers' Centre on Auckland's North Shore. Her PhD topic has resulted in invitations to talk to trainee doctors at the University of Auckland's Medical School, to give “a greater insight into the position of both doctor and patient”.

The Montreal Prize publishes the top 50 poems of each competition in its Global Poetry Anthology Series with Vehicule Press. Its website says the competition is; “committed to encouraging the creation of original works of poetry, to building cross-national readership and to exploring the world's Englishes”.

The shortlist will be announced later this month, and the winner announced in September.

“It's an honour to make the long list again,” Dr Walpert says. “And what a pleasure to see Jo's work there, as well.”

Check the website for the Montreal International Poetry Prize [here](#) to read the long listed poems. Three poems each week are being published throughout the competition.

Massey University's Master of Creative Writing is now open for enrolments for 2016. A new undergraduate major in Creative Writing in the Bachelor of Arts will be available from next year.

Date: 10/08/2015

Type: University News

Categories: Awards and appointments; College of Humanities & Social Sciences; Creative Arts; International; Uni News



Clinical psychology doctoral candidate Nicole Cameron is researching the social needs of young people with cancer

Study explores social needs of youth with cancer

A Massey University researcher is exploring social interactions and comments that can help or hinder adolescents and young adults dealing with cancer.

Clinical psychology doctoral candidate Nicole Cameron has experienced what it's like when people say the wrong thing, or don't know what to say at all when they are talking to a young person with cancer. She was diagnosed with cancer in her teens, and has since made a full recovery.

Adolescence and youth can be tricky enough with normal developmental changes to contend with, she says. Add in the uncertainty, fear and loneliness of coping with a cancer diagnosis – including such things as the physical impact of chemotherapy on a young person's emerging identity and self-esteem – and youth can be extremely hard to navigate.

“There's so much going on in these years – you're focused on growing up, finding your identity, sorting your education goals, independence, relationships. And there are huge physical changes. Cancer interferes with all of that,” says Ms Cameron, who is based in the School of Psychology, at the Manawatū campus.

“Social support is an essential part of a person's experience with cancer. But social support can be both positive and negative, and unfortunately the latter can be detrimental to a person's physical and psychological health,” she says.

She recalls being approached by students at school that she hadn't met, who asked if she had cancer or if she was wearing a wig. “There were also many personal questions asked by peers and adults alike, who didn't realise they were coming across as intrusive or inappropriate,” she says. “The right to privacy is somewhat challenged when a person is diagnosed with cancer, but this doesn't mean that the individual feels like sharing all of the details of their personal journey.”

For her study she wants to hear from people aged 16 to 25 years who have, or have had, cancer (preferably within the past three years), who have finished treatment, and who would like to share their positive and

negative experiences communicating with others. The study involves three parts – the first involving an interview, the second a card-sort task, and the third an online questionnaire. Participants can choose if they would like to be involved in all three studies, or just one.

By finding out more about the communication experiences, needs and sensitivities of young people, she hopes to ultimately produce information that will help families, friends and health agencies provide the right kinds of support for young people they know with cancer.

Some participants will be identified through CanTeen, which has endorsed the study and has offered to help recruit participants. However, while many young people with cancer gain invaluable support through CanTeen, she says not everybody is connected to the organisation. She would like to hear from a wider selection of young people who currently have, or have experienced, cancer.

On average 160 adolescents and young adults aged 15-24 are diagnosed with cancer each year. The most common cancers for this age group are lymphomas, leukaemias, carcinomas, bone tumours, melanoma and germ cell tumours.

Ms Cameron is the recipient of a Cancer Society Central Districts Division Scholarship, which will fund her attendance to the Inaugural Adolescent and Young Adult Summit and Congress in Sydney this December.

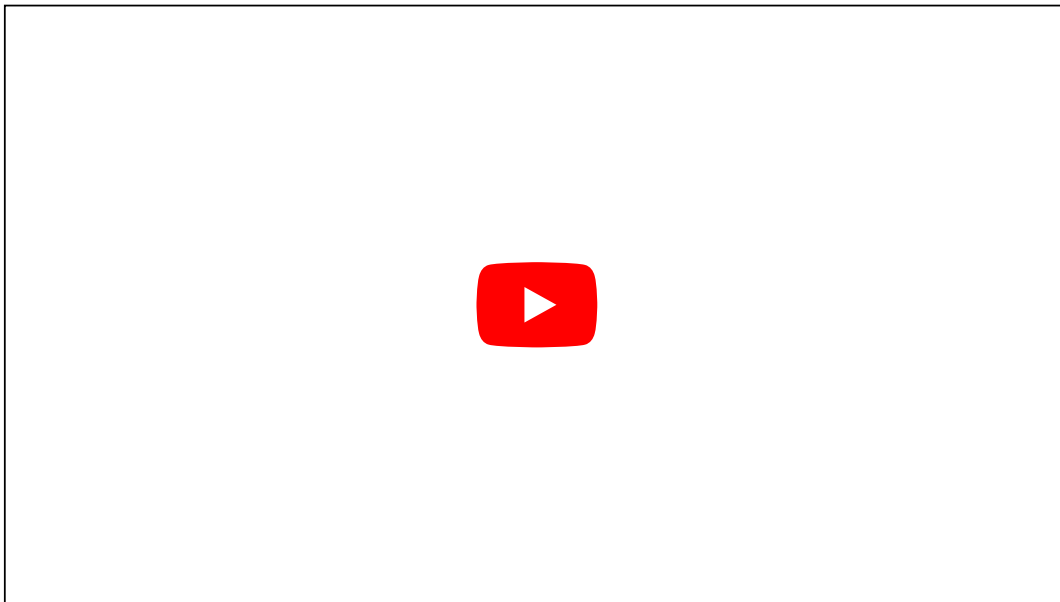
For more information about the study contact: nicolecameronresearch@hotmail.com

Date: 10/08/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Explore - HEALTH; Research; School of Psychology

Foundation income from staff donations triples



Watch the video.

The number of staff contributing to the Massey University Foundation nearly doubled as a result of a recent campaign. And the University's decision to match staff donations dollar-for-dollar means the foundation's income from staff donations has more than tripled as a result.

The "direct from salary giving" campaign, retitled "Do Something Good", was launched in June with the objective of increasing the number of staff who donate to the foundation – a stand-alone registered charity – from 46 to 100. Since then 32 staff have signed up, taking total annual donations from just under \$25,000 a year to just over \$38,500, meaning \$77,000 with the University's match funding.

The foundation has a variety of funds that donors may support, including the Heritage Fund, the Library Future Fund, the Vet Teaching Hospital, Wildbase and various scholarships and trusts. Alternatively, gifts may be unrestricted. [For more information on its activities and objectives, including how to donate.](#)

Date: 11/08/2015

Type: Internal Communication

Categories: Any



Joint Centre for Disaster Research director Dr David Johnston and partnership hub colleagues were joined by Christchurch Mayor Lianne Dalziel (centre) and Wellington Mayor Celia Wade-Brown for the official opening of the new Disaster Hub, located in low-rise earthquake resistant buildings on the Wellington campus.

Disaster Hub opens on Wellington campus

A one-stop shop for disaster risk reduction and emergency management has been officially opened on Massey University's Wellington campus.

The Disaster Hub, launched by the Joint Centre for Disaster Research, provides a facility for collaboration between staff of all public and private organisations, universities, and training entities with an interest in emergency management.

Guests at the launch included Wellington Mayor Celia Wade-Brown and her Christchurch counterpart Lianne Dalziel.

Centre director Dr David Johnston says the Disaster Hub is founded on 25 years of emergency management teaching and research at Massey University, and almost 10 years of a collaborative partnership with GNS Science.

The hub is housed in low-rise, earthquake resistant buildings on the campus covering about 500 square metres. It includes facilities for administration, teaching and research staff, PhD and post-doctoral students as well as staff from partner organisations.

Hub partners include Wellington Regional Emergency Management Office, Integrated Research on Disaster Risk – International Centre of Excellence, EQC and the New Zealand Red Cross.

“The new Disaster Hub represents a strategic step forward to ensure that current and future disaster risk management partner organisations have a shared space to work together, connecting practice to research and research to practice,” Dr Johnston says.

The launch was preceded by a presentation from Professor Lisa Brown of Palo Alto University, California, on "*Educating and preparing the public for disasters: A new model for disaster literacy*".

The Disaster Hub includes an Emergency Operations Centre (EOC) that is used for response coordination training and research. It also acts as the coordination centre for responses to emergencies that may affect the university campus. The EOC has its own back-up power generation and satellite telecommunications systems to ensure it can operate self-sufficiently in most emergency situations.

The Joint Centre for Disaster Research had a lead role in coordinating the presence of five New Zealand universities' at the World Conference on Disaster Risk Reduction, in Sendai, Japan, in March this year.

Dr Johnston says the joint approach ensured that the expertise of New Zealand disaster risk and emergency managers was at the forefront of all conference sessions relevant to New Zealand and programmes taught there and in the Pacific.

Background

The Joint Centre for Disaster Research is a joint venture between Massey University's Emergency Management teaching and research programme and GNS Science. It is based at the Wellington campus of Massey University.

The Centre undertakes multi-disciplinary applied teaching and research aimed at:

- gaining a better understanding of the impacts of natural, man-made and environmental disasters on communities
- improving the way society manages natural, man-made and environmental risk
- enhancing community preparedness, response and recovery from the consequences of natural, man-made and environmental hazard.

The Joint Centre for Disaster Research is a section of the School of Psychology, in the College of Humanities and Social Sciences of Massey University.

Date: 11/08/2015

Type: Research

Categories: Home Page article; Joint Centre for Disaster Research; Research - Health and Wellbeing; School of Psychology; Wellington



Palmerston North Mayor Grant Smith, Massey graduate Bridget O'Brien and Toyota New Zealand business development planning team leader Tom Quelch.

Manawatū business internships programme launched for next year

The 2016 Internship in Business programme was officially launched on Thursday night at a networking function held at the Hotel Coachman in Palmerston North.

Next year will be the seventh year of the programme that sees undergraduate students put into local business to put theory into practice. Their 180 hours in the business runs alongside a series of More than 100 students and business people attended the event that was sponsored by the paper's principal sponsor, Toyota New Zealand. Palmerston North City Mayor Grant Smith was guest speaker and he emphasised the need to give students opportunities in the city so that we may retain them as graduates. Mr Smith also spoke of the work the council is doing with Massey University on a range of projects such as UniverCity and Student City.

Tom Quelch from Toyota New Zealand spoke to the business people about the benefits of having bright young minds, with new ideas and a range of skills; and to the students about developing skills that employers look for on a curriculum vitae.

Bridget O'Brien spoke of her journey from being an intern in this year's Business Group to working at Destination Manawatu for eight months and now as a human resources assistant at the New Zealand Transport Agency authority.

The businesses hosting the 26 interns this year are Arohanui Hospice, Asteron, Awapuni Racing, Blacksheepdesign, Central Primary Health Organisation, Coachman, Colman, Destination Manawatu,

DKSH, Emmetts Trucks, Highden Manor, Horizons, MASH Trust, McIntosh Cranes, My Plumbing Depot, Norwoods, Photographic Solutions, Property Brokers, RightWay, SeeMe Media, The Business Group, Toyota NZ, Watson Property, Word Salad.

The Internship in Business Programme is a collaboration between the Massey Business School and the Massey Careers Service. It may be expanded to include more student placements next year.

Date: 11/08/2015

Type: University News

Categories: College of Business



Winners (from: the MASTANGS team from the National Contact Centre (MN), Alesana Ale (WLG), and the Library (MN)).

Pink Shirt Day winners

Winners of the Pink Shirt Day contest received special treats for a morning tea recently.

Winners were thanked for their participation in the Pink Shirt Day "selfie" contest, and commended on their demonstrated commitment to promoting positive working environments at Massey University.

Of all the pictures submitted to the contest, the winners represented two groups and one individual who clearly portrayed engagement with the day and the importance message it promotes.

Massey University was proud to sponsor Pink Shirt Day activities, including stalls on all three campuses with Pink Shirt Day reading materials, T-shirts, wristbands, and stickers.

At the Manawatū campus, a lunchtime talk was held with Assistant Vice-Chancellor People and Organisational Development Alan Davis and Tertiary Education Union organiser Heather Warren. The talk highlighted the work the Pay and Employment Equity Implementation Group has done to promote positive working environments at Massey, including addressing many of the recommendations from the PaEE report.

Date: 11/08/2015

Type: Internal Communication

Categories: Any

Online anthology explores Pukeahu/Mt Cook in Wellington



Members of the Pukeahu project research team alongside a Tasman St brick wall featuring historical indentations made by prisoners arrested at Parihaka in 1881 and interred at Mt Cook, an experience recounted in the online anthology. Front to back; Rosie Percival, Lynn Davidson, Ingrid Horrocks, Lena Fransham and Thomas Aitken.

A collaboration between staff and students from colleges across Massey University's Wellington campus has led to the launch of an online anthology exploring its location in the suburb of Mt Cook.

Pukeahu is the name given by Ngāi Tara to the hill in Wellington that rises between the Waitangi and Waimapihi streams. Since the mid 19th century it has also at various times been the location of a prison where men from Parihaka and later conscientious objectors during World War I were confined, an early police station, an army barracks, the Dominion Museum and National Art Gallery, the National War Memorial, Wellington High School, Wellington Polytechnic and after its merger, Massey University.

More recently it has become the site of the new Pukeahu National War Memorial Park, opened on the centennial Anzac Day 2015.

All of that history, the area's topography and the inhabitants stories are part of *Pukeahu: An Exploratory Anthology*, which includes work from staff and students from the College of Creative Arts and College of Humanities and Social Sciences.

Senior lecturer Dr Ingrid Horrocks, who teaches a third year creative non-fiction paper, says the anthology also mines the work of some of New Zealand's most renowned writers such as Katherine Mansfield, Robin Hyde and Witi Ihimaera.

“By assembling a collection of voices and stories we wanted to evoke a sense of one particular place as mobile and living, and of the unsettled imaginaries of those who have moved through it.

This objective was realised by a Pukeahu project research team who were not just content to include extracts to form the anthology but brought the collection alive by traversing Mt Cook's steep streets and exploring its colourful history themselves.

Two creative non-fiction students Lena Fransham and Thomas Aitken, and design student Rosie Percival collaborated with Dr Horrocks and writer Lynn Davidson, then completing a creative writing PhD, to develop the final work.

The wider project, which includes an archaeological report on the site, is led by Associate Professor Robin Peace from the School of People, Environment and Planning, who was also instrumental in making connections to the area's evolution and history as well as contributing a poem to the anthology.

The online publication, which is officially launched tomorrow, is divided into sections that reflect different experiences undergone in the Pukeahu/Mt Cook environment. These include titles such as Embodied Archaeologies, Contesting Histories, Confinement and Inhabiting Pukeahu.

“We anticipate that *Pukeahu: An Exploratory Anthology* will evolve and grow as new students and new readers and writers get to explore Pukeahu/Mt Cook and find other stories, poems, art and articles to add to this opening conversation,” Ms Davidson says.

Date: 11/08/2015

Type: University News

Categories: Home Page article; Creative Arts; School of Humanities; Wellington

Massey lecturer honoured by dairy industry



L-R: Dr Kevin Marshall (patron of the Dairy Division of the NZ Institute of Food science and Technology); Rod Bennett with his award; and Dr Don Otter (president of the Dairy Division).

Massey University's School of Food and Nutrition senior lecturer Rod Bennett has been awarded the New Zealand Institute of Food Science and Technology Distinguished Service Award for the Dairy Industry.

The award was made in recognition of Rod's 19 year contribution to the Dairy Industry/Fonterra Graduate Training Programme that has seen hundreds of students awarded the Master of Dairy Science and Technology, with many going on to highly successful and illustrious careers.

Rod Bennett says it is an honour to be given the award. "I'm chuffed. I have worked with a lot of good people in my career, and it's very satisfying to see former students succeed in theirs."

More than 55 people nominated Rod for the award, including graduates and supporting personnel of the Dairy Graduate Technical Programme.

Among mention, was the value Rod added to the programme, with fellow staff and students saying he is a "highly supportive and knowledgeable figure, who can be relied on for support and guidance".

The award recognises long and exceptional service and/or contribution to a food industry sector in a scientific, technical, teaching, marketing or managerial role, and is specifically for industry personnel approaching or in retirement.

Date: 12/08/2015

Type: Awards and Appointments

World experts team up to prepare for oil spill response



A little blue penguin being washed after the Rena oil spill

Representatives from regional councils across New Zealand are now wiser when it comes to dealing with wildlife affected by oil, thanks to a training and preparation workshop run by Massey University's Wildbase oiled wildlife response team.

Representatives from regional councils across New Zealand are now wiser when it comes to dealing with wildlife affected by oil, thanks to a training and preparation workshop run by Massey University's Wildbase oiled wildlife response team.

The workshop was run in conjunction with Maritime New Zealand, Marine Pollution Response Service with a guest speaker from the University of California Davis – who Massey University has recently partnered with to develop international oiled wildlife response training.

More than 26 council members from Northland to Southland attended the two-day workshop held on the Manawatū campus this week. It included discussions about improving response planning, putting together an action plan, handling birds and dealing with all aspects of an oiled wildlife response.

Of particular note was a presentation from Dr Mike Ziccardi, director of the Oiled Wildlife Care Network run out of the veterinary school at the University of California Davis.

Lessons from the Gulf of Mexico

Dr Ziccardi provided an international perspective on marine mammal and turtle care as well as sharing what his team learned from leading the marine mammals and turtle response after the 2010 Deepwater Horizon oil spill in the Gulf of Mexico.

He said preparation before a disaster occurs is key – something he says the Massey University team are doing well.

“The planning and organisation prior to an event ultimately makes a response much more effective. Spending the time to develop the relationships and develop the systems.”

He said Massey University and University of California Davis are the only two organisations in the world to have plans in place to prepare and train people for a response.

“There are a lot of similarities between Massey's oiled wildlife response programme and the one we developed in the States. There's an evolving relationship between the universities and it's great to be able to have two strong teams working together using a science-based approach.”

Senior research officer for the Wildbase Oiled Wildlife Response Team Dr Louise Chilvers said “It's fantastic having Mike here. He's the world expert on oiled wildlife, particularly marine mammals. We're always looking to work closer with them.”

“They've recently been rated the number one veterinary school in the world and we're rated second in the southern hemisphere so it's really good for two universities to be working together and developing research lead training.”

Date: 13/08/2015

Type: University News

Categories: College of Sciences; Wildbase Oil Response; Wildlife Ward

Auckland Open Day this weekend



The Messy Massey Alchemists will cause explosions, set off rockets and turn lead into gold.

Not sure if you want to be a vet, engineer, teacher or social worker? Or whether life as a financial planner, filmmaker, or a philosopher is the right path? Then Massey University's Auckland Open Day offers plenty of inspiration.

The Auckland campus will throw its doors open to the public from 10am to 3pm on Saturday August 15 with a range of presentations, displays, food and entertainment

Find out more about Massey's diverse learning programmes, from humanities and social sciences, education and planning to health, business, communication and aviation. Aspiring scientists can explore veterinary, agriculture or life sciences as well as a suite of health programmes from nursing and nutrition to social work, and sport and exercise.

Fergus visits Auckland | Massey University



Fergus the ram, Massey's Manawatū mascot heads north for Auckland Open Day.

A 'fabulously friendly' campus

Auckland campus registrar Andrea Davies says Open Day is a fantastic way for people to try new things and ask questions about subjects they're interested in.

“It's a great experience, because we're got our awesome staff here ready and able to talk to you about what's on offer. We're a fabulously friendly campus, and our small classes mean that people really get to know their lecturers, and feel supported throughout their study.”

Along with presentations on all the key programmes Massey offers, visitors to the Auckland campus will have a chance to view its state-of-the-art facilities, including the new \$26.2 million accommodation village, which enables students to live onsite for the first time.

Visitors can also tour the theatre lab, a flexible performing arts space for expressive arts students; the fully working Trading Room, which gives finance students access to real-world equipment like Bloomberg financial terminals; and the state-of-the-art Watson Science Labs.



Get a taste of the Open Day experience by checking out the Manawatū campus event.

Science comes alive

Science will come alive with experiments and ecology displays in both the Watson Science Labs and in front of the Sir Neil Waters Lecture Theatres where the Messy Massey Alchemists will cause explosions, set off rockets and turn lead into gold.

The university will celebrate its refreshed BA programme with a specially-constructed graffiti wall where everyone can contribute to the overall artwork. Or you can try your hand at mixing music at the mobile DJ booth set up to introduce the College of Creative Arts' new Bachelor of Commercial Music in Wellington.

Those interested in the latest technology can tour Massey's engineering facilities – see 3D printers in action, try on a pair of 3D goggles and learn about robotics.

There will be free food and entertainment throughout the day and opportunities to learn about student clubs and support programmes, including for Māori and Pasifika students.

To register

To register for Open Day and to view the full programme visit: masseyopendays.ac.nz

Date: 13/08/2015

Type: University News

Categories: Home Page article

Beehive book launch for Māori scholars



*From left, Maori Development Minister Te Ururoa Flavell, Te Kāhui Amokura chairwoman Lynda Smith, Massey University Professor Emeritus Sir Mason Durie, Universities New Zealand chairwoman Harlene Hayne and New Zealand Chancellors Committee chairman John Ward at the launch of the book *Fire That Kindles Hearts: Ten Maori Scholars*.*

One of the legacy projects completed by an inter-university Māori academy, and edited by a senior Massey University Māori academic, has been unveiled at a special event at Parliament.

While the inter-University Māori Academy, Manu Ao, was dissolved four years ago, a who's who of politicians and writers gathered at the Beehive for the launch of one of its final projects, the book *Fire That Kindles Hearts: Ten Māori Scholars*.

Written by Massey's Assistant-Vice Chancellor Māori & Pasifika, Dr Selwyn Katene, it is the fourth in a series of publications celebrating and promoting Māori scholarship.

Dr Katene says *Fire that Kindles Hearts* explores the formative experiences and leadership of ten distinguished Māori academics who courageously challenged the status quo, inspired a shared vision and brought people together.

"These Maori scholars, Professors Ranginui Walker, Ngahuia Te Awekotuku, Mason Durie, Linda Tuhiwai Smith, Graham Smith, Taiarahia Black, Ngapare Hopa, Wally Penetito, Margie Maaka, and Atholl Anderson are our leaders, torchbearers and visionaries, creating a legacy from which we can all draw inspiration and strength."

The scholars were joined at the launch by other leaders in the Māori world including Ngāi Tahu Māori Trust Board chairman Sir Tipene O'Regan and political leaders such as Maori Development Minister Te Ururoa Flavell, his Māori Party co-leader Marama Fox and former Prime Minister Jim Bolger.

There was also a wide representation from chancellors and vice-chancellors from New Zealand universities, with the book launch marking the 10th anniversary of Te Kāhui Amokura, the Māori Committee of

Universities New Zealand – Te Pōkai Tara.

Date: 14/08/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Explore - HEALTH; FutureNZ - Maori; Government Policy commentators; Maori; University Council; Wellington

'Silver economy' – a silver bullet for regions?



Could the spending power of a growing ageing population and an emerging Māori economy provide a new base for economic and social prosperity in regions?

Major population changes are set to transform New Zealand, and could offer possible options for regional economic prosperity in the form of the 'silver economy' and in post-Treaty settlements.

Distinguished Professor Paul Spoonley, a sociologist and the Pro Vice-Chancellor of the College of Humanities and Social Sciences at Massey University, has been generating debate about the challenges of the future for regions.

He and his colleague Associate Professor Richard Shaw discussed the implications and possible solutions of New Zealand's fast-changing demographics at the latest of the University's New New Zealand Forum series, held in New Plymouth recently. It was informed and inspired by a \$5.5 million Government-funded research project he is leading, titled Capturing the Diversity Dividend of Aotearoa/New Zealand.

The forum, titled The New Heartland – Changes in the Regions, drew around 150 local businesses, community, iwi and youth leaders – with several joining a panel alongside the Massey presenters to examine the challenges ahead for the region. Vice-Chancellor Steve Maharey facilitated the event.



Vice-Chancellor Steve Maharay hosting the New NZ Forum in New Plymouth.

What do you do in a province where the over 65s outnumber the children?

By next year, New Plymouth will lead the country's regional centres in having the highest proportion of people aged over 65 in relation to under 14s. But the demographic changes forecast for the area are the same ones facing many regions, Professor Spoonley emphasised.

“It is always important to look at what is happening economically, and we need to understand where the labour market is going,” Professor Spoonley said. “But alongside that, demographic change is going to re-shape New Zealand in fundamental ways, and in ways we've never experienced before.”

While the term ‘secular stagnation’ has gained traction in Europe to describe demographic changes that are likely to “compound or constrain some of the economic opportunities that we have,” he believes the answers lie in facing demographic changes with optimism.

A massive surge in the size of the ageing population across New Zealand – from 600,000 in 2013 to over one million a decade on – is “not a problem, it is simply the new reality,” Professor Spoonley says. And although 65 is the official age of superannuation eligibility, more than a quarter of those aged 65 and over are in paid employment today. What's more, “we have the healthiest and wealthiest population of over 65s ever,” he says.

Another factor in forecasting the region's economic outlook is in regard to Treaty settlements for seven of Taranaki's eight iwi. Worth around \$400m, these will be a game changer, he says. Māori make up just over 17 per cent of the region's population, with a median age half that of Pākehā, which is in the 40s. It is vital young Māori engage in education and employment training if gains are to be made, he added.



Making way for the 'silver economy'

Cue the 'silver economy', a term referring to the surging consumer power of ageing, affluent baby boomers, and the economic value of the goods and services produced for this group. It is being widely researched and embraced in other Westernised nations, resulting in a new economic driver delivering to a cohort with different, bolder aspirations in old age than previous generations. But New Zealand has been slower to grasp and harness this new economic force, says Dr Shaw, co-presenter and Director of External Connections with Massey's BA.

The spending power of this sector of the population globally represents the world's third-largest economy, he says, and is estimated to reach \$15 trillion by 2020.

Alternative housing to suit the needs of ageing baby boomers is one of the key issues New Zealand's 'silver economy' will need to grapple with, Dr Shaw says.

Jobs skills, immigration and connecting to the diaspora

Maintaining skilled workers in regions like Taranaki is a major issue for businesses and employers, Professor Spoonley said. Regions struggle to attract both internal and overseas migrants, as Auckland continues to be the centre for growth in population and jobs – the agglomeration effect.

Population stagnation in regions could be addressed, in part, by developing regional immigration policies – an idea touted by Professor Spoonley for some time, and recently reinforced by changes to Government immigration policy.

Taranaki, as with other regions, needs to develop a vision and a plan for what it wants and where it is heading, and “to develop something much more proactive, such as regionally-focussed approaches because a national immigration policy is not going to send you many immigrants,” he advised.

It was important to highlight the region's positive aspects, such as lifestyle – the most important reason immigrants come to New Zealand.

Another potential untapped skill source is the diaspora – 800,000 New Zealanders currently live elsewhere overseas. Regions could draw on that to recruit and attract people home, or by using the skills and connections of the diaspora where they are, Professor Spoonley says. “We tend to see them as abandoning us, rather than as an income and skills source.”

Panellists at the event were; Barbara Kuriger, MP for Taranaki-King Country, National Party (who addressed the forum via a pre-recorded video clip); Ryan Evans, editor of the Taranaki Daily News; Stuart Trundle, chief executive of Venture Taranaki; Richard Williams, chief executive of the Chamber of Commerce; and Hayley Radich, from Sacred Heart Girls' College.

Ms Radich was selected from among the 41 Year 12 students who attended a three-hour Young Leaders' Symposium earlier in the day. She spoke on behalf of the group to outline what they had identified as the key issues for Taranaki youth.

These were; the lack of a university in the region; new approaches to preventing youth suicide; socio-economic inequality preventing too many young people from fully participating in education; and the need for alternative income and employment sources in the future beyond what they consider unsustainable dairy and oil industries.

This was the second New New Zealand Forum this year, with another held in Hastings in June.

Date: 14/08/2015

Type: Features

Categories: FutureNZ Demographic



Professor Glyn Harper at the awards

WWI soldier's tale for children wins award

Professor of War Studies Glyn Harper's popular book *Jim's Letters*, about a WWI New Zealand soldier, has won Best Picture Book at the 2015 New Zealand Book Awards for Children and Young Adults.

The awards were announced last night in Wellington, at a ceremony at Government House. Mandy Hager's *Singing Home the Whale* won the 2015 Margaret Mahy Book of the Year award.

Jim's Letters is based on correspondence between two brothers during the war. It has been described as a "heart-wrenching story, testament to the pre-internet written word as a means of recording and retelling history." The judges said *Jim's Letters*, which has sold nearly 4000 copies, has exceptional balance, pacing and design.

The story recounts fictional soldier Jim Duncan's travels and experiences during WWI in Egypt and Gallipoli through letters to his younger brother Thomas, who lives on the family sheep station in the South Island.

Beautifully illustrated by graphic artist Jenny Cooper and with removable realistic folded letters, the story of 18-year-old Jim's expeditions is based on research from Professor Harper's *Letters from Gallipoli: New Zealand Soldiers Write Home* (Auckland University Press, 2011), a collection of 190 letters previously unpublished from a pool of more than 600 collected from archives, newspapers and family collections.

Professor Harper, Massey University's Project Manager for the Centenary History of the New Zealand involvement in the First World War, shares the \$7500 prize with illustrator Jenny Cooper.



Glyn Harper and Jenny Cooper

Professor Harper says he and Ms Cooper were “stunned” when the announcement was made. “We are so pleased the judges recognised the hard work that had gone into the writing, illustration and design of the book.”

The New Zealand Book Awards for Children and Young Adults are organised by the New Zealand Book Awards Trust, and administered by Booksellers NZ. Click [here](#) for a full list of winners.

Jim's Letters was also a finalist in one of the five categories of the LIANZA (Library and Information Association of New Zealand) awards earlier this year. It is suited for readers aged five to eight years, and is the eighth children's book by Professor Harper.

Last week Professor Harper launched his latest book for adults, *Johnny Enzed: The New Zealand soldier in the First World War 1914-1918* (Exisle Publishing). It includes testimonies from more than 2000 letters, diaries and journal entries of New Zealand soldiers who served in the Great War.

Date: 15/08/2015

Type: Awards and Appointments

Categories: Awards and appointments; Book; College of Humanities & Social Sciences; Creative Arts; School of Humanities; Uni News

Plant scientist joins world-class sheep research team



Plant science specialist Dr Lydia Cranston has joined Massey University's International Sheep Research Centre, adding another specialty to the range of expertise available.

Dr Cranston's PhD research investigated the grazing management of a herb and clover mix for sheep production systems and found it could withstand drier conditions than other pasture.

She worked as a postdoctoral fellow in the University's dairy group before joining the sheep research centre, where, as well as lecturing in several farm management, veterinary, animal and agricultural science papers, she will conduct practical research that adds value on sheep farms – research that is close to her heart, having grown up on a sheep and beef farm near Whanganui.

“I'm passionate about the New Zealand sheep industry,” she says. “The research centre is the premier centre for studying sheep production, welfare, health and biology. It's the right fit.”

The centre is led by Professor Steve Morris and Professor Paul Kenyon and includes Dr Rene Corner-Thomas, Dr Rebecca Hickson, Dr Anne Ridler, Dr Sarah Pain, Dr Nicola Schreurs, Dr Kate Griffiths and Dr Rao Dukkupati. Dr Hickson says each scientist brings a particular specialty to the table. “We come from different backgrounds but all with a focus on maximising health, performance and efficiency of sheep.”

The team's current research focus includes improving sheep nutrition, growth rates and meat quality as well as studying sheep behaviour, welfare, breeding and genetics.

Date: 17/08/2015

Type: Awards and Appointments

Report finds freshwater life is on the way out



Green algal bloom in a small freshwater lake in New Zealand

The majority of New Zealand's freshwater species are disappearing. That's the message of the Society for Conservation Biology's new report, which two of New Zealand's leading freshwater ecologists Massey University's Dr Mike Joy and Professor Russell Death have contributed to.

The 'Diagnosis and Cure' report on managing New Zealand freshwater biodiversity and supporting ecosystems, titled *The plight of New Zealand's freshwater biodiversity?*, says 74 per cent of our native freshwater fish, mussel and crayfish species are now listed as threatened with extinction.

The report cites excessive nutrient run-off from over-intensive agriculture, extraction of water, river engineering, and human and industrial waste discharged to waterways as the causes of widespread pollution of New Zealand's freshwater waterways. All this,, along with commercial exploitation and exportation of many threatened and endemic species, means freshwater species numbers are fast dwindling.

Dr Mike Joy, from Massey's Institute of Agriculture and Environment, says New Zealanders consider water pollution and declining water quality as the most important environmental issue but governments continue to largely ignore the problem.

"The government's plans to drastically increase agricultural production will exacerbate all the problems. There are even plans to increase development of our rivers and wetlands, exacerbating these problems.

"It [fresh water quality] is a taonga of paramount importance and valued for its contribution to biodiversity, recreation, the economy and the overall wellbeing of New Zealanders."

"Governments and communities don't have to keep making it worse," Dr Joy says. "It's a false economy, we can improve our practices, mitigate obvious threats and adequately regulate the developments that are causing these problems and still have a strong economy."

Recently the New Zealand government identified core priorities and objectives to improve freshwater management in the new National Policy Statement for Freshwater Management 2014 (NPS-FM 2014), with national 'bottom lines' for water quality. However the Society for Conservation Biology says this is not enough.

The society's senior author of the Conservation Science Statement, Dr Emily Elston, says there is a great opportunity for New Zealanders to learn from their mistakes and those of others around the world.

"We can implement some real changes which will not only improve the freshwater environments for the species living in them, but also for us by providing clean water and wonderful places for fishing".

The report suggests six clear priorities to protect New Zealand's freshwater biodiversity:

1. Change legislation to adequately protect native and endemic fish species and invertebrates, including those harvested commercially and recreationally
2. Protect habitat critical to the survival of New Zealand's freshwater species
3. Include river habitat to protect ecosystem health in the National Objectives Framework for the National Policy Statement on freshwater
4. Establish monitoring and recovery plans for New Zealand's threatened freshwater invertebrate fauna
5. Develop policy and best management practices for freshwater catchments which includes wetlands, estuaries and groundwater ecosystems
6. Establish, improve and maintain appropriately wide riparian zones that connect across entire water catchments.

"We have to do something about the increasingly poor state of our rivers, lakes and groundwater resources. Business as usual is no longer an option," Dr Elston says.

The full report is available online [here](#).

Date: 17/08/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues

UK dyslexia expert sheds light on NZ problem



Professor Julian Elliott (centre) with Professor of Early Childhood Education Claire McLachlan and Professor of Literacy Tom Nicholson

The views of a visiting British co-author of a controversial book on dyslexia highlights how the term 'dyslexia' has hindered efforts to help children with reading difficulties in New Zealand.

The views of a visiting British co-author of a controversial book on dyslexia highlights how the term 'dyslexia' has hindered efforts to help children with reading difficulties in New Zealand.

Professor Julian Elliott, who says the term 'dyslexia' should be abandoned, is in New Zealand to give several public talks at Massey's Auckland and Manawatū campuses, as well as a debate at the University of Waikato.

The Dyslexia Debate, published last year by Professor Elliott and Professor Elena Grigorenko, examines cognitive, neural, genetic and educational/therapeutic aspects of dyslexia – as well as how the term has been used – and questions its efficacy as a diagnosis.

Massey University's Professor Tom Nicholson, a leading literacy expert and member of the American Reading Hall of Fame, says: "The way we treat children with severe reading difficulties is a national tragedy. Professor Elliott, who is touring New Zealand and Australia, is leading the charge to do something about it."

"Every day across New Zealand there are thousands of parents who are fretting and worrying about their children's reading and spelling progress and feel helpless about what to do," he says. "Professor Elliott's visit this month will throw a bright light on the fact that there is little or nothing available from the Ministry of Education to help these children.

"*The Dyslexia Debate*, which Professor Elliott has co-authored with internationally-renowned neuroscientist Professor Elena Grigorenko, is the most important book on reading since Rudolf Flesch's book *Why Johnny can't read*."

Professor Nicholson, who is based at the Institute of Education as Massey's Auckland campus and will join a debate with Professor Elliott next week, says it is "heart-breaking to go out to schools to help 10-year-old children reading at a five-year-old level."

"At Massey we have run after school clinics and I have done personal tutoring, but this is a drop in the ocean. Professor Elliott's talk will show how big a problem we actually have here."

He says some parents see "a glimmer of hope" in going to a private psychologist to get a diagnosis of dyslexia. "But as the book [*The Dyslexia Debate*] shows, this a waste of money as there is nothing schools can do. The Ministry does not recognise dyslexia or any reading disorder as eligible for funding. Teachers try to help out and schools try to use teacher aides but this is a small band aid on a massive problem."

Professor Elliott's solution requires excellent first teaching – preferably with a strong phonics emphasis – followed by quick intervention if the child does not respond to teaching in the first few weeks of school.

"This should continue through the whole of school, if necessary, until every child can read and spell. We desperately need this. Every child has the right to read," Professor Nicholson says.

He says Professor Elliott – whom he describes as "engaging, funny, informative and courageous" – is a "must-see for every parent and teacher."

Professor Elliott's visit to New Zealand has been sponsored by the New Zealand Psychological Society. He will be giving a keynote speech at their August 28-31 conference in Hamilton.

The Dyslexia Debate – free public talk:

Massey University Auckland – Tuesday, 18 August: Sir Neil Waters Lecture Theatre – 4.15pm

Massey University Manawatū – Tuesday, 25 August: Japanese Lecture Theatre 11am-12pm

University of Waikato – Saturday, 29 August: School of Management – 3pm-4pm

Date: 18/08/2015

Type: University News

Categories: College of Education; College of Humanities & Social Sciences; Teaching; Uni News

Winning PhD links poisoned pigs to droopy dogs



The winners of the 2015 Three-Minute Thesis competition, from left: Hayley Hunt, Eva Maier, Norshuhaidah Jamaludin, Hannah Young and competition judges University Council member Ben Vanderkolk, Institute of Agriculture and Environment project manager Dr Kate Arentsen, Business Innovation and Strategy director Professor Hamish Gow, College of Sciences Pro-Vice Chancellor Professor Ray Geor.

A veterinary scientist's PhD thesis investigating the link between poisoned plant-eating pigs and a mystery canine disorder has won the Massey University Three-Minute Thesis (3MT) finals held today at the Manawātū campus.

Institute of Veterinary, Animal and Biomedical Sciences student Hayley Hunt took out the top prize for the doctoral category in the 3MT contest.

She is investigating a rare disease in hunting dogs called Go Slow. The disease affects the dogs' ability to walk by altering the mitochondria (energy-producing structures within cells), so that their muscles are no longer able to contract. She says the likely cause of the disease is dogs eating wild pig meat that has been poisoned when the pig eats particular plants. She is currently searching for "a needle in several haystacks" as she tries to identify which plant and toxin may be tainting the pig meat.

She was one of seven doctoral and four masterate finalists from the university's Auckland, Manawātū and Wellington campuses competing for the top prize at the finals held at the Manawātū campus on Tuesday.

Psychological resilience in people with blood cancer, antibiotic resistance, unravelling the mysteries of the intestine, and getting students to go outdoors were among the theses topics of her rivals.

The competition requires students to present their research to a lay audience with only a single PowerPoint slide for assistance – all in three minutes.



Hayley Hunt being awarded the top prize in the doctoral category by Professor Ray Geor

Runners up and People's Choice winners

Runner-up and People's Choice Award winner was Eva Maier, from the Riddet Institute. Ms Maier has developed a specialised model of the human gut that creates two distinct environments for both gut tissue and a bacteria called *F. prausnitzii* to grow. She will use this model to understand how bacteria can “leak” through the gut tissue to cause disorders such as irritable bowel disorder.

Auckland-based psychology student Hannah Young won the masterate section with her presentation on a study on the near-death experiences of Māori. She wants to establish whether Māori experiences of the phenomena have unique cultural characteristics, or reflect universal patterns. She also won the People's Choice for her category.

Ms Hunt will travel to the University of Queensland in October to compete in the trans-Tasman final of the Three-Minute Thesis competition.

Three-Minute Thesis was developed by the University of Queensland as an exercise to develop academic, presentation and research communication skills. Massey has been participating in the competition since 2010.



Runner-up for the doctoral theses Eva Maier with Professor Ray Geor



Winner of the master's category Hannah Young with Professor Ray Geor

Date: 18/08/2015

Type: Research

Categories: Home Page article; Awards and appointments; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences

New study pits big data against intuition



Simone Gressel wants to find out if big data is changing the way managers make business decisions.

A Massey University PhD student is delving into the decision-making processes of companies to understand whether judgement calls based on big data produce better outcomes.

Simone Gressel says she chose her thesis topic because of all of the hype around “big data”. She was interested to understand how managers were using data, whether it was reducing the role of human judgement and whether managers made better decisions as a result of it.

“Big data is really a trending topic right now. There's a lot of hype but do managers really trust everything the data analysts tell them, or do they still revert to their experience and intuition?” Ms Gressel asks.

Decisions based on data 'usually work out'

She says her study is targeting firms that use big data for strategic decisions. She interviews managers at various levels within the organisation about their perceptions of data analytics, how they use data and how much they rely on it for decision-making versus their own intuition.

“We look at three to five decisions they have made in the past that had a good outcome or negative outcome so it's

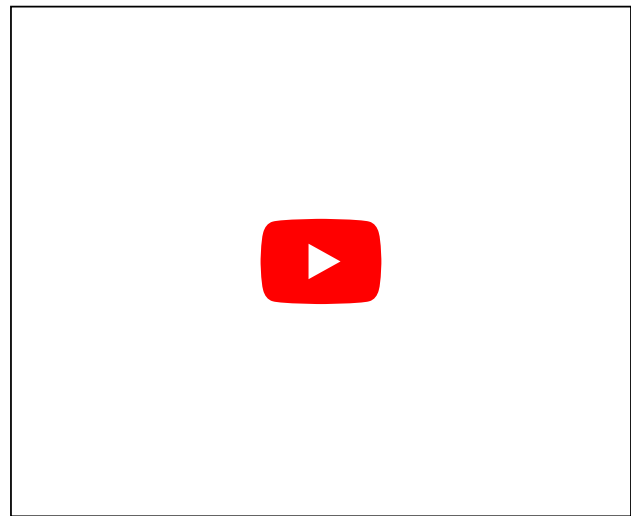


Massey PhD candidate Simone Gressel.

a decision they can recall clearly,” Ms Gressel says. “I get them to lead me through that decision – what happened, what data they received, how and why they made the decision they did and how it turned out.”

Analysis of these processes gives insight into why some decisions have good outcomes, and why others don't. So far, her research has shown decisions based on data analytics usually work out well, sometimes to the surprise of business managers.

“When I asked people, ‘Is this what your gut told you?’, they were often surprised because the data told a completely different story to their own perceptions. But when they were convinced by others to follow the data, they found the data outperformed their intuition – and this then led to greater trust in analytics the next time around.”



Professor Leo Paas on effective data analysis.

When data tells the wrong story

This is not to say the data was always right. Ms Gressel says she has found two main reasons for negative outcomes: unreliable or unsuitable data, often provided by external sources and not properly incorporated into the organisation's own environment; or the analytics team missing an important component of data because they didn't fully understand the business situation.

“The job of a data scientist is to understand all the business needs as well as the actual data and its components – but it is hard to find someone like that in real life. There is a skills gap,” she says.

The most successful management teams will embrace a data culture but also create an environment where managers can question recommendations when it doesn't match their intuition, Ms Gressel says.

“Data challenging is a very important concept if it comes with the acceptance that the data may also be right. It needs to be okay to ask analysts to go back and delve deeper into the data to prove their findings or, perhaps, find a flaw.”

Wanted: Companies to share their decision-making process

While Ms Gressel's research has already given her useful insights into the best decision-making practices, she is seeking several more companies to analyse to ensure her findings are robust.

“I am looking for medium and large organisations that use data analytics, preferably for predictive decisions, rather than just analysing what has happened in the past.”

Ms Gressel is keen to give participating companies something of value in return. While remaining anonymous, firms will receive an executive summary that outlines their decision-making processes, including factors related to organisational culture, which will then be compared to best practice as it is currently defined in both the practical and academic literature.

“The lessons will be specific to their company and I'll highlight things they might not be doing that I've seen lead to success in other organisations,” she says.

Businesses interested in participating in the research project can contact Ms Gressel at S.Gressel@massey.ac.nz

Date: 18/08/2015

Type: Research

Categories: Big Issues in Business; College of Business



Directors Hayao Miyazaki, Isao Takahata and producer Toshio Suzuki – the founders of Studio Ghibli.

Doco essential viewing for Studio Ghibli fans

Take a look inside the studio that captivated audiences the world over with dreamlike animations *Spirited Away* and *Howl's Moving Castle*, at Massey University's Auckland campus on September 7.

The Kingdom of Dreams and Madness follows the lives of directors Hayao Miyazaki, Isao Takahata and producer Toshio Suzuki – the founders of Studio Ghibli.

Filming from 2012 and into the early stages of 2013, the documentary captures Studio Ghibli as it hurtles toward one of the most hectic times in the company's history.

As the world-renowned studio celebrates its 30th birthday, award-winning filmmaker Mami Sunada gives us unprecedented access into their unique, fascinating world, as they prepare to release two films - *The Wind Rises* and *The Tale of the Princess Kaguya*.

This film is considered essential viewing for any Studio Ghibli fan, and stands alone as a captivating work in its own right.

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15pm. All films are screened in the Atrium Round Room on the ground floor of the Atrium Building. There is free parking available on campus.

For more information on the Japanese films visit the website:

http://www.auckland.nz.emb-japan.go.jp/culture/film_show.htm

Date: 18/08/2015

Type: University News



The Allergies, Intolerances and Reflux Symposium will look at allergy prevention, care and myths.

Workshop to bust allergy myths

Why are our children allergic to certain foods and what causes reflux in toddlers? These questions, and many others about allergies and intolerances will be the focus of an upcoming symposium to be held at Massey University.

The one-day workshop will look at the prevention, care and myths of allergies, intolerances and reflux throughout pregnancy, infancy and toddlerhood.

The 17th symposium in the College of Health's popular nutrition workshop series, will present a balanced mix of nutrition, science, research, recommendations and practical suggestions – all of which will be valuable to professionals who work with pregnant women, babies and toddlers.

This symposium is aimed at health professionals including GPs, nurses, dietitians, nutritionists and allergy specialists. Topics include Allergies 101, cow's milk allergy, introduction of solids to the “at risk” baby, addressing why our children are allergic and gastro-oesophageal reflux.

A number of speakers from New Zealand and Australia will feature at the event on the 27th of August, at Massey University's Albany campus.

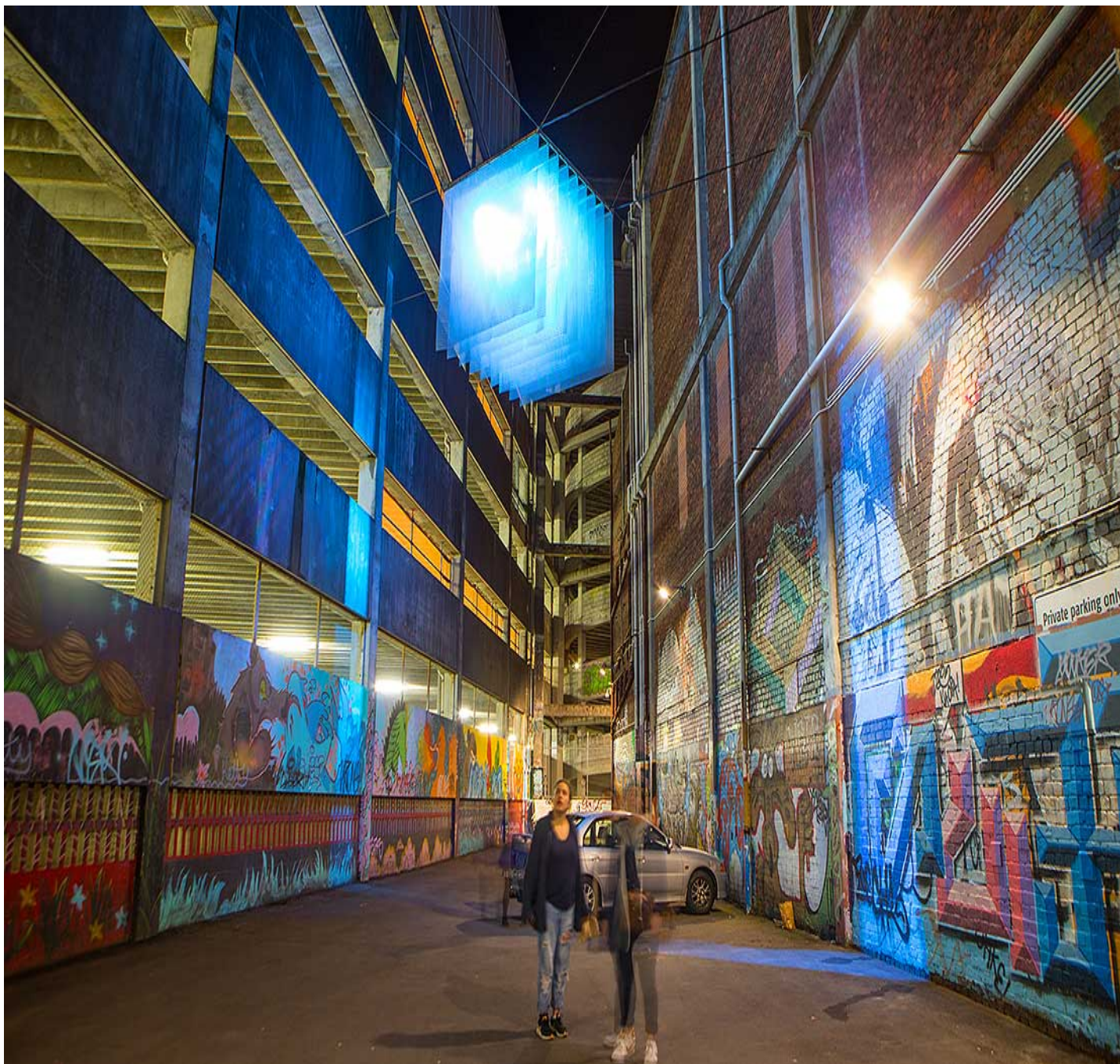
To view the programme and register to attend go to www.massey.ac.nz/nutritionssymposia

Date: 18/08/2015

Type: University News

Categories: College of Health

LUX lights up Wellington winter



An example of the illuminating art on display at the LUX Festival of light. Photo credit Jeff McEwan, Capture Studios

It's just a matter of days till Wellington's waterfront and laneways become illuminated in a festival of light lasting till the end of August.

More than 30 light sculptures and interactive installations will bring lightness and brightness to the capital when the LUX Festival switches on from August 21 with a mix of design, art and technical innovation in ways certain to surprise, delight and captivate audiences after dark.

LUX founder Chris Bennewith, who is Associate Pro Vice-Chancellor (Enterprise) at Massey's College of Creative Arts, says the interest from artists and spectators has continued to grow in the five years since LUX was introduced to Wellington.

"Each year we've seen the festival shine brighter, as more and more artists apply to have their spectacular, unusual and fun installations on display in Wellington. We have also seen more and more visitors attend,

with a record 65,000 last year,” he says.

“We think LUX is a distinctively Wellington event as it's unique, fun and just a little bit off-beat.”

The light installations and pop-ups will be displayed along the waterfront from TSB Arena to the lagoon, and throughout the Opera House and Eva St laneways. The illuminated art works were selected from 60 applications from artists across New Zealand and around the world. This year's festival also includes work from the students and staff at Massey and Victoria universities.

“We're particularly excited to present this year's programme, which offers a mix of family-friendly, spectacular and avant-garde pieces from some of the world's best artists. This year we're thrilled to be included in UNESCO's International Year of Light, which highlights the importance of light globally,” Mr Bennewith says.

This year's festival will also include a symposium on Saturday August 22, that will look at ways to use light within social, political and global issues. The symposium, will be held at Massey University and will include speakers who are exhibiting at LUX.

After last year's popularity, LUX is again collaborating with Visa Wellington On a Plate with DeLUX Dining, offering guided tours followed by dinner at participating restaurants.

Wellington LUX Festival is on from August 21-30 and is a free event.

Date: 18/08/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington



Anglo-Indians featured in a popular British television drama, *Indian Summers*

NZ's 'invisible' Anglo-Indians in new research focus

While the tumultuous world of 19th century Anglo-Indian politics and history has gripped television viewers here with the British television drama *Indian Summers*, a Massey University social scientist is keen to find out more about the Anglo-Indian population in New Zealand.

Social anthropologist Dr Robyn Andrews has been awarded a \$20K grant from the Asia New Zealand Foundation for her research project; "The invisible Indian: The Anglo-Indian Diaspora in New Zealand."

She wants to make contact with as many Anglo-Indians in New Zealand as possible – using archival material and other data – and will conduct interviews to build up a picture of this Indian minority. She will also travel to India to interview Anglo-Indians aspiring to emigrate to New Zealand.

"Anglo-Indians, an Indian minority community, have been migrating to New Zealand since at least the early 20th century, yet they continue to be almost entirely overlooked in accounts of 'Indians' in New Zealand," she says.

Dr Andrews, who is based in the School of People, Environment and Planning at the Manawatū campus, says that although only 327 New Zealanders identified as 'Anglo-Indian' in the 2013 census, there are likely to be many more. Some may not know they have Anglo-Indian origins, or they may choose to identify as 'New Zealander' rather than 'Indian'.

Who are Anglo-Indians?



Dr Robyn Andrews

The official definition under the 1950 Indian Constitution is someone of mixed European and Indian ancestry whose heritage is traced to a European (most often British) father and Indian mother – but not the reverse combination.

Dr Andrews says this is the case because historically it was primarily British men who came to India with the army prior during the rule of the British Raj – between 1858 and 1947 – and married Indian women. The definition includes those from Burma, Pakistan and Bangladesh, which were part of India prior to independence from Britain.

Culturally, Anglo-Indians tend to be more 'English' than 'Indian', she says. They speak English as their first language, are Christian (mostly Catholic) and were employed predominantly in the civil and defence services, and teaching.

Anglo-Indians vary in appearance, from being distinctly Indian in their features to more European. Celebrity Anglo-Indians such as British entertainers Engelbert Humperdinck and Cliff Richards are examples of this, respectively.

The distinctive Anglo-Indian cuisine is perhaps the original 'Asian-fusion', incorporating elements of both in iconic dishes like kedgeree.

Anglo-Indian women may wear traditional saris to work in India these days, but not in the home or outside India. But you won't find Anglo-Indians in New Zealand flocking to ex-pat festivals such as Diwali – a Hindu festival of lights – which has become popular in culturally diverse centres like Auckland, she says.

Dr Andrews, whose PhD research was based on the ethnographic study of Calcutta's Anglo-Indian community, says she has found evidence through her research of Anglo-Indians who came here well before 1947 when India gained independence. After that, many Anglo-Indians emigrated to form communities in the UK, US, Canada and Australia, as well as here.

She would like to hear from newly arrived Anglo-Indians, as well as those who are established here and anyone who thinks they might be descended from an Anglo-Indian.

Dr Andrews says that while most people would not be able to distinguish between Anglo-Indians and other ethnic groups from the Indian subcontinent, there are some subtle linguistic clues. For example, Anglo-Indians tend to pronounce the word 'dahl' – the classic Indian spiced lentil dish – as 'doll', rather than 'darl'.

Dr Andrews is also the author of *Christmas in Calcutta* (SAGE Publications, 2014), a book of Anglo-Indian stories, memoirs and essays that portray the diverse lives and socio-economic positions of the Anglo-Indian community in Calcutta – one of the largest in the world. Her Anglo-Indian husband Keith Butler has published an Anglo-Indian novel, *The Secret Vindaloo* (Amazon, 2014).

She hopes her research will help raise the profile and wider understandings of a group that has, so far, been invisible in New Zealand. The 10th Anglo-Indian World Reunion will be held in Sydney next January, and Dr Andrews plans to attend with the aim of making connections with more New Zealand Anglo-Indians.

To find out more or to take part in the study, contact Dr Andrews: R.Andrews@massey.ac.nz or go to the project's Facebook page: [Anglo-Indians in New Zealand](#).

Date: 18/08/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Explore - Planning; Research; Uni News

New business models for the digital economy



How to foster innovation in your organisations will be the focus of the last Big Issues in Business event for the year.

The digital economy is changing the way we do business, says a Massey University entrepreneurship expert, and it's creating both challenges and opportunities for New Zealand companies.

Professor Lorraine Warren will share her research into the new business models emerging from technological change at a Massey Business School event next week.

'Innovation: Achieving the great leap forward' is the final Big Issues in Business seminar for 2015 and will explore how entrepreneurial behaviour can be fostered to drive business success.



Professor Lorraine Warren discusses her innovation research.

Be agile and experiment

Professor Warren says the the early adoption of digital technologies can provide a competitive edge, but it can be difficult to predict the new business models that are going to work.

“It's important to be as fluid as possible – success often comes after trying a series of temporary models that are continuously reshaped and strengthened over time,” she says.

“This keeps your strategic options open while still moving the business forward as technology and consumer behaviour continues to rapidly change.”

Professor Warren says it's important to encourage low-level experimentation and to organise your business for flexibility and agility if you want to foster innovation.

“On the one hand, the digital economy moves quickly, which is challenging,” she says. “But on the other hand, the entry barriers to experimenting with digital innovations are quite low, particularly on the internet.”

Experts share their insights

Professor Warren will share her research insights at the Big Issues in Business event alongside Louise Webster, chief executive of the New Zealand Innovation Council, and Russell O'Brien, head of innovation and entrepreneurship at Auckland Tourism, Events and Economic Development.

The trio will provide academic and practitioner views on how to teach entrepreneurial behaviours and how to create a culture that encourages innovation.

“These are important lessons for companies of all sizes as they grapple with the pace of change in today's business environment,” Professor Warren says.

Event details:

Date: Wednesday August 26, 2015

Time: Networking from 5.30pm-6.00pm. Presentations and discussion from 6.00pm-7.00pm

Venue: Student Central Lounge, Massey University Auckland campus, Dairy Flat Highway, Albany

To register: <http://bit.ly/bibs-registration>

More info: <http://bit.ly/bibs-innovation>

Date: 18/08/2015

Type: University News

Categories: Big Issues in Business; College of Business; Explore - Entrepreneurship

Campus marae redevelopment project underway



An artist's impression of the new-look Kuratini Marae with the wharekai facing out toward the heart of the Wellington campus

Demolition work started on parts of the Kuratini Marae at the Wellington campus on Monday as preparations for the construction of a completely new wharekai, or meeting house, get underway.

When it is completed in mid 2016, the new-look marae will be physically re-positioned toward the centre of the campus with the existing wharekai converted into a wharekai.

Assistant Vice-Chancellor Māori and Pasifika, Dr Selwyn Katene, says the \$1.875 million construction and re-positioning project is necessary as the existing buildings and facilities are in need of an artistic and design upgrade.

"Orientation of the current building is not satisfactory with the wharekai positioned in front of the wharekai blocking it from the campus heart," Dr Katene says.

The new marae facilities, complete with plantings and landscaping, will provide a meeting space that is contemporary, culturally rich and well integrated into the campus environment, Dr Katene says.

The wharekai began life as a prefab laboratory at Wellington Polytechnic's Buckle St site and in 1977 was turned into a wharekai. In 1990 it was moved to its current location.

"The new marae will be a demonstrable display of Massey's commitment to its students, staff and communities and future generations," Dr Katene says.

The redevelopment is also important to Taranaki Whānui the local mana whenua linked to the University through the Wellington Tenths Trust who are pleased to support the upgrade, he says.

Athfield Architects, which designed the neighbouring College of Creative Arts building Te Ara Hihiko, has been awarded the contract to design the new-look marae with construction carried out by Arrow International.

Date: 18/08/2015

Type: University News

Categories: Home Page article; FutureNZ - Maori; Maori; Wellington



Vanessa van der Ham, Ken Cage and Geraldine Tomlin from the Centre of Teaching and Learning selling their wares.

Cupcake fundraiser supports SPCA

The staff at the Centre for Teaching and Learning at the Albany campus held a Cupcake day on Monday August 17 to raise funds for the SPCA on the North Shore.

This was the second year the centre has supported this national initiative. Good weather in Albany ensured optimum conditions for students and staff to get out and support the SPCA.

A total of just over \$400 was raised for this good cause. Thanks to everyone who supported the event.

Date: 18/08/2015

Type: Internal Communication

Categories: Any

Movie maker takes up residency at Massey



Image from *Coffee & Allah* (2008), directed by Sima Urale.

Her next project may be top-secret but film director Sima Urale is more than happy to talk about her latest gig as the recipient of Massey's College of Creative Arts Pasifika residency.

"This has given me the time to get back into the film industry while still getting to share the love, share the experience with students," she says.

And Sima has plenty of experience to share. For more than 20 years she's worked in the creative industry starting as an actress in theatre and moving into film and television directing. It's as a freelance filmmaker that she's become best known. Her feature film *Apron Strings* won international acclaim as did her short films *Coffee & Allah* and *Still Life*.

A growing demand for Pasifika stories

The Samoan director says her filmmaking is driven by themes and messages and not race or colour. "I don't want to be pigeonholed as a Pasifika film maker."

But she says there is a growing demand for Māori and Pacific stories on the international stage and the success of films like *The Orator* (*O Le Tulafale*) by Samoan Director Tusi Tamasese is a sign of this.

Bringing students real-life experience



Sima Urale.

Sima says the film industry is still hard work and she wants students to understand that movie making isn't the glamorous world they see in the media.

“Failure is what students need to see because if you can survive the down times you can make a living at it.”

Sima has already presented a workshop and over the next couple of months will continue to present to students covering a variety of papers and giving them the benefit of her real-world experience. And as for the top-secret project all we can say is that Sima may need her passport soon.

Date: 19/08/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Pasifika

How do we solve New Zealand's healthcare challenges?



Professor Paul McDonald says New Zealand must move away from a medical treatment model.

One of New Zealand's leading public health experts is calling for a move away from 20th century medical treatments. Massey University's Pro Vice-Chancellor of the College of Health Professor Paul McDonald is embarking on a speaking tour to explain why he thinks New Zealand needs to embrace more innovative, collaborative and cost-effective solutions, using the latest scientific breakthroughs.

Core to his beliefs is the role society plays in our health. Professor McDonald says, "We tend to think of chronic diseases as medical problems with social consequences, but the time has come to think of chronic diseases as social problems with medical implications."

In the coming years, more Kiwis will develop chronic illnesses, such as diabetes, dementia and respiratory disease. Professor McDonald says, "The cost of caring for the sick and elderly will continue to grow, as long as the focus is on adding years to life, instead of adding life and dignity to years."

Professor McDonald says the biggest challenge for public health is New Zealand's ageing population. In 2005, around one in eight New Zealanders were over the age of 65; from the late 2030s it will be around one in four.



Professor Paul McDonald.

Come and find out why it is time to re-think our approach to chronic diseases, and why moving away from a medical treatment model will save both money and lives.

Tour details

All events are 5.30pm to 7.30pm

- Weds August 19: Wellington, The Boatshed, Taranaki Street
- Thurs August 20: Christchurch, Transitional Cathedral, Hereford Street
- Mon August 24: Auckland, The Heritage Hotel, Hobson Street
- Tues August 25: Palmerston North, Japanese Lecture Theatre, Massey University
- Weds August 26: New Plymouth, The Devon Hotel, Devon Street

To register email alumni@massey.ac.nz or phone 06 350 5865

About Professor Paul McDonald

Canadian-born Professor Paul McDonald launched the inaugural College of Health at Massey University in April 2013. Prior to that Professor McDonald spent 15 years as the Director of the School of Public Health and Health Systems, Chair of the Department of Health Studies and Gerontology, and Director of the Population Health Research Group at the University of Waterloo in Canada.

A Fellow of Britain's Royal Society for Public Health, Professor McDonald holds a PhD in health studies with a specialisation in population health, and an MA in clinical psychology. He is an international expert in public health, population health intervention, and tobacco control.

Date: 19/08/2015

Type: University News

Categories: Home Page article; College of Health



Tick the box if what you hear sounds like you.



Big spender

You need to always buy the latest phone or buy the latest fashionable clothes?

You do not worry about saving money?



Shopper

You spend a lot of time at the mall and buy things there?

You feel good when you buy a bargain even if you do not need them?



Borrower

You are always in debt and owe people money?

You find it hard to keep track of how much you earn and how much you spend?

You often spend more money than you earn?



Saver

You only spend money when you really need to?

You wait for sales and always keep an eye out so that you can shop when the sales are on?

A page from the MoneySmarts Made Easy workbook, with simplified text and visual cues.

Simplified money course key to empowerment

Money Week 2015 will see the launch of a new financial literacy course designed specifically to build the skills of people with intellectual learning disability.

People First New Zealand, in association with the Westpac Massey Fin-Ed Centre, will trial the MoneySmarts Made Easy course for a small group of students in Wellington before rolling the programme out nationwide.

Financial information made easy

The course, which is a customised version of the Fin-Ed Centre's MoneySmarts programme, is written in a mix of plain English and Easy Read – a format that People First specialises in. People First is one of only seven Disabled Person's Organisations (DPOs) in New Zealand, and the only DPO that is led and directed by people with learning disability.

“The MoneySmarts course has been customised by the organisation itself, keeping in mind the specific needs of people with learning disability,” says Fin-Ed Centre director Dr Pushpa Wood.

“The language is easier, using more visual cues and less text, and with constant reconfirmation in the format of the workbooks. We are trialing the course with a small group of students to ensure that the final content works well for this audience.”



Dr Pushpa Wood.

Once the course has been through the trial it will be added to the educational arm of People First Learn With Us, making it available in other areas across the country.

MoneySmarts Made Easy – meeting a need

The call for an accessible course to learn more about money came People First's own membership. Members wanted to increase their knowledge and have more control of their money.

“People First was asked by a number of its members for a way of learning money management skills,” Dr Wood says

“The course will hopefully fill that need by providing the participants with knowledge and the confidence to ask appropriate questions about managing their money, especially when it is managed by others on their behalf.”

The project has been funded by the Ihc Foundation, a long-time funder and supporter of People First New Zealand.

Date: 19/08/2015

Type: University News

Categories: College of Business; Fin-Ed

Hat trick of designers hit the NZ Fashion Week catwalk



Steve Hall accepts the plaudits of audiences and judges at iD Fashion Week in Dunedin in April

New Zealand Fashion Week will be graced with the work of three recent graduates of Massey University's fashion design programme as models hit the catwalk in Auckland this week.

Established names among the country's fashion design community will be joined by these three rising stars who are all alumni of the University's College of Creative Arts.

Each has tasted success in their craft, none more so than Hawera-born Sean Kelly. Less than a year ago saw off intense competition from other talented designers to win season 13 of the New York-based *Project Runway* reality TV fashion show.

The 26 year-old has used some of his prize package to craft an exclusive show featuring around 20 different looks. It is a far cry from his first experience at New Zealand Fashion Week where he worked as a volunteer. This time, he is keen to revisit the event as a designer.

Mr Kelly aims to grow his database of private clients and their personal connection to the brand before



Sean Kelly shares the catwalk with a model wearing his design during the final of

launching a full retail collection.

*reality fashion TV show Project Runway, and below,
Lucilla Gray*

Another graduate of the fashion design class of 2013, Steve Hall, is also hoping a successful year will be reflected in fashion followers' interest in his collection.

In April Mr Hall, who is of Te Arawa descent, received the International Emerging Designer Award at the iD Fashion Week in Dunedin. Weeks later he was presented with the Supreme Award at the 2015 Miromoda Fashion Design competition for Māori designers.

Mr Hall's collection, 'Abandon Man,' draws on Japanese culture and the costume of the samurai and ninja. It reveals a strong, masculine and military-inspired 'warrior' look seamlessly counterbalanced by the soft touch of cut, proportion and shape.

A graduate from last year's programme, Lucilla Gray, launched her self-titled brand at London Fashion Week 2015. It is a label with designs for a modern woman known for its clean cuts and strong silhouettes, offering a youthful but powerful look.



Fashion design programme coordinator and lecturer Sue Prescott says all three designers epitomise the industry's drive to encourage innovative and creative thinkers and are "ones to watch".

"Recent graduates Lucilla Gray, Sean Kelly and Steve Hall are designers who are committed to what it takes to succeed in a fast paced changing world. Even as students at Massey these students powered ahead with a focussed approach to manipulating textiles, product development and understanding of the market ahead.

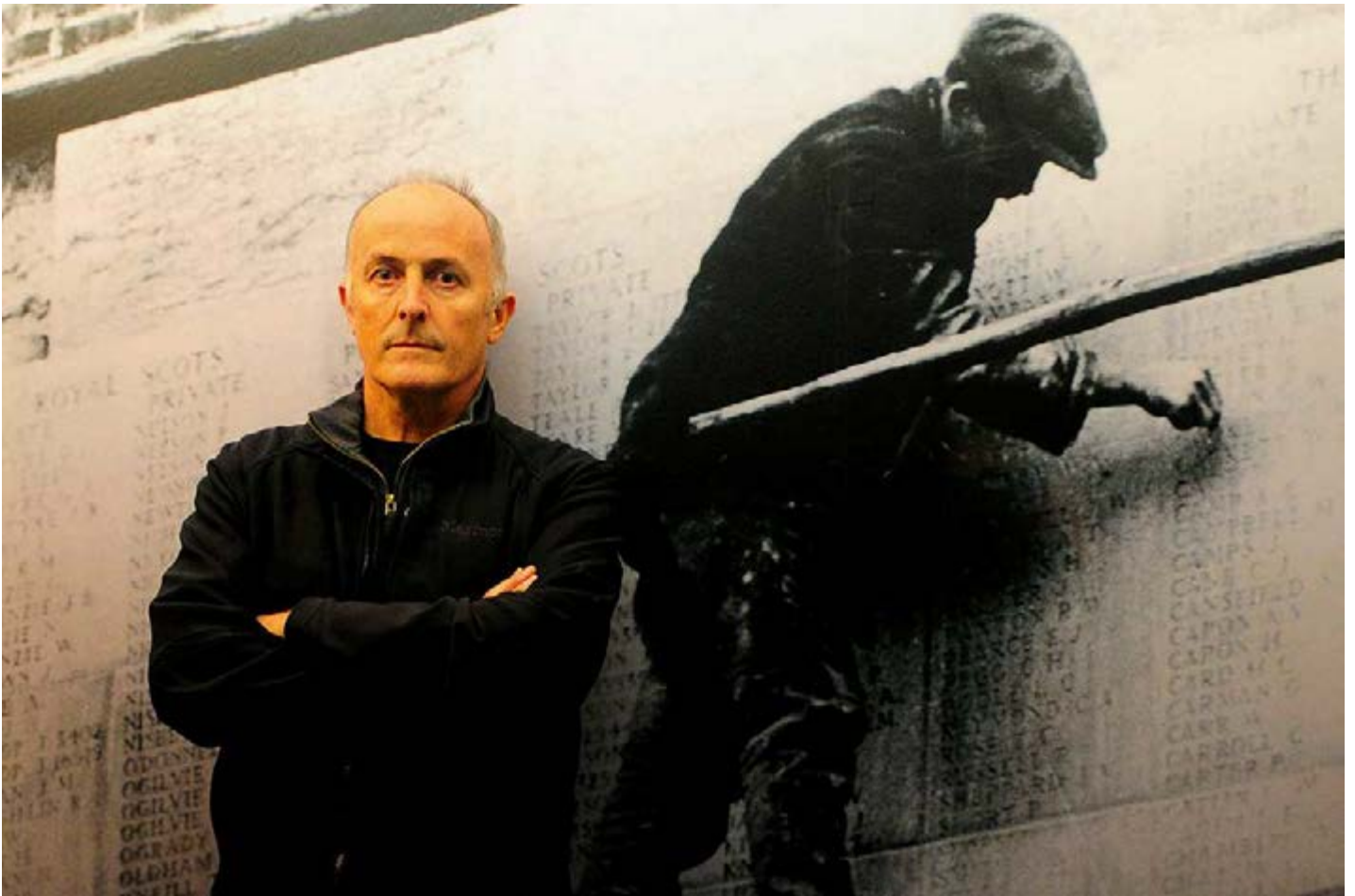
"It will be exciting to see the new work from these three talented designers on the runway at New Zealand Fashion Week," Ms Prescott says.

Date: 21/08/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington

Triggering memory and the culture of 'too soon'



Professor Kingsley Baird, who with Professor Kendall Phillips is organising the Triggering Memory symposium being held next week on Massey's Wellington campus

How soon is too soon for commemorating traumatic events such as terrorist attacks, wars and natural disasters? It's a question a visiting American academic will probe in a public talk at Massey's Wellington campus.

Professor Kendall Phillips from Syracuse University in New York State is also the keynote speaker at a symposium, titled *Triggering Memory* at Wellington that will explore diverse perspectives on memory and what sparks them.

The *Triggering Memory* symposium from September 1-2 at Massey's College of Creative Arts in Wellington is a joint initiative with the College of Visual and Performing Arts at Syracuse University.

Professor Phillips says in contemporary western societies, sacred memories tend to arise out of the tragic and traumatic.

"Public memories are often treated as sacred. We connect these memories to particular sites – memorials, monuments, etc – and to particular times for commemoration and in doing so reconstruct an almost religious sense of reverence," he says.



Professor Kendall Phillips

His talk will explore what the rhetoric of “too soon” tells us about trauma, the sacred and the profane.

“In the aftermath of 9/11, there were serious debates about when things like humorous television shows could be broadcast and vehement reactions to irreverent comments about the attacks. Similarly, there were robust debates about what could be built in the vicinity of ‘ground zero’. The talk concludes with some implications arising from the profaning of public memories.”

Professor Phillips was also involved in the *Contained Memory* conference of 2010 hosted by Massey University in partnership with Syracuse University and the Museum of New Zealand Te Papa Tongarewa, which addressed the nature of memory and how it can impact on people's perceptions of their own personal history.

A co-organiser of both events, Professor Kingsley Baird from Massey's College of Creative Arts, says the latest symposium is further evidence of the growing relationship between Massey and Syracuse Universities.

It will be further cemented when the two universities sign a Memorandum of Understanding during Professor Phillips visit.

Both he and Professor Baird are members of The Memory Waka Research Group that supports and publishes projects addressing the subject of memory.

To coincide with the symposium, Associate Professor Heather Galbraith, from Massey's School of Art, will curate an exhibition called *reflex, figment* that addresses themes relevant to the event.

Professor Kendall Phillips' public talk *The Profanity of Memory: Temporality and the Rhetoric of 'Too Soon'* is being presented at 6pm, Tuesday September 1, The Pit, Block 12, College of Creative Arts, Massey University, Wellington

Triggering Memory Symposium, September 1-2, College of Creative Arts, Massey University, Wellington.

Date: 24/08/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Conference/Seminar; Creative Arts; Wellington

NZ Food Awards unveils cream of the crop in food industry



Restaurateur and Food Awards judge Geoff Scott, left, with Massey University Vice-Chancellor Steve Maharey

The top performers in New Zealand's food industry have been announced, with 47 products developed by 39 primary food producers, food service providers and ingredient supply companies named as national finalists in the New Zealand Food Awards for 2015.

Competition was particularly tough this year with entries up 40% compared to 2014, with almost 150 products from 79 food and beverage producers vying for an award. A broad range of entrants from niche operators to large scale producers will compete to take out the top spot in a number of categories including food safety, export, convenience and gourmet, as well as the ultimate accolade of the Massey University Supreme Award.

Finalists in this year's competition include Fonterra, Chef Series by Josh Emmett and Whittaker's, with a strong presence from Wellington, Nelson and Auckland food manufacturers.

Massey University Assistant Vice-Chancellor – External Relations, Penelope Barr-Sellers, says the awards are a fantastic opportunity to showcase new initiatives in New Zealand food and beverage production and manufacturing.

“Massey University is proud to own and organise the NZ Food Awards, supporting our biggest export sector by providing a forum to celebrate industry excellence and innovation,” she says.

“With a long and proud history of driving innovation in agriculture and food, continuing to support the development and growth of these sectors is integral to what we do.”



Assistant Vice-Chancellor External Relations Penelope Barr-Sellers

Judges impressed by innovation

Judges at this year's NZ Food Awards have been impressed with the level of innovation in entries across the sector this year. Food writer Nici Wickes and Auckland restaurateur Geoff Scott say the growth and quality of entries is a testament to New Zealand's thriving food industry.

"New Zealand's food industry is going through a period of growth, with new ideas, new technology and new techniques emerging in the market. The innovation we're seeing is fantastic for New Zealand's reputation on the global stage as a forward-thinking nation. Both the quality and quantity of the entries this year is reflective of the growth and innovation we are seeing locally," says Geoff.

"The word is spreading that the Food Awards provide the local industry with an excellent opportunity to see how their products measure up compared to others in the country, and to motivate and inspire excellence across the sector. The creativity, innovation, quality and taste of the products entered this year have been exceptional."

Nici says, "The awards set the benchmark for professionalism and integrity when it comes to food and food innovation in New Zealand and local manufacturers recognise that. Winning an award and gaining positive recognition can be a huge advantage for a food or beverage producer."



Restaurateur and Food Awards judge Geoff Scott

The NZ Food Awards winners will be announced at a gala dinner at the Auckland Town Hall on Thursday, 17 September. For more information, please visit www.foodawards.co.nz.

The NZ Food Awards are made possible thanks to Massey University and the family of strategic and supporting partners: Auckland Tourism Events and Economic Development (ATEED), AsureQuality, Countdown, FoodHQ, Ministry for Primary Industries, New Zealand Trade & Enterprise, Rabobank, The Foodbowl, The New Zealand Herald and Villa Maria.

Date: 24/08/2015

Type: Awards and Appointments

Categories: Home Page article; College of Health; Explore - Food; Explore - HEALTH; School of Food and Nutrition



Fergus the ram entertains staff at Manawatū Open Day on August 5.

Final 2015 Open Day – at Wellington on Friday

On Friday, the Wellington campus will be hosting the third and final Massey University Open Day for the year.

After two very successful Open Days in the Manawatū and in Auckland, with steady streams of prospective students flowing onto the two campuses, there is a strong expectation that Wellington will be just as successful.

Staff members based at the campus or visiting are most welcome to join in, enjoy the event and help our visitors have a wonderful experience.

Open Days showcase aspects of the bigger picture that Massey University is painting in its Shaping the Nation – Road to 2025 strategy, of a university that defines the nation and its future and supports its students and graduates to take the best of New Zealand to the world.



Bachelor of Arts student Jashil Reddy with Vice-Chancellor Steve Maharey at Auckland Open Day on August 15.

Among the presentations at Wellington will be the College of Health's health science and sport and exercise science practitioners talking about community and environmental health, understanding human physiology and benefits from studying a career in sport and exercise science.

The college's School of Nursing, which has offered nursing education in the capital for more than 40 years, is also holding a presentation and will have tours of its nursing suite.

The College of Creative Arts' new School of Music and Creative Media Production may still be in its first year but there has been strong interest. The school was established in response to the huge growth in music and creative media industries around the world, and New Zealand's reputation for creativity and innovation in this field.

There are two new three-year practice-based degrees in commercial music and creative media production. For the Bachelor of Commercial Music, the school will hold auditions after the Open Day programme has concluded for students interested in majoring in music practice.

There will also be lectures in theatre, creative writing, media, journalism and public relations offered by the School of English and Media Studies and the School of Communication, Journalism and Marketing.

To register for Wellington Open Day and to view the full programme visit: masseyopendays.ac.nz

Date: 25/08/2015

Type: Internal Communication

Categories: Any

Conservationists talk on the wild side



Conservation practitioners from around New Zealand are gathering in Palmerston North this week for the second Wildbase Recovery Conference where they will be discussing current, species-based conservation initiatives and challenges.

Keynote speaker, Wildbase Recovery Ambassador and newly-appointed Threatened Species Ambassador for the Department of Conservation, Nicola Toki, will present alongside an array of marine mammal, waterfowl, migratory shorebird, frog and bat specialists from Massey University, University of Otago, Department of Conservation, Auckland Zoo and independent organisations.

As well as sharing their expertise, attendees will be contributing to fundraising efforts for New Zealand's first visitor-accessible rehabilitation centre for native wildlife – Wildbase Recovery. Proceeds from the conference will be donated to the Wildbase Recovery Community Trust to contribute to the NZ\$5.69 million needed by the Palmerston North City Council to build the rehabilitation centre in Palmerston North's Victoria Esplanade. The centre will include permanent breeding aviaries, inflight aviaries, 14 rehabilitation aviaries and an education centre.

The conference also includes two outreach events: an auction dinner to raise money for the Wildbase Recovery Community Trust held on Thursday evening and Wildbase Recovery Tales on Friday – a talk to engage the wider region on operational conservation.

As part of Wildbase Recovery Tales, who whio (Blue duck) advocates Fiona Burleigh and Anthony Behrens will talk about the predators wildlife face on a daily basis; Dr Brett Gartrell, from Massey University's Wildbase Hospital, will share some of the success stories of surgery, treatment and rehabilitation; and Aaron Phillips, project manager of the Palmerston North City Council, will show how the public can visit recuperating endangered species in the new Wildbase Recovery facility in the Esplanade.

Co-director of Wildbase Hospital Dr Brett Gartrell says the conference offers a chance to build on the success of last year's inaugural event.

“Once again, we have been lucky to bring a range of people actively working in the conservation of New Zealand wildlife together to talk about their challenges and experiences. It's an excellent way to showcase the work the conservation community is doing, and how Wildbase Recovery and Palmerston North can make a real contribution to saving New Zealand's wildlife.”

The conference will be held at the Distinction Hotel on Thursday from 8am to 4:45pm and Friday from 9am to 3:30pm.

More information on Wildbase Recovery Tales can be found [here](#). Entry is by gold coin donation and is open to the public.

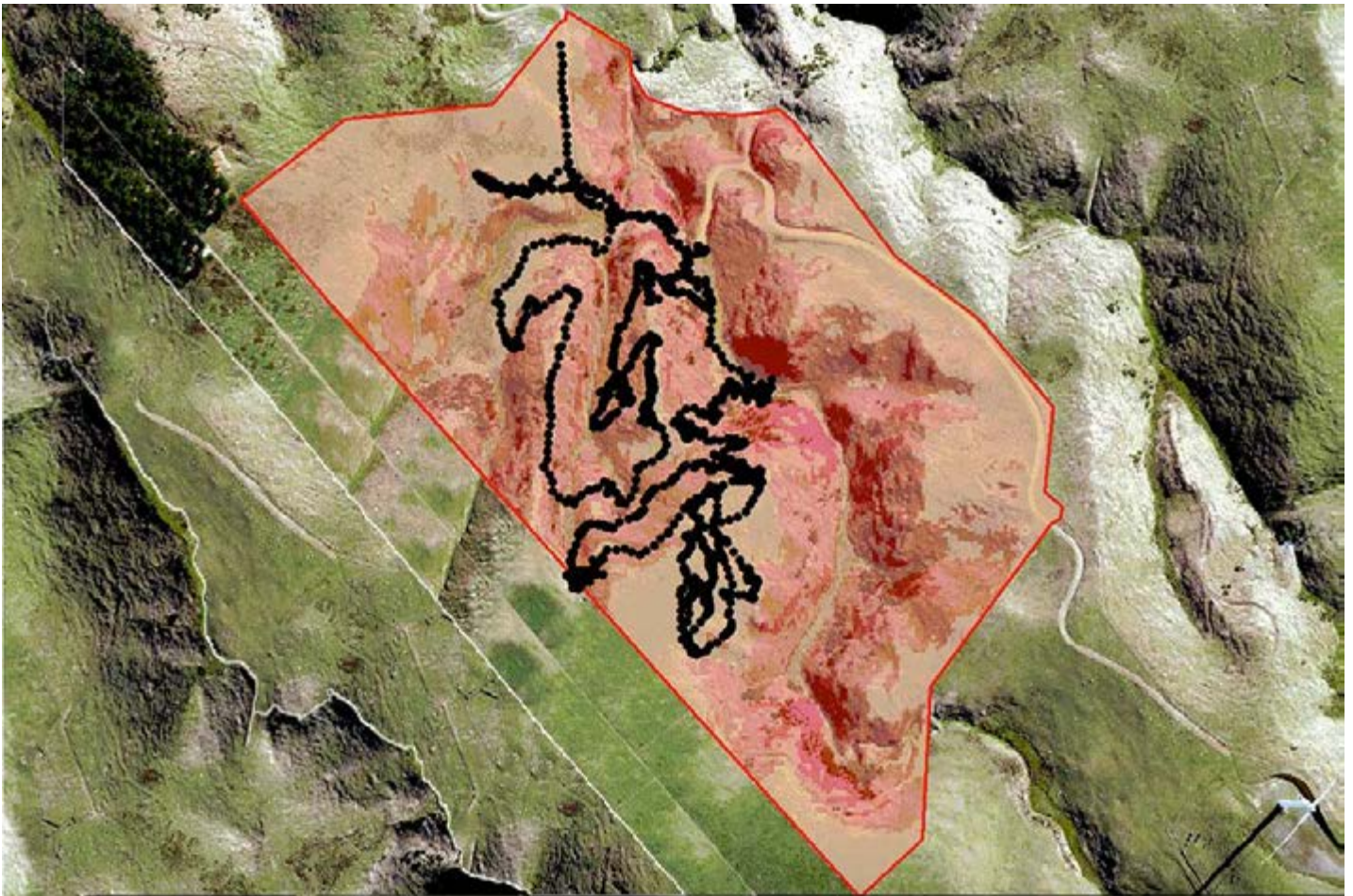
Wildbase Recovery Community Trust is a Charitable Trust tasked with raising funds, which will be granted to Palmerston North City Council for the sole purpose of building, operating and maintaining this community-funded wildlife recovery centre. In a unique collaboration, Wildbase Recovery will be built and owned by Palmerston North City Council and co-managed by Massey University's Veterinary School.

Date: 25/08/2015

Type: University News

Categories: Home Page article; College of Sciences; Massey Foundation; School of Veterinary Science; Wildlife Ward

Cow GPS aids sustainable grazing research



A still image from a timelapse of a single beef cow grazing on hill country.

Scientists from Massey University have confirmed what farmers have known for years – cows do not like to walk uphill.

The research is part of an ongoing project funded by Beef + Lamb New Zealand to investigate more sustainable farming practices for managing beef cows on hill country and around waterways.

Dr Rebecca Hickson, Dr Ina Draganova and Professor Steve Morris monitored Angus, Angus cross Friesian and Angus cross Jersey cows over two consecutive winters at Massey University's Tuapaka farm (part of the Massey University Agricultural Experiment Station) to get baseline measures of how the beef cows used the 8 to 12 ha paddocks.

The research found that, even in extensive hill country paddocks, cows avoided walking uphill. Of the 3 kilometres they walked each day, less than 300 metres was uphill. Instead the cows followed the contours of the hills and concentrated their grazing on the flatter areas. The movement of the cows was largely unaffected by cold, wet weather.

Despite this energy-saving pattern of movement, maintenance requirements of the cows increased by about 15 per cent to meet their energy needs for walking. This reinforced existing estimates of feed requirements used for beef cows grazing in hill country.

The team say this research confirms what farmers already know about feed requirements and grazing habits but gives them a baseline measure to work with. From here, the researchers will be manipulating where cows are fed supplements to see if this encourages them to use different areas of the pasture.



A timelapse of a single beef cow grazing on hill country.

Date: 26/08/2015

Type: Research

Categories: Home Page article; Agricultural Experiment Station; College of Sciences; Enviromental issues; Explore - Agriculture/Horticulture

Using culture to empower students



Participants in the 2015 Aganu'u: My Cultural Space programme.

A new programme for schools is empowering students to use their own cultural identity to rise above negative stereotypes that unfairly mark them as underachievers.

Aganu'u: My Cultural Space was designed at Massey University to encourage Pasifika secondary school students to recognise their cultural identity as a positive force, despite the discouraging Pacific Island perceptions that surround them.

Forty-eight students from schools around Auckland had two separate days on Massey's Auckland campus to allow them to explore their culture and what it means to them.

National Pasifika recruitment advisor Faye Hunt-loane says she was amazed at the resilience of the teens. "No matter what was going on in their lives or in their homes they were incredibly strong and I don't think they realise that strength is their advantage."

Education the key to overcoming stereotypes

Guest speaker Dr Jioji Ravulo, a senior lecturer at the School of Social Sciences & Psychology at the University of Western Sydney, shared his journey to overcome pre-conceived ideas that had him pinned as fat and lazy with big hair. "I knew I had to overcome these stereotypes and I knew education was the key. If I can do it – you can do it."

The combination of workshops and speakers ended with the students presenting their ideas on identity, culture and their dreams for the future.

Massey Pasifika recruitment advisor Andrew Wilson says the honesty and passion of the students was incredible.

“I was amazed at how many were driven by a desire to give back to their parents to make life better for them. I'm confident they now understand there are lots of us working to help them reach their dreams.”

The Aganu'u programme will be expanded next year and extended to reach Wellington schools.

Date: 26/08/2015

Type: University News

Categories: Home Page article; Pasifika

Dissecting sport management in the digital age



Associate Professor Andy Martin and Ashleigh Thompson

Two Massey University staff will next month present research at the European Association of Sport Management conference in Dublin, Ireland. The theme this year is Sport Management in the Digital Age – something Ashleigh Thompson knows a lot about.

The 28-year-old lectures in Sport Management and Coaching at Massey University, and wrote a thesis after studying the use of social media at Wimbledon as part of a case study on all four tennis Grand Slams.

Her research is one of the first studies to explore the use of social media by sport event brands, incorporating fans' perspectives. It garnered feedback from international scholars as a very unique and interesting contribution to current sport management research.

Ashleigh says her findings revealed “social media has facilitated the break-down of traditional consumer-brand barriers, allowing fans to develop an emotional connection with these sport events”.

Her presentation, entitled 'You forget they're actually a brand: Fans' perceptions of event social media usage', is based on her PhD findings. She is hoping to publish her research in the *European Journal of Sport Management* later this year.

School of Sport and Exercise Associate Professor Andy Martin supervised Ashleigh's thesis, and says, “Her work and expertise has increasingly attracted international interest.”

Mr Martin is also presenting at the 23rd annual conference. His presentation *Graduate experiences of experiential learning in sport management*, focuses on enhancing best practice in cooperative and work-integrated education.

Prior to the conference, Associate Professor Martin will be spending a week as a visiting professor at Charles University in Prague, to continue collaborative research with staff from one of Europe's oldest

faculties of physical education and sport.

For more information visit <http://www.easm2015.com/>

Date: 26/08/2015

Type: Research

Categories: College of Health

Landscapes of political and social conflict explored by Irish photographer



Paul Seawright speaks at the Peter Turner Memorial Lecture, 5.30pm-7pm Wednesday September 9, The Pit, Entrance C, Block 12 Te Ara Hihiko, Wallace St, Wellington.

Irish documentary photographer Paul Seawright, who is renowned for his abstract depictions of political and social conflict, delivers a public talk at the Massey University Wellington campus next month.

Professor Seawright will be delivering the annual Peter Turner Memorial Lecture at the College of Creative Arts on Wednesday September 9. His lecture, *Landscapes of Conflict: Photography, Society and Contested Space*, addresses his work on the conflict in Northern Ireland and how he and other artists have extended the possibilities of photographing strife in an era, he says, has been distorted by mainstream media representations.

As Professor of Photography and head of Belfast School of Art at Ulster University, Professor Seawright was commissioned by the Imperial War Museum as War Artist for Afghanistan. His work has since been exhibited in more than 20 countries.

His photographs of the theatre of war - as depicted in the internal landscape of a United States newsroom - reveal, he says, the media itself as the creator of both illusion and entertainment.

Professor Seawright's lecture will also explore the interconnecting threads that run through much of his work; from investigations of the minefields and battle sites of the Afghanistan war, to the more subtle sites of conflict found in urban environments such as the listed dwellings of sex offenders and the invisible sites of military recruitment across the United States.

The annual Peter Turner Memorial Lecture is hosted by Massey University, and each year brings to New Zealand an international photographer, theorist or historian, to discuss their work in the expanded field of contemporary documentary photography. The lecture was established in memory of the late Peter Turner, author, editor, curator and former teacher at the Wellington School of Design. Whiti o Rehua – The School of Art also offers a Masters scholarship in documentary photography in Peter Turner's name.

Paul Seawright speaks at the Peter Turner Memorial Lecture, 5.30pm-7pm Wednesday September 9, The Pit, Entrance C, Block 12 Te Ara Hihiko, Wallace St, Wellington.

Date: 27/08/2015

Type: University News

Categories: Any

Online enrolment opens for international students

From Tuesday (September 1) new international students will be able to [apply online](#) to study at Massey University.

The online page will simplify and speed up the previous paper-based application for new international undergraduate and postgraduate students.

One exception is those applying to study doctoral degrees will continue to use this [application form](#).

A new portal is being trialled to enable education agents to apply online on behalf of their clients. Full rollout of this service will occur next year. In the interim, most agents will continue to use the [manual application form](#). There is no change to the process for college or Mobility partners.

Colleges and departments are urged to check if their webpages need updating before Tuesday, so international students are directed to the new enrolment page when this goes live. Changes to the main university webpages will be applied then.

Date: 27/08/2015

Type: Internal Communication

Categories: Any

Maths researcher honoured at Cook Islands' 50th



Education leader Associate Professor Bobbie Hunter (far right) at the Cook Islands' celebration marking 50 years of independence

Leading Massey University maths educator Associate Professor Bobbie Hunter has received a special award recognising excellence in her field from the Cook Islands' government, which marked its 50th anniversary of self-government last weekend.

Dr Hunter, who has pioneered an innovative, culturally tailored teaching model to address mathematics underachievement among Pasifika and Māori pupils, was one of 19 Cook Islanders to receive an Acknowledgement of Excellence at the Kia Rapa Tu Taku 'Oe event in Wellington.

She and two others, Dr Marjorie Crocombe and Dr Jon Jonassen, were recognised by the Hon Henry Puna, Prime Minister of the Cook Islands, for their achievements in education leadership at the event, hosted by the Cook Islands' High Commission.

Dr Hunter, who is from Manihiki Island in the Cooks' Northern group and Aitutaki Island further south, says she is delighted to be recognised by her own country. Her 89-year-old mother, Eileen Cavanagh, who she credits with inspiring an early interest in mathematics through making geometric fabric patterns for the traditional tivaevae quilts, was at the event. Dr Hunter says the highlight of the night was when her mother did a spontaneous hula on stage to the beat of traditional drums as she received her award.

Recipients were chosen on the basis of their international or national achievements, and recognised as past, current or emerging leaders/experts in their field.

Cultural content to make maths learning more relevant

In Dr Hunter's 'communities of mathematical inquiry' approach – dubbed 'Bobbie maths' – primary pupils work together to unravel a problem. And instead of defaulting to Western examples when applying

mathematical concepts, they might refer to the weight of a taro, or dimensions of a tapa cloth. The approach is a major factor in breaking down barriers that inhibit many from engaging and achieving in mathematics.

Last year, the Ministry of Education allocated \$1.5m to enable her to continue refining the model, evaluate its success and to provide professional development to 140 more teachers in 16 South Auckland schools, as well as in Porirua. Her aim is to see teachers in low decile schools across the country using the model, which she developed for her PhD five years ago.

Dr Hunter, who is based at the Institute of Education at the Auckland campus, is in demand to share her teachings at home and worldwide, from Singapore and Hawa'ii to Canada and the United Kingdom. Education ministries in the Cook Islands and Samoa – where pupils also struggle with a mathematics curriculum based on the New Zealand numeracy programme – are showing interest, she says.

Cook Islanders' success in diverse fields recognised

Cook Islanders successful globally in a range of fields including the creative arts, enterprise, education, health and wellbeing, and leadership were also recognised at Kia Rapa Tu Taku 'Oe, which translates as “Let my paddle help my waka move forward in positive ways.”

The High Commission plans to host the event every two years, and to collate the profiles of those recognised in a special publication.

Cook Islands' Deputy High Commissioner Tapaeru Herrmann says; “2015 being the 50th year of the Cook Islands relationship of free association with New Zealand provides a platform upon which to not only celebrate 50 years, but chart a course of development for Cook Islanders globally for the next 50 years.”

“The role of professionals and experts like Dr Hunter will be instrumental in supporting the development of the Cook Islands and Cook Islanders globally.”

Around 65,000 of the total 100,000 Cook Island population lives in New Zealand, leaving 16,000 in the Cook Islands and the remainder in Australia and other countries.

Caption: Associate Professor Bobbie Hunter (far right) pictured at the event with (from left) Amanda Pauka (Executive Secretary to the Prime Minister); Roseline Blake (Consul General for the Cook Islands to New Zealand); Mathew Gifford of Musical Island Boys (one of the performers of the evening); Deputy High Commissioner Tapaeru Herrmann, and sponsor Kirikaiahi Mahutariki, of Kahui Legal. (Photo courtesy of the Cook Islands' government).

Date: 28/08/2015

Type: University News

Categories: Awards and appointments; College of Education; College of Humanities & Social Sciences; International; Teaching; Uni News

New Zealand's healthcare system needs a check-up



Professor Paul McDonald speaking during the Auckland leg of his nationwide tour.

More than 500 people turned out to hear Massey University Professor Paul McDonald's thoughts on New Zealand's health and healthcare challenges during his nationwide speaking tour.

The Pro Vice-Chancellor of the College of Health embarked on a six city speaking tour visiting Auckland, Wellington, Christchurch, New Plymouth, Hawke's Bay and Palmerston North.

Professor McDonald is calling for a rethink of our health system as New Zealand and the world urgently looks for solutions on how to more efficiently treat and prevent chronic illness, keep seniors healthy, improve worldwide nutrition, reduce health and income inequity and repel infectious disease.

Hundreds of Massey alumni, health professionals and students took up the challenge and joined the discussion.

Professor McDonald says: "It was wonderful to meet our alumni and learn how they are making an impact. It was a great opportunity to introduce them to the College of Health and show them how it is shaping the new New Zealand and taking the best of New Zealand to the rest of the world."

A blueprint for change

Professor McDonald says there are viable, evidence-informed alternatives for dealing with the country's future health and healthcare challenges:

- Stop thinking of health as a set of medical challenges that have social and economic consequences. Instead, approach health (physical, emotional, spiritual, social) as a set of social, economic, political,

cultural, and educational challenges (and opportunities), which sometimes produce medical consequences.

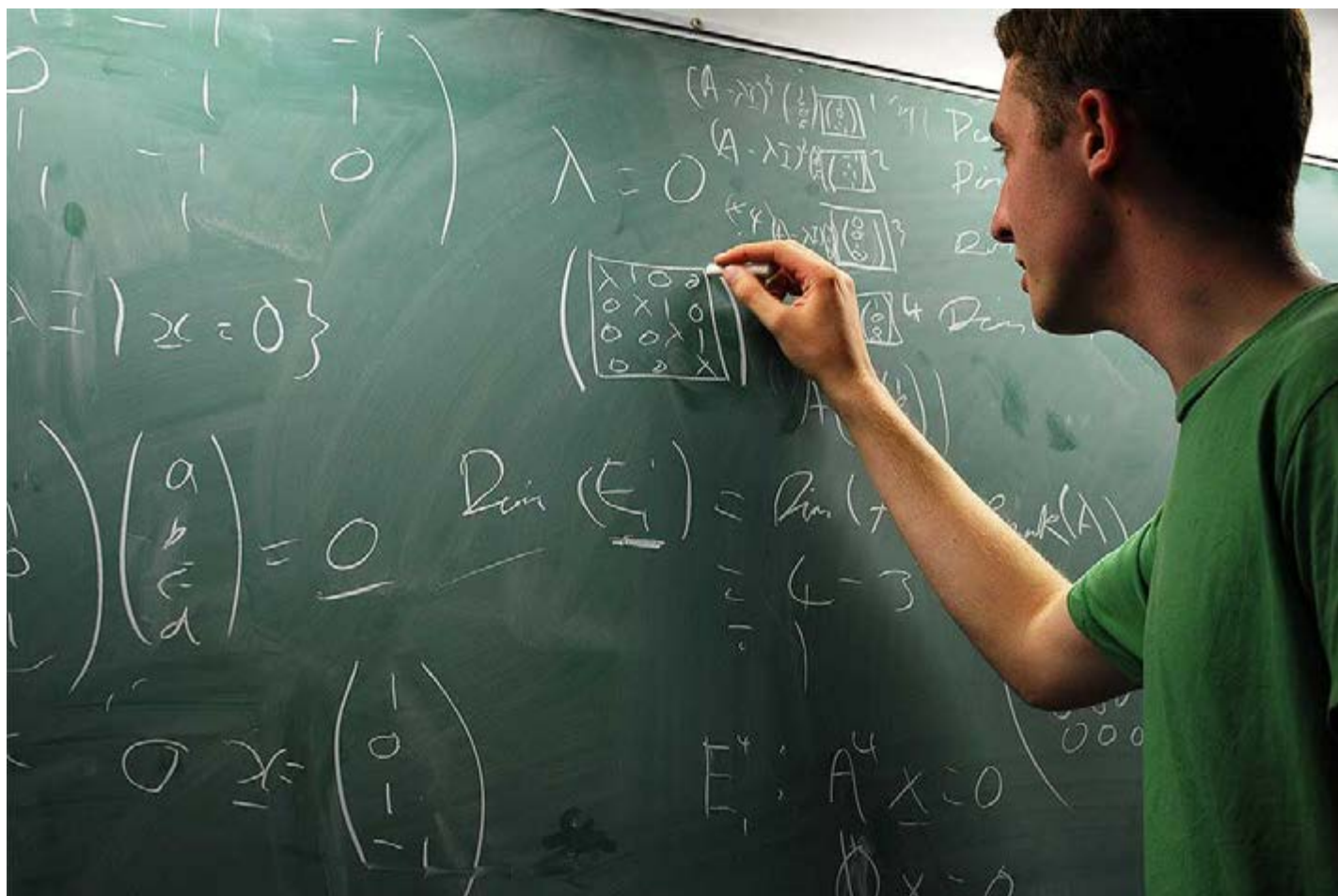
- Reduce poverty and increase social connectivity and inclusion – because it is good for health and the economy.
- Stop blaming seniors for rising healthcare costs when the problem is largely caused by an ill-equipped health system being asked to deal with chronic conditions such as diabetes, asthma, and dementia.
- Put more emphasis on, and funding into, disease prevention at a population and policy level, rather than through acute and primary care.
- Protect health-enabling measures within international trade agreements.
- Support healthy ageing by rethinking the design and accessibility of houses, transport, food, education, recreation, and complex care for seniors.
- Protect dignity and autonomy at end-of-life, including more advanced care planning and hospice care.
- Increase public and private sector investment to make New Zealand food the most nutritious and environmentally sustainable in the world – a goal that will improve health as well as long-term exports.
- Increase investment and research to track and fight infectious disease through microbiological innovations.

Date: 28/08/2015

Type: University News

Categories: Alumni; College of Health

Workshops for NCEA scholarship success



A College of Sciences initiative has led to senior secondary school pupils receiving an introduction to tertiary education with the support of Massey University lecturers. Photo courtesy of Stuart Pilbrow (Creative Commons)

Massey University lecturers have this week met with senior pupils from secondary schools around the lower North Island to provide expert guidance on sitting National Certificate of Educational Achievement Scholarship level exams.

The scheme is an initiative of the College of Sciences which aims to connect pupils with internationally renowned chemistry, biology, physics, calculus and statistics lecturers and, ultimately, to encourage the pupils to study these subjects beyond secondary school.

The workshops, which ran from Wednesday to Friday, provided pupils with skills such as higher-level thinking, knowing which school achievement standards to take to prepare for scholarship, methods for approaching scholarship level problems, problem solving and understanding the terminology.

Mathematics lecturer Dr Cami Sawyer said the workshops are about preparing for scholarship level examinations, but also provide broader skills.

“We hope to help students learn how to approach questions at the scholarship level as well as get a bigger picture of the world of each science subject and how they interconnect. It’s this interconnectivity that is vital thinking for university-level subjects.”

New Plymouth Girls High School pupil, Phoebe Livingston, said she wanted to give herself the best possible chance at completing scholarship level calculus and carrying this forward to university.

“There’s a big jump between NCEA level three and scholarship level” Miss Livingston says. “Scholarship requires such a completely different understanding of the subject. It’s more, you get a problem and you have to figure out the best way to solve it. That’s something that’s very like real life.”

Date: 28/08/2015

Type: University News

Categories: College of Education; College of Sciences; FutureNZ Education; National; Scholarships; Teaching

Spirituality on the psychology map



Dr Natasha Tassell-Matamua and Dr Karen Frewin

Spiritual experiences are not often talked about in psychology. But two Massey University researchers are looking to change that.

Psychology lecturer and international near-death experience expert Dr Natasha Tassell-Matamua and Dr Karen Frewin, a registered psychologist and senior lecturer in counselling and guidance at Massey's Institute of Education, have just launched a national study investigating spiritually-transformative experiences.

What is a spiritual experience?

Dr Tassell-Matamua defines such experiences as “any subjective psychological occurrence that provides the individual with the perception of transcendence” and that contradicts materialist models of reality.

Near-death experiences (NDEs), near-death-like experiences (NDLEs), out-of-body experiences (OBEs), meditation experiences, kundalini, and peak experiences, are just some phenomena that could be categorised as spiritually transformative. A near-death experience can encompass a subjective sense of leaving the body, travelling down a tunnel, meeting deceased others, being absorbed in a bright light or seeing life quickly pass before you.

Near death-*like* experiences involve the same phenomena but without the physiological danger of dying, while an out-of-body experience means the person feels their conscious being has separated from their body. Kundalini – achieved through yogic meditation – involves an intense sensation of energy moving up the spine and an accompanying feeling of awakening or enlightenment, and peak experience refers to a heightened feeling of one-ness, connection, timelessness or transcendence.

“What we do know is that often these experiences precipitate a variety of life changes and pervasive psychological shifts in those who have them,” says Dr Frewin. “Positive implications can include increased

quality of life and perceived well-being. Often a greater sense of spirituality is also a consequence.”

Spiritual element in many people's lives

Research suggests the majority of people, at least in Western cultures, place personal importance on spirituality, with many indicating they have had at least one 'spiritual experience' in their lifetime.

“One of the issues people often face is integrating the experience into their life”, says Dr Frewin. “Because of the unusual nature of spiritual experiences, some people may find them difficult to differentiate from some mental illnesses, which leaves them wondering whether they are 'crazy' after having such an unusual experience.”

Dr Frewin states despite the difficulty some people have with understanding the experience, the beneficial changes that can occur for many indicate they could serve a positive psychological function, and have implications for psychotherapy and understandings of anomalous phenomena.

“We are interested in finding out who has these experiences, how they are described, and the ways people who have them integrate them into their lives”, says Dr Tassell-Matamua.

“The positive and negative implications are of equal importance to us. We want to gain a snapshot of how ordinary New Zealanders view spiritual experiences and how they are transformed by them.”

Gap in psychologists' understanding of spiritual experiences

Current research suggests many health practitioners, including psychologists, endorse the role of spirituality in mental health, but many lack the competence and training to respond to clients reporting concerns of a spiritual nature.

Dr Frewin believes the study will provide a foundation for addressing competency requirements of mental health practitioners in New Zealand, as they relate to spirituality in general, and spiritually transformative experiences in particular.

The researchers are currently recruiting New Zealanders aged 18 and over who think they may have had a spiritually transformative experience and want to participate in the research, through an online survey: [Survey on Spiritually Transformative Experiences](#).

Date: 28/08/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Research; School of Psychology; Uni News

Himalayan challenge a dream for BA grad



Nick Allen training at the Massey University Recreation Centre days before heading for the Himalayas

[Watch the ONE News video](#)

When BA graduate Nick Allen was diagnosed with multiple sclerosis (MS) five years ago, he felt his life was practically over. Five years on, he is out of his mobility chair, super-fit and on a mission to climb Himalayan peaks for his campaign to raise awareness – and funds – to help other MS sufferers follow their dreams.

The Massey University student departs September 1 on an epic two-month journey to India and Nepal with backpack and climbing equipment, ready to tackle several peaks – including one over 6000m.

Now 30, Mr Allen's fit, healthy and positive demeanour today is in stark contrast to his health status in his mid-twenties when he was first diagnosed with Primary Progressive Multiple Sclerosis.

“By that point, I was dependent on a motorised chair to get me around,” he says. “I was unable to walk on any uneven surface because of poor balance, and I couldn't walk for more the five or ten minutes at a time, due to the fatigue. Mountains began to represent the impossible and insurmountable, a failed dream.”

After 18 months of depression and suicidal thoughts resulting from a sense of hopelessness, he decided, with the support of his parents, Peter and Alex, to get in touch with a physical therapist and specialist trainer. He researched and adopted strategies from the Overcoming Multiple Sclerosis (OMS) programme. This involved making radical dietary changes, adopting a careful programme of exercise and gradually began to regain his strength.



Nick Allen climbing in the Nelson Lakes this year

Life-changing exercise and diet

It might sound a simplistic summary of success but it was tough, he says. Now, several years of intensive exercising and sticking to a special diet, underpinned by his extraordinary tenacity, have enabled him to do the unthinkable – not just move without wheels but to climb mountains.

His training has been through Massey's School of Sport and Exercise, which has a special agreement with the local Multiple Sclerosis society and where final-year students are given an MS patient to work with and rehabilitate.

Mr Allen signed up for the scheme, which has been running for a few years, and was allocated student Liam Barendsen. "He has been just amazing and has worked with me since the beginning of the year," Mr Allen says. "Together we've made a great deal of progress. Sport and Exercise have been a massive help in getting me ready for the trip."

Training involves a mix of running for cardio fitness, as well strength and weight training at the University's Manawatū campus Recreation Centre. He's also been climbing in the South Island in recent months though to date, the North Island's Mt Ruapehu – at 2797m – is the tallest peak he has climbed.

During his two-month trip in September and October, he aims to surpass that height, with plans to climb the Himalayan Peaks of Stok Kangri (6,153m) and Hampta Pass (4,300m) in India, and in Nepal, Island Peak (6,189m) and Gokyo Ri (5,357m).



Nick Allen and his trainer Liam Barendsen at the Massey University Recreation Centre.

Nutritious fare vital for reaching peaks

From food supplies to physical training, preparations have been rigorous for the formidable challenges ahead. He's cooked gluten and dairy-free dehydrated meals packed with the nutrients and energy he needs to reach those summits and – critically – keep his body warm at high altitudes.

Curries, spaghetti bolognese, beef bourguignon and Mexican dishes had to be slow-cooked, dried, processed, powdered and vacuum-packed, a laborious task taking several days of toil in the kitchen. He's grateful too, for the dark chocolate and drinking chocolate supplies donated by Whittaker's and Avalanche.

Mr Allen is fully aware of the risks and hazards he faces. With his MS diagnosis, he has to take extreme care that he eats well to avoid a relapse. Sleep is also critical, and get enough in freezing altitudes will be a challenge.

However, he's not dwelling on possible setbacks. He's doing what he yearned to do since he gazed at a map of Mt Everest on the wall of his bedroom as youngster and imagined being there.

Raising awareness of life with MS

He says his MS diagnosis – and his battle to overcome it – means he takes nothing in life for granted. His charitable trust, Mastering Mountains, is the platform for sharing his trek to the Himalayas and – he hopes – one that will inspire others with MS to know that the condition is not a death sentence and can be managed.

Originally from Auckland, Mr Allen lives in Palmerston North, where he is close to the Ruahine and Tararua Ranges for climbing or tramping. When he's not out in nature or studying, he works at [Macpac](#) Palmerston North.

Explorations of the intellect and imagination with the BA

His discovery of a love of studying humanities subjects – especially English, creative writing, history and philosophy – has also led to him appearing in a new marketing campaign just launched to promote the BA –

a degree he genuinely champions.

Despite the physical and mental fatigue during the early years following diagnosis, he completed a BA (Honours) two years ago, with the help of disability support services at the Manawatū campus. Prior to that, he began an engineering degree in the United States and worked as an engineer for a while until illness forced him to take a step back.

He completed his BA (Honours) year exploring concepts of memory, justice and reconciliation in the biography of South African Anglican cleric, Nobel Peace Prize winner and anti-apartheid activist Desmond Tutu.

What he really valued was being able to integrate several disciplines – English, history, philosophy, politics and political philosophy – in his research and learning. It was both “thrilling and enriching”.

“I’m very passionate about the BA now. You get to see the world in a whole lot of new ways,” he says. “You discover new ways of thinking about and understanding things. And you realise there is a lifetime of learning ahead.”

He is devoting all his energy to his Himalayan adventure this year. And in 2016 he’ll launch into high-altitude academia for a PhD comparing South African and New Zealand literature to investigate the mechanisms of ethical reconciliation.

Mr Allen will be blogging throughout his trip, and will have a GPS tracker so supporters can follow his progress. Check his [Mastering Mountains](#) website, and related [Facebook](#) page, and follow him on Twitter [#nzernick](#)

Date: 30/08/2015

Type: Features

Categories: Home Page article; College of Health; College of Humanities & Social Sciences; Explore - HEALTH; Feature; Sport and recreation; Video Multimedia

Research forges connections with Ngāti Whātua



Dr Lily George speaks to seminar attendees at Tumutumuwhenua at Ōrākei.

A seminar featuring two Massey University research projects has launched a new kind of collaboration between the University and Ngāti Whātua Ōrākei. The Massey senior leadership team met with the hapū earlier this year and gave an undertaking to build on the relationship. The research seminar is the first in what's hoped to be a series of shared events.

Despite lashing rain a solid crowd gathered under the ornate roof of Tumutumuwhenua at Ōrākei to hear Dr Lily George, a senior research officer with the Māori Directorate and Belinda Borell, a researcher at the Whāriki Research Centre, share their research findings.

Dr George's postdoctoral research called *Ngā ara hou: New pathways toward whānau ora for Māori women with experiences of incarceration* was built on her interviews with wāhine who'd been in jail or had whanau in jail. Māori women now constitute more than 60% of the female prison population and are the fastest growing prison population – 297% growth between 1986 and 2009.

Dr George's work focused on the common background of trauma experienced by the wāhine and how historical trauma theory could be used to facilitate healing. The next stage will be a collaborative project with the Grace Foundation in South Auckland, that works with those coming out of prison, to help put Dr George's reintegration framework *Ngā ara hou* into action.

Belinda Borell discussed her study, *It's All Good in the Hood: Embracing Māori Cultural Diversity*. It delved into what being Māori means to young people in South Auckland and she challenged the audience to reconsider their preconceived ideas around how we define Māori.

Ms Borell's research showed most young people were influenced by societal perspectives that Pākehā culture is the norm and they are defined by the stereotypes around being Māori. "You never hear a Pākehā being asked to justify how Pākehā are you but Māori are all the time?" Her next research project will look at the opposite side of the coin, white privilege.

Date: 01/09/2015

Type: Research

Categories: Maori

2600 prospects flock to Open Days



Students at the sunny Wellington Open Day last week.

This year's Open Days have been hailed as among the most successful ever, with more than 2600 prospective students visiting the three campuses.

The turnout at Manawatū, on August 5, was the largest, at 1198; at Auckland, on August 15 (a Saturday), 670 prospective students registered and attended; and at Wellington, last Friday, there were 762. The total attendance is 9 per cent higher than last year's and was swelled by friends, family members and some students who made last-minute decisions to attend without pre-registering.

Vice-Chancellor Steve Maharey described the campuses as "humming". He thanked staff for the work they put in with prospective students and their families, saying their efforts were greatly appreciated.

Open Days are an opportunity to showcase the programmes, facilities, lecturers, culture and flair of each of the university's three campuses, while providing a similar visitor experience across all three.

They also showcased aspects of Massey University's *Shaping the Nation – Road to 2025* strategy; of a university that defines the nation and its future and supports its students and graduates to take the best of New Zealand to the world.

Highlights may be viewed on videos from each campus:



Wellington Open Day 2015 | Massey University



Date: 01/09/2015

Type: University News

Categories: Home Page article; Auckland; National; Open day Auckland; Open day Palmerston North; Open day Wellington; Palmerston North; Wellington

Wellington SPCA 'undermining' native wildlife



Associate Professor Brett Gartrell says the "trap, neuter and release" cat policy threatens native wildlife.

A leading wildlife veterinarian says the Wellington branch of the SPCA is undermining the national organisation's credibility with a "trap, neuter and release" cat policy that threatens native wildlife.

Associate Professor Brett Gartrell, the co-director of New Zealand's only dedicated wildlife hospital, Wildbase at Massey University, says the Wellington approach to wild cats runs counter to every conservation effort practiced in New Zealand.

No other branch of the Royal New Zealand Society for the Prevention of Cruelty for Animals supports of practices trapping, neutering and releasing (known as TNR) wild cats, Dr Gartrell says. He believes the Wellington SPCA is fearful of losing support of cat lovers who encourage and feed wild cats, who in turn maim and kill native birds.

Dr Gartrell has taken issue with the views of Wellington SPCA chief executive Iain Torrance, who said the SPCA's position should not be challenged because it is the "only approved organisation in our community outside of Government enforcing the Animal Welfare Act 1999".

Dr Gartrell argues Mr Torrance's view of animal welfare is heavily biased towards domestic pets and fails to recognise the damage that introduced predators continue to do to New Zealand's fauna. A recent review of the scientific literature around TNR programmes by the New Zealand Veterinary Association concluded that TNR was not suitable for New Zealand, he says.

"The cats the SPCA is using TNR for are not domestic pets; they are wild cats, escaped or lost pets, some of which are being fed by well-intentioned but misguided animal lovers. If TNR programmes really worked for the control of predators like cats, then shouldn't the SPCA also be supporting similar programmes for ferrets, stoats, weasels and possums?"

“The ecological literature is unanimous that the introduction of mammalian predators to New Zealand has been the single greatest factor in the decline of native fauna in recent history. Cats have been clearly documented as a predator of native birds, reptiles and invertebrates within New Zealand. Cats have been implicated in the decline of native biodiversity and cause the death of millions of wild animals internationally every year.”

He says neutered cats are just as deadly as un-neutered cats, so the TNR programme is useless in this sense.

“As wildlife veterinarians, my colleagues and I, at Wildbase Hospital regularly treat native birds that have been attacked by a variety of predators, including cats. Most victims though don't survive long enough to be treated and Wildbase Pathology has carried out many post mortems on native wildlife killed by cats.”

An [article by Iain Torrance](#) was published by Fairfax in response to an [article by Gareth Morgan and Geoff Simmons](#).

A Radio New Zealand interview with Associate Professor Gartrell can be heard [here](#).

Kiwi meets cat | Massey University



Date: 01/09/2015

Type: University News

Categories: Home Page article; College of Sciences; Environmental issues; National; Opinion Piece; School of Veterinary Science; Wildlife Ward

Five common money mistakes



Dr Pushpa Wood says not enough people keep track of their spending.

As the director of the Westpac Massey Fin-Ed Centre, Dr Pushpa Wood has seen it all when it comes to bad money management. To mark Money Week 2015, she has compiled her list of the most common pitfalls to avoid.

1. Overestimating their ability to manage money

It never ceases to amaze me how overconfident some people can be when it comes to money management. They think they have control over their finances, but can't answer these basic questions: "How much savings do you have right now?"; "What is your weekly/monthly budget for non-essential items?"; and "If anything were to happen to you tomorrow, will your family be able to manage financially?" Until these questions are answered, people really have no idea how healthy their finances are.

2. Not keeping track of their money

It is easy to form a habit of buying a coffee in the morning or a couple of drinks a few times a week. Before you know it, these "few small items" mean your wallet is \$30 to \$50 lighter! Many people have no idea how much they spend on unplanned items. Keeping track of your money for a few weeks can provide a lot of insight into your spending habits. There are many online tools and phone apps available to help, so there really is no excuse. And if you are old fashioned like me, then a B5 notebook in your handbag is just as effective!

3. Justifying 'wants' as 'needs'

I am always at a loss for words when I hear things like: "I really needed that nice pair of trousers or shoes", or "I really need the iPhone 6+. Everyone else in my group has one." The best excuse I heard recently was,

“I need to keep myself equipped with all the latest technology so I can keep up with my friends overseas. That's what credit cards are for, right?”

4. Making big money decisions without any research

I still regularly come across people who have sent money overseas after being targeted by scammers. They want to help someone in trouble, or to become rich quickly, or they might fall in love online and get duped into selling their assets and following their “true love” across the world. As the saying goes: “If it sounds too good to be true, it probably is!”

5. Ignoring the true cost of borrowing

Yes, it may sound like a fantastic deal when you can buy a large screen TV, interest-free for 15 months. How can you possibly not go for it – especially if you are a rugby fan? But in the excitement of watching the World Cup, people often forget to consider the true cost of borrowing. Be mindful of extra costs like set-up fees, administration charges, insurance, late payment fees if it is not paid off within 15 months, and interest rates once you come off the interest-free period. Is the deal really that good?

Date: 02/09/2015

Type: Features

Categories: College of Business; Fin-Ed

Double flag design success for alumnus



Caption: Kyle Lockwood's two flag designs that use identical templates with respective black and red colouring in the upper left corner.

Massey University alumnus Kyle Lockwood's designs feature on two of the four short-listed alternative flag options unveiled by the Flag Consideration Panel.

This means that his designs have a 50 per cent chance of being chosen in a public vote on the short-list later this year, to stand alongside the existing New Zealand flag in a final referendum in March 2016.

Now based in Melbourne, Mr Lockwood graduated from Massey in 2002 with a Diploma in Draughting and Architecture.

He first submitted a variation of his design to a local newspaper competition a couple of years later.

His two designs, which use identical templates with different colours, feature the silver fern and Southern Cross on blue backgrounds with respective black and red in the upper left corner.

Mr Lockwood says the silver fern as an element of indigenous flora represents the growth of New Zealand while its multiple points represents the country's peaceful multicultural society. The Southern Cross is a tribute to the existing flag, and the stars are the island groups – North, South, Stewart and Chatham Islands.



The blue hints at the Pacific Ocean while the red is a distinctive Māori colour as well as a mark of sacrifice during wartime.

Date: 02/09/2015

Type: Awards and Appointments

Categories: Home Page article; Creative Arts; National; Wellington

Language week puts spotlight on Tongan arts



Nursing lecturer Dr Sione Vaka, Reverend Paul Lata, Professor Paul Mc Donald, Dr Malakai Koloamatangi at the library exhibition.

While many recognise the contribution Tongan sportsmen make to New Zealand, Tongan Language Week highlights the part Tongan artists play. *Fakakoloa Aotearoa 'aki 'a e faiva 'a e Tonga – Enriching Aotearoa New Zealand with Tongan Arts* is the theme this year and Massey University is getting behind the initiative with displays of Tongan art at the Auckland campus library. The exhibition, which features both traditional crafts and modern art, was opened on Monday night with a special ceremony paying tribute to the arts.

Pro Vice-Chancellor of the College of Health, Professor Paul McDonald urged the guests to treasure language.

“Language is the foundation of culture and we have to continue to rejoice in cultural diversity,” he said. “We really value the Tongan Community and what they bring here at Massey.”

Director-Pasifika Dr Malakai Koloamatangi said the arts were a vehicle to encourage the Tongan language, which he said was in decline.

“It's sad to see that only half the Tongan community here speak fluent Tongan,” he said.

Language and arts 'expands horizons'

Dr Koloamatangi says children should be encouraged into the arts, which expands horizons and help us see things in a different way.

Artist Dagmar Dyck thanked the Directorate for honouring artists but also challenged the university.

“I notice the Samoan and Cook Island art hanging here. Perhaps Massey University could increase their collection with some Tongan Art?”

The evening also paid tribute to reluctant artist Bruce Alexander who, in 1957, went to Tonga to do the first large-scale land survey. While he says he's just a surveyor, the hundreds of photos he and his team took now provide a valuable snapshot of life in Tonga at the time. The photos have been published in a new book *100 Fathoms Square*.

The ceremony concluded with a traditional Taulunga dance and a meal including suckling pig, both firsts for the library.

Date: 02/09/2015

Type: University News

Categories: Home Page article; Pasifika

Massey University researchers congratulated



Professor Brigid Heywood speaking at the Albany campus celebration.

Research efforts at Massey University have been celebrated at a series of events at each campus over the past week.

The Research Celebrations are to highlight the work of those who help Massey University achieve the highest standards of research and scholarship, to ensure the University is a world leader in our areas of specialisation.

Assistant Vice-Chancellor, Research Academic and Enterprise, Professor Brigid Heywood says the events are a great opportunity to make visible all the small successes that occur at Massey every day. "We have some major projects that are successful externally, but we don't always get line of sight of them."

Professor Heywood says researchers who gained external funding from competitive grants over the past two years, were celebrated and promoted.

She says in particular, the Kids in the City initiative is providing some really exciting research about children, and how to improve communities and the lives of children through research projects, by inviting them to be part of them.

Date: 03/09/2015

Type: Internal Communication

Categories: Any

Memorial for Ted Delahunty



BACK ROW: W.S. Alison, M.R. Mathews, A.F. Cameron, P. Cummins, J. Cannon, F.S.B. Hamilton, C. Young.
MIDDLE ROW: M. Sutton, Y. Van der Linden, J. Biggs, G. Narraway, C. Black, K. Alam, C. Mancer, S. Carr, C. Mathews, A. Selvaratnam, D. Coy.
FRONT ROW: D. Beed, T. Beed, E. Delahunty, D. Kerkin, P.J.C. Farron, P. Green, B. Smith, A. Leong, N. Harrington, H. Harrington.

MASSEY UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE—1986

A memorial service will be held for the late Ted Delahunty (seated, third from left) at the Manawatū campus on September 19.

Mr Delahunty was a senior lecturer in the University's School of Accounting and Finance from 1978-86 and, on his retirement, established the Delahunty Trust to provide education and research into accounting and other business activities for land-based primary industry.

He died in Hobart, Australia, on August 11. His niece and only surviving relative, Andrea Rounthwaite, requested the memorial. She says he loved his time at Massey and in his will left a further significant bequest to the Delahunty Trust, which is currently worth about \$690,000.

Former colleague Bruce Wilson says Mr Delahunty had a long career in the former Ministry of Agriculture and Fisheries as a farm adviser before studying accountancy and finance and coming to the job at Massey University. "He realised the importance to farmers of economic and financial advice. When he came to us he had that huge agricultural knowledge and background but he was also very good on the accountancy and financial side of things."

Mr Delahunty was also a keen – and successful – investor in the sharemarket, Mr Wilson says. "After he retired I visited him in Tasmania. He liked the fishing over there."

The memorial service will be at 2pm at Tiritea House. For catering purposes, if you wish to attend please email the [Massey University Foundation](#). You may also wish share photos or stories if you are unable to attend. The foundation staff would love to hear from you.

Date: 03/09/2015

Type: University News

Categories: University Council

Top tips for lambing success



Massey University's International Sheep Research Centre have conducted research for lambing success.

Massey University's International Sheep Research Centre, with funding from Beef+Lamb New Zealand and the C. Alma Baker Trust, have conducted research over the past 10 years to come up with the top tips for lambing after a hard winter to get the most out of a flock.

The harsher conditions over the winter period mean the usual target of 1200 to 1400kg of dry matter per hectare for pregnant ewes during lambing and lactation, will not be achievable for many farmers. Sheep lecturer Dr Rene Corner-Thomas says the best strategy for utilising the pasture that is available, is to prioritise stock classes. She says attention should be given to light ewes with a body condition score of 2.5 or lower. Also a priority are ewes that have multiple lambs. Of particular importance are light ewes with multiple lambs. They should be given the greatest priority, she says.

Stocking rates should match pasture growth which is usually 10 to 12 ewes per hectare, based on the amount of metabolisable energy in the grass.

Lamb survival will also be increased by choosing appropriate lambing paddocks. Dr Corner-Thomas says based on experience from previous years, farmers will intrinsically know which of their paddocks is most successful for lambing. However, choosing paddocks that are flat, with some shelter and are free of creeks and other hazards, helps.

Finally, the research centre has shown that grazing ewes on a herb mix - which includes chicory, plantain and both red and white clover – results in greater milk production and better twin and triplet lamb growth and survival to weaning. In a study of ewe hoggets that were grazed on herb pastures during lambing and lactation, the lambs grew at 360g per day from birth to weaning. In the second year of the study the lambs born on the herb mix also had better survival than lambs born on ryegrass pasture.

However, Dr Corner-Thomas says caution needs to be taken “It's not recommended to lamb ewes on the herb mix and then take them off. These herb mixes are high in calcium so any sudden shift back to ryegrass

may mean they may lack calcium, resulting in ewes going down with milk fever. So once ewes are on the herb mix they need to remain on it until after the peak of lactation” (Four weeks after birth).

If the herb mixes are not ready to graze at the start of lambing the best strategy, she says, is to put ewes on the pasture until after the peak of lactation and then allow ewes to become accustomed to the new feed slowly. Ewes should be introduced to the herb mix over a week by slowly increasing the time they are on it. The first day should be only a few hours slowly increasing the duration.

“Sheep are quite conservative grazers, so they need a while to get used to it” Dr Corner-Thomas says.

Scientists from the sheep research centre will conduct a number of trials this spring which will provide more information to farmers looking to try the herb mixes. Dr Corner-Thomas will investigate lambing twin hoggets on the herb mix, and the use of the mix to wean lambs a month earlier than normal. Dr Lydia Cranston will research the use of the herb mixes on hill country for early weaning of twin lambs.

Top tips for lambing success | Massey University



Date: 03/09/2015

Type: Research

Categories: College of Sciences; School of Veterinary Science

\$5m for Massey University ecological health researchers



A Massey University research project is aiming to improve the ecological health of Tauranga Harbour (above).

Massey University research projects aimed at improving Tauranga Harbour's ecological health and finding ways to remove nutrients from wastewater have been awarded more than \$5 million by the Ministry of Business, Innovation and Employment.

Empowering iwi, improving ecological health

Professor Murray Patterson, from the School of People, Environment and Planning, leads a project that focuses on empowering iwi and hapū to be strong partners in the co-management of estuaries in the harbour.

It will involve collecting an oral history of local iwi and hapū knowledge, gathering ecological knowledge including indicators of estuarine ecosystem health, resilience and functioning and developing a new hybrid geographic information systems model that integrates environmental, economic, cultural, land use and estuarine ecology information.

Professor Patterson says no such tool exists, resulting in piecemeal planning with sub-optimal outcomes.

“This tool will significantly improve quantitative analyses of ecological problems and solutions for estuaries. We estimate for Tauranga Harbour



Professor Murray Patterson

estuarine seagrass restoration will increase ecosystem services value by \$135 million per annum after 10 years.

“We’re also strengthening our connections with tangata whenua. Involvement in a project like this will enhance mana for the participating iwi and hapū – this is an outcome that is beyond quantification.”

The project is in partnership with the Manaaki Te Awanui Trust, the Cawthron Institute, the University of Waikato, and two companies, WakaDigital and Market Economics, along with Bremen University in Germany providing sophisticated ecological monitoring.

An additional \$2 million is being provided by end-users including from local and central government and iwi sources.

In 2009, Professor Patterson and his team were awarded \$6.6 million by the Foundation of Research, Science and Technology for the protection, restoration and enhancement of natural ecosystems along the Horowhenua coast and in Tauranga Harbour.

Treating the 'only line of defence' between wastewater and the environment



Professor Andrew Shilton

Professor Andrew Shilton, from the Institute of Engineering and Advanced Technology, and his team have been awarded \$693,000 to develop suitcase-sized modules that aim to remove harmful solids, phosphorus and nitrogen from algal waste stabilisation ponds. These ponds are often the “only defence” between wastewater and the environment.

Professor Shilton says while these ponds successfully remove most pollutants, their "Achilles heel" is they are poor at removing nutrients, like phosphorus and nitrogen, that lead to excessive weed growth.

He says operators of these stabilisation ponds, such as local councils, are caught between intense pressure by environmental regulators to upgrade treatment and a ratepayer base that struggle to fund the capital expenditure needed.

“These new modules offer an innovative, research-led solution – potentially providing a simple, low capital cost technology enabling markedly improved effluent quality and easy recycling of the nutrients back to land.

“Our environmental engineering group here at Massey University has a great team, that also includes Professor Benoit Guieysse and Dr Nicola Brown, working on many aspects of algal based environmental technologies. As we complete two three-year Marsden Funded algal projects, we look forward to the refocus from fundamental to applied research in this new Smart Ideas project in close collaboration with industry groups.”

The full announcement of this year's Science Investment Round is [here](#).

Date: 03/09/2015

Type: Awards and Appointments

Categories: Home Page article; College of Humanities & Social Sciences; College of Sciences; Environmental issues; Funding; Innovation; National

'Native Chef' aims to feed 5000



Erueti Tutaki helps feed 1500 children each day with the Feed the Need programme.

Erueti Tutaki is fast becoming one of New Zealand's most in-demand chefs, but it is what he does in his spare time that makes him a real superstar.

When he completed his Bachelor of Māori Visual Arts degree at Massey University in 2004 he didn't expect to be cooking lunches for 2800 Auckland school pupils as part of the largely volunteer-run Feed the Need programme.

Mr Tutaki (Tainui, Ngāti Rereahu, Maniapoto), who calls himself the Native Chef, specialises in cooking creative Māori dishes and teaching tourists about the traditional culinary uses – and in some cases health benefits and healing properties – of native plants.

For the past five years, every weekday for 15 weeks of winter Mr Tutaki works with Feed the Need. The programme, supported by Massey University's School of Food and Nutrition, provides hot, nutritious lunches to decile one and two school children during the colder months. He ensures the kitchen is prepped every day for the team to pump out 1500 servings that are delivered to schools.



A passion for Māori art

Growing up in a Māori community near Benneydale in the King Country, he understands the plight of vulnerable children. "My whole family saved up to get me out of the countryside and into study to pursue my art. Without that backing from those around me I don't know where I'd be today."

He had always been passionate about Māori art, but he recalls it was his time at the university's Manawatū campus where he was encouraged to think deeper about the value of Māori culture and creativity. "We have always been a creative bunch, with our techniques, our resourcefulness and how we use the kai around us. For me it was just about experimenting with different mediums and, once I changed from sculpting wood to chocolate in my final year I discovered a Maori chef inside me waiting to get out."

Feeding the need

Massey University nutrition specialist Professor Bernhard Breier and the Massey dietetics team have been working closely with Feed the Need since 2013, providing comprehensive nutritional analysis of the meals such as safe temperatures, the optimal level of ingredients to include and recommendations for future recipes.

Up to four dietetics master's students work in the kitchen one day a week as part of their studies, measuring outcomes and providing feedback on recipes to ensure the lunches are superior in nutrition and taste. The research will help the programme expand to feed 5000 children next year.

Professor Breier describes the partnership as "a wonderful opportunity" for students and researchers to learn and generate new knowledge while making a valuable community contribution. "There is a huge need, not just for nutritious food in schools, but for education about nutritious food – and that's where Massey can really make a difference."

There are three research projects under way within the Master of Science in Nutrition and Dietetics programme, involving formal assessments of the benefits of the school lunch programme that will inform future policies and programmes on how best to address the needs of our vulnerable children.

As well as working for Feed the Need and running his own freelance chef business, Mr Tutaki is also heavily involved in Australian charity initiatives. Last month he teamed up with other international chefs to fundraise 838

for the homeless in Melbourne. With the Feed the Need "winter boost" programme now wrapping up for the year, he is returning to Melbourne to help set up a major production kitchen. "I'll be teaching them everything I know, and basically getting them up to speed in terms of what we do here in New Zealand. Our goal is to set up a production kitchen that can feed 95,000 homeless in central Melbourne."

Date: 03/09/2015

Type: Features

Categories: Home Page article; Auckland; College of Creative Arts; Creative Arts; Explore - Food; Feature; Maori; School of Food and Nutrition

Soldiers' cultural education key in modern conflicts



Massey University students at the symposium: Corporal Andre Woods, Lisa White, Megan, and Lenee Jefferies with Squadron Leader Robert Nash

Weapons, tactical training and physical fitness are all part of the preparation to serve in war zones. Learning about other languages and cultures is also critical for modern armed forces, says a top New Zealand Defence Force officer, speaking at a symposium on Irregular Warfare recently.

The one-day event, organised jointly by Massey University's Centre for Defence and Security Studies and the New Zealand Army, drew together academics, students and Defence personnel at Linton Military Camp to hear about and discuss a range of issues relating to modern conflict.

Irregular warfare is...

Conflict where one or both combatants can be defined as 'irregular' rather than 'regular' or conventional armed forces. It is also termed 'guerrilla' or 'asymmetric' warfare.

Squadron Leader Robert Nash, a teaching fellow from the RNZAF based at Massey's Centre for Defence and Security Studies, coordinates a paper on irregular warfare and, with the support of Kristy Hill from the Army's Adaptive Warfighting Centre, organised the symposium.

Irregular Warfare Symposium

Thursday 27 August 2015



Colonel Grant Motley, Commander of the New Zealand Defence College, giving the keynote speech.

Languages and cultural learning needed

Education was a key theme of Commander of the New Zealand Defence Force College Colonel Grant Motley's keynote address. He told the 140-strong audience New Zealand's defence force needed to “engage more, be influential in, and knowledgeable about, the ‘human’ environment”.

“We need to progress the idea of the Army as a learning organisation, as it seems clear that in irregular warfare, the familiar but cutely adapted mantra, ‘who learns wins’ is a valuable one to keep in mind,” he said.

“Regional and country-specific knowledge of language, cultural awareness and understanding, our own cultural self-awareness, the specifics of the host nation economy, ecology and ethnic and social factors” are all key factors in effective military operations, he says.

Colonel Motley says the educational focus and profile of the Army needs to diversify. “Irregular warfare has and will continue to demand skills in anthropology, sociology, history, politics, media studies, journalism and psychology. We need to pursue this knowledge having selected the right people and then invest in them, their future and the right programmes.”

“Much of our approach to learning is largely an approach to training – dealing with anticipated events via the execution of prescribed tasks in a uniform and disciplined manner.” Education, he says, is about developing a “cognitive edge”, and an ability to deal with the unpredictable and modify what was taught in order to respond to new, unexpected challenges, Colonel Motley said.

He also spoke about political leadership, the “battle of the narrative”, and the role of communications as major challenges of irregular warfare. “We need to involve political leadership in the planning process and decision-making. We have partitioned them from that, and then wonder why and are disappointed that we weren't understood,” he said.

Conflicts of the 21st Century are “less about territory, more about values”, he says. “It's not easy to mobilise and maintain public support and understanding in the Western world for seemingly less threatening and less

obvious ideological reasons.”

Communications in irregular warfare scenarios are an “uneven playing field”, he says, but Western armed forces need to be accountable, transparent, truthful, lawful, able to admit to mistakes, and meet political and coalition expectations. However, these requirements have resulted in “centralised, reactive and slow-paced media operations in contrast to an enemy who can claim responsibility when it suits, lie when convenient, deny mistakes, operate above the law”.

Smart technology and tools of terror

The latest electronic and computer technologies used by terrorists were the focus of Centre for Defence and Security Studies teaching fellow Theo Corfiatis' presentation, *The Irregular Warrior's Toolbox – Modern Tools of War*.

Mr Corfiatis described the attention-grabbing “Kim Kardashian-factor” of 21st century irregular warfare scenarios, where a fighter “with a gun in one hand and a cell phone in the other” films and distributes live footage on social media of the destruction and carnage he is unleashing, then checks online reactions.

Electronics and smart technology – including remote controlled toys that can be bought at a toyshop – are being used “with devastating effects”, he said. Much of the information on creating devices is available via online manuals and forums, and on the Deep Web (or Invisible or Hidden Web), and uses everyday domestic items, from microwave ovens and washing machine timers to deodorant and doorbells.

Bryan Dorn, from Headquarters New Zealand Defence Force, spoke about the importance of systems thinking, or the analysis of the use of social networks and modern communications technology in the battle against irregular warriors.

Squadron Leader Nash, who completed a Master in International Security at Massey in 2013, says the symposium was a rare and important opportunity for knowledge sharing and an exchange of viewpoints between defence personnel, academics and students on issues vital to New Zealand's participation in 21st century international conflicts. He talked about how Western governments need to do more in the “battle for legitimacy” when faced with adversaries opposed to a Westernised worldview in his presentation: *Hearts and Minds – the Battle of the Narrative*.

Defence Force officers spoke of their deployment experiences and their observations of conflict in Sudan, Sinai, and Syria, and on the building partner capacity mission in Afghanistan.

Massey students who attended are studying for a Bachelor of Arts in Defence and Security Studies for a variety of reasons, from wanting to work in a humanitarian capacity in conflict zones, to working as a psychologist in the military to help soldiers with post-traumatic stress disorder.

Date: 04/09/2015

Type: Features

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Conference/Seminar; Explore - Defence and Security; Feature; Teaching; Uni News

Festival proves finance can be fun



Minister for Commerce and Consumer Affairs Paul Goldsmith, Retirement Commissioner Diane Maxwell and Massey University's Dr Jeff Stangl with 300 students from the Upper Harbour Sorted Schools Cluster.

Three hundred primary and secondary students converged on Massey University's Auckland campus yesterday to learn about money matters through a series of fun challenges. The inaugural Finance Festival was created by the Upper Harbour Sorted Schools Cluster to celebrate Money Week 2015. The event was supported by the Westpac Massey Fin-Ed Centre, the Massey Business School and the Commission for Financial Capability.

The festival was the brainchild of Massey finance lecturer Dr Jeff Stangl but dedicated teachers from the cluster designed and ran the competitions.

“The cluster is a group of teachers from primary and secondary schools in the Upper Harbour area. It's a community of shared interest that revolves around financial literacy and the incorporation of financial education into the existing curriculum,” Dr Stangl said.

“The aim is to build financial capability from a very young age and to share knowledge and spread the word within schools. Massey's proud to support in an advisory role as these teachers are doing great things for their students.”



The Project Fundway fashion parade – finance can be fun say teachers from the the Upper Harbour Sorted Schools Cluster.

Would you pay \$59 per week for 100 weeks for an iPhone 5?

In launching the festival Retirement Commissioner Diane Maxwell warned the students to not get themselves into debt at a young age.

“When you leave school there are going to be a whole lot of people who are going to offer you credit and debt. It's going to seem really exciting but, believe me, between 16 and 20 you can do an extraordinary amount of damage,” she said.

“We hope that you leave school with some smarts, that you know how to negotiate your way through a contract and you have some really good questions up your sleeves for the people lending you money or selling you things.”

The Minister for Commerce and Consumer Affairs Paul Goldsmith asked the group if they thought paying \$59 a week for 100 weeks for an iPhone 5 was a good idea.

“That's an offer I saw on a flyer in a shop in South Auckland. Do you think it's a good idea to spend \$5900 on an iPhone 5? Unfortunately a lot of people do things like that and pay way too much and get themselves into trouble,” he said. “The best thing you can do is to educate people so they don't make bad decisions in the first place.”

Westpac Massey Fin-Ed Centre director Dr Pushpa Wood challenged the students to spread the word.

“You are our future and unless we can convince you how important it is to manage your money wisely, we don't have a future as a nation,” she said. “No pressure! But have fun today and take what you learn home to your parents so you can raise awareness within your family.”



The Great Race winners from Brown's Bay Primary: Helen Wang, Dylan Glen, Anthony Prajogo and Zach Taylor.

Brown's Bay Primary triumphs in The Great Race

The festival activities were designed for three different age groups, with Year 5 and 6 primary students competing in a challenge called The Great Race. Teams had to find 10 stations and answer money-related questions correctly to win fake money.

Brown's Bay Primary School took out first and second place and their Year 6 teacher Debbie Pulman was understandably proud.

“Being part of the cluster has really opened my eyes to the importance of financial literacy, including my own financial position,” she said. “It’s wonderful to see the children learn these skills in the classroom and that often leads to discussions at home.”

Winning students Helen Wang, Anthony Prajogo, Dylan Glen and Zach Taylor all agreed the festival had been a lot of fun, as well as a good learning experience.



Project Fundway winners from Albany Junior High: Teacher Vicky Crawford (head of Albany Junior High's Business Academy), Jack Harwood, Braden Barker, Jesse Stevens and Nicolas Haines.

Fashion meets finance – and the boys rule supreme

Students in Years 7 to 10 had their financial knowledge and their creativity tested in a trade and design challenge called Project Fundway. Each team was given \$50 to spend on items to create a fashion-themed garment but, as resources were scarce, many had to trade items. The challenge ended with a runway show where each team sold the financial features of their garment.

The competition was won by an all-boy team from Albany Junior High for their Money Bot creation. Team model Braden Barker said their concept was about “terminating all debt”.

“Learning this stuff should be compulsory because we learn so much in our class,” he said. “It’s my favourite subject, even more than sport.”

Fellow team member Jesse Stevens said, “You learn about how to make money and to save money for the future so there’s a real point to it.”

Their teacher and head of the school’s Business Academy, Vicky Crawford, said teaching finance and business skills is something Albany Junior High has really embraced

“We love it, the teachers are all really passionate about it and it goes right through school. And you can see the kids enjoy it too, they think it’s fun.”



The Investment Challenge winners from Albany Junior High: Daniel Bindon, Yuuki Takahashi, Oskar Rutten and Benjamin Howard outside Massey University's Trading Room.

Young financial advisors in the making

The older students at the festival got a taste of university life with a series of short lectures on investment, including shares, mutual funds, fixed-term deposits, bonds and property.

They were then given the challenge of designing an investment portfolio for the fictional Ropati family, who had recently come into an inheritance. Albany Junior High again took top honours, despite competing against older students from other schools.

Oskar Rutten, Benjamin Howard, Yuuki Takahashi and Daniel Bindon all said they learnt a lot from the lectures, especially about mutual funds, which they included in their recommendation for the Ropati family.

"It felt great to win and it's been such a fun day," said Oskar Rutten. "We really learnt a lot too and business is something I'm keen to keep studying."

Date: 04/09/2015

Type: Features

Categories: Home Page article; College of Business; Fin-Ed

Hands-on learning for future veterinarians



The Clinical Skills Development Group practice on a cat mannequin. From left, Professor of Small Animal Surgery Dr Andrew Worth, Associate Professor and Group Leader of Companion Animal Clinical Studies Dr Jonathan Bray, Senior Veterinarian Dr Thomas Odom, Senior Lecturer in Anaesthesia Vicki Walsh, Senior Lecturer in Veterinary Professional Studies, Clinical Instruction and Equine Medicine Dr Stuart Gordon, and Clinical Instructor Patrice Palleson.

A new veterinary clinical skills laboratory that allows students to practise common veterinary procedures on dummies has opened at Massey University's Institute of Veterinary, Animal and Biomedical Sciences.

The laboratory contains multiple stations for students to practice intubation and venipuncture before working with live animals as well as learning gowning for surgery, identifying animal breeds, anaesthetic machine set-up and other everyday veterinary clinical skills.

There are two life-sized horse mannequins – one with accessible organs – as well as dog and cat models developed by Vicki Walsh, a senior lecturer in anaesthesia.

Senior veterinarian Dr Stuart Gordon initiated the laboratory after seeing similar facilities overseas. Dr Gordon says a move towards welfare-first practical learning was a key driver in establishing the laboratory.

“These new facilities allow the students to gain core clinical skills through a hands-on approach before interacting with live animals. As a world-leading veterinary school, Massey focuses on offering the best learning opportunities for future veterinarians without compromising animal welfare. These clinical skills labs represent the future of teaching and learning.”

College of Sciences Pro-Vice Chancellor Professor Ray Geor, a trained veterinarian himself, recalled a time when he practised suturing on fruit peel. “From a learning perspective this is wonderful for students. They can gain confidence in their skills in a non-threatening environment. It allows them to learn fundamental skills

so when they come to work on a patient, they have these engrained and can concentrate on the unique aspects of a patient.

The laboratory is in a temporary location but will become a permanent facility accessible to students around the clock once the upgrade of the Veterinary Teaching Hospital is completed next year.



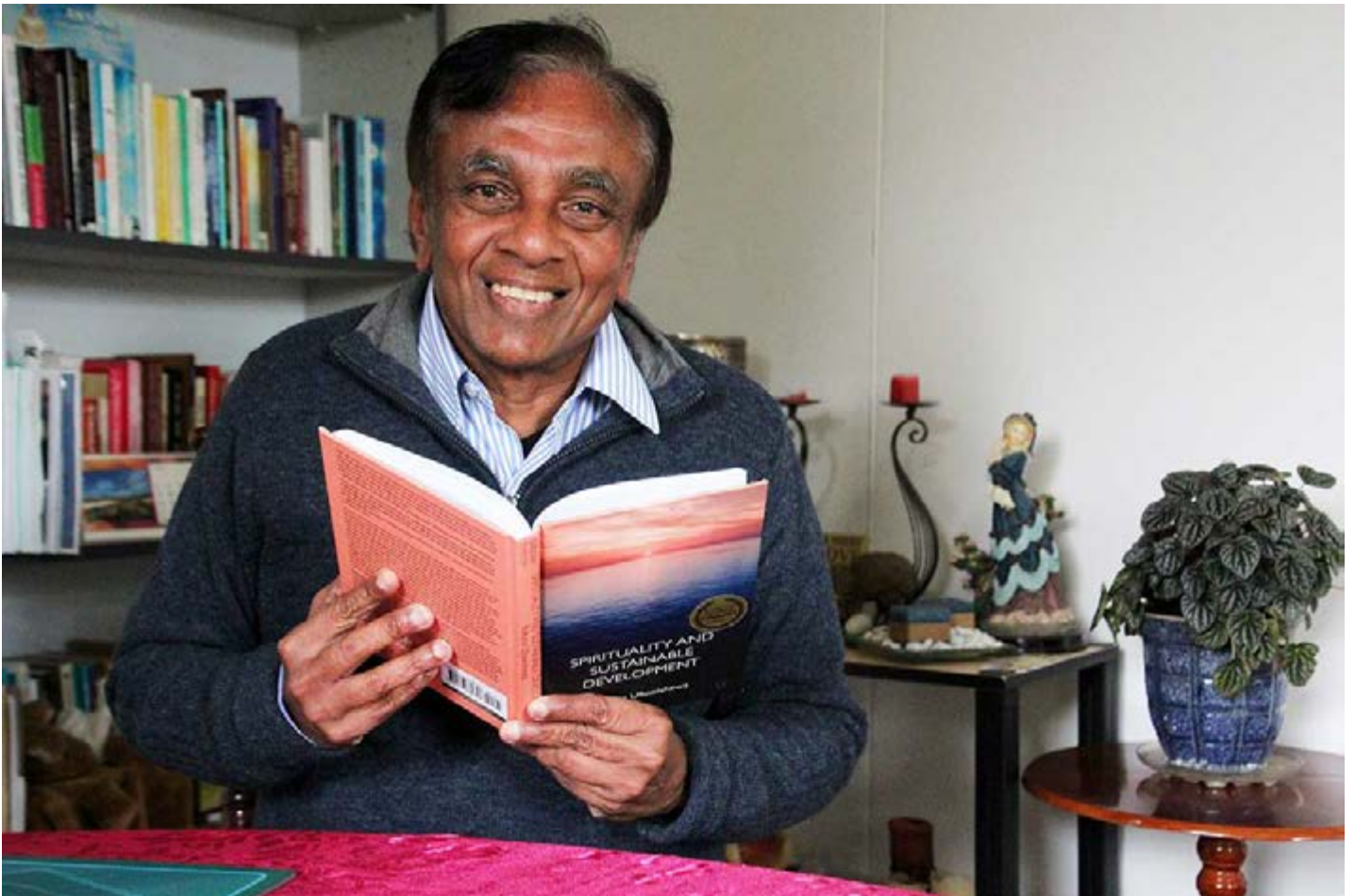
Institute of Veterinary, Animal and Biomedical Sciences head Professor Paul Kenyon (left), senior lecturer Liz Norman, Professor Geor and Professor of equine health Chris Riley at the opening of the veterinary clinical skills laboratory.

Date: 07/09/2015

Type: University News

Categories: Any

Spirituality and science in prizewinning book



Dr Rohana Ulluwishewa

How do you follow a spiritual path in an age of rampant materialism where scientific truth is king? Rohana Ulluwishewa, an honorary research associate at Massey University's Manawatū campus, has tackled that quandary in an award-winning book.

Re-interpreting spirituality in scientific terms won him the Unpublished Manuscript category worth \$10,000 in this year's Ashton Wylie Charitable Trust Mind Body Spirit Literary Awards, for his work; *Spirituality Demystified: Understanding Spirituality in Rational Terms*.

Sri Lankan-born Dr Ulluwishewa, a development geographer, says after a 30-year academic career exploring development, environment and sustainability issues, it dawned on him what the genuine solution to many of the world's problems might be.

Spiritual vacuum underlies failure to alleviate poverty and inequality

"I came to see the root causes of the failure of conventional development to alleviate poverty, inequality, unsustainability and unhappiness lie within us, and it is our spiritual underdevelopment being manifested as self-centeredness, fear and greed," Dr Ulluwishewa says.

Although he is not a scientist in the conventional sense, he has re-framed spirituality in scientific terms to reflect the latest neuroscience discoveries that provide credibility for the rationally-minded.

Spirit in energy of atomic particles

"I spent a substantial amount of time in familiarising myself with the basics of quantum physics, psychology and neuroscience, and in collecting information on the relevant issues from a variety of books and journals written by scientists on spirituality-related issues. What I did when writing this book was similar to making a

jigsaw puzzle; drawing scientific evidence from various sources and putting them in the right places to fill the gaps in order to make a complete picture of spirituality in scientific terms.”

In most religious movements, he says, spirituality – referenced as God, soul, spirit, heaven, hell, karma, life-after-death – is presented as mystical phenomena. “Most of them are inconsistent with modern science and rational thinking.”

However, “recent discoveries in modern science, especially in quantum physics, biology, neuroscience, transpersonal psychology, and scientific studies on consciousness and near-death experience, are now beginning to shed light on the field of spirituality and de-mystify some of its key elements,” he says.

Ultimately, energy is what connects science and spirituality, Dr Ulluwishewa says. From this comes his definition of ‘spirit’ as “that which gives life to a system [a biological system such as the human body].”

“We are nothing but energy, constantly emanating from the quantum reality which is the ultimate source of everything. Everything around us – the air we breathe, the food we eat, the people we associate with, the plants, birds and all inanimate things are composed of spinning and vibrating energies, subatomic and atomic particles.”

Economic to esoteric

A specialist in investigating the impact of development programmes in less wealthy nations, he studied the conflict between economic development and environment. He also studied the links between indigenous knowledge – including Māori – and sustainable development, as well as the role of gender and marginalisation of women in development programmes.

Before coming to Massey University, he was an associate professor at Sri Jayewardenepura University in Sri Lanka, having gained a Master of Science from the London School of Economics then completing his PhD at Kyushu University in Japan. He has worked as a senior lecturer at the University of Brunei, and was a Visiting Fellow at Wageningen Agricultural University and Leiden University in the Netherlands, and at Leeds University in Britain.

His previous book *Spirituality and Sustainable Development* (Palgrave MacMillan, 2014), an International Book Award finalist, also addressed the age-old tension between worldly and spiritual happiness.

Although a Buddhist, he distinguishes between being religious and being spiritual. “Each religion constitutes a core, which contains teachings and practices leading to inner transformation, and a periphery, which includes ritualistic, cultural and political elements. Unfortunately most religious people follow the peripheral elements rather than core teachings,” he says.

He would like to see a style of secular, non-partisan spirituality integrated into formal education as a way of creating a higher level of consciousness that generates a new type of global citizenship based on collective interests, rather than competition and consumerism.

Idealism for the real world?

“Development experts naturally want to alleviate poverty, but people – especially in wealthy nations – also need to reduce consumption,” he says. “There are too many people on the planet consuming more than they need.”

Dr Ulluwishewa doubts his views are singular, as he's observed the beginnings of a socio-spiritual transformation across the globe with a move towards more sustainable, simple lifestyles – such as the Slow Movement – based on a rejection of consumerism and greed.

Judging convenor Adonia Wylie said entries were of the highest in calibre since the awards began 12 years ago, and described Dr Ulluwishewa's work as “mind blowing in its simplicity.”

“If one were to only read one book in one's lifetime, this is the one. Its clarity, its cogent use of words, its ability to cover the most abstract of topics seamlessly while staying fully grounded, completely clear and coherent makes it a brilliant work,” she said.

Date: 08/09/2015

Type: University News

Categories: Awards and appointments; Book; College of Humanities & Social Sciences; Creative Arts; Explore - Planning; Feature; Uni News

Grow North update

Stage one of Grow North is complete and phase two is under way.

The Albany Campus Leadership Team is preparing an annual plan and budget for next year, prioritising initiatives based on the staff forum in May and staff survey in June.

The working group will meet again in mid-September.

A key part of the Grow North strategy is a research project in collaboration with ATEED to develop a plan for a “regional innovation system” in North Auckland. The timeline for the project is :

- Mid-September – project update meeting between ATEED and Massey work groups to understand what is coming out of the working groups and surveys.
- By end of September – survey undertaken and working groups engaged and facilitated, Interviews undertaken.
- Early October – draft report distributed to key parties for comment and review.
- End of October – draft report reviewed and revised accordingly
- Early November – final draft report distributed to key stakeholders for consultation.
- Mid-November – workshop design session – one day to develop the vision and pathway as key pieces of information for the summit.
- November 30 – Report Launch Summit.

Staff awarded for Grow North feedback

Auckland campus-based staff Tia Greenstreet, from External Relations, and Andrew Murphy, from the School of Communication, Journalism and Marketing, have been awarded \$100 petrol vouchers after being chosen as the providers of the two most helpful comments to the Grow North survey conducted in June. Participants were asked to expand on one of the listed strategies for growing student numbers.

Ms Greenstreet said: “Social responsibility 100- 300 level papers. Students can enrol in volunteering papers that tie into a not for profit organisation or social conscious project. Skills sets are developed within the course and the obvious impact is the benefit to community. Community groups brings problems and the students work on projects to create solutions. This paper/s can be additional to any degree. It also engages the prospective student global citizen which are character traits of this generation and next . Excellent for the graduate CV and for building skills sets for the real world. The students get a global citizen card which they can update each time they impact/ engage within the community.”

Dr Murphy said: “Develop closer ties and transport links with sporting facilities around us - the tennis courts, the sports fields and new pool in Albany (and/or MISH), the golf facilities near Kristin, hockey and softball in Rosedale, basketball in Mairangi Bay, and mountain biking in the hidden trails on campus. At present the only visibility of sports is the Rec centre, with no other obvious use of our large estate. So despite being better endowed in sports opportunities on or near campus than Auckland or AUT, we actually appear poorer served. Develop in tangent with the PGDipSportMgt.”

Date: 08/09/2015

Type: Internal Communication

Categories: Any

Massey shares EUREKA moment with prize winners



Sir Paul Callaghan EUREKA Awards finalists were invited to attend a dinner at Government House following the conclusion of the awards competition.

A secondary school student from Orewa - north of Auckland - has won the premier prize in the fourth Sir Paul Callaghan EUREKA! Awards hosted last week in Wellington by Massey University. Jennifer Palmer, a year 12 student from Orewa College, is the first secondary school student to win the premier award worth \$10,000.

Her award-winning presentation Synthetic Biology – Engineering the Future focused on how new biotechnologies could be used to help environmental, social and economic challenges facing the country.

Listen to Jennifer Palmer's Radio New Zealand Sunday Morning interview [here](#).



Jennifer Palmer delivers her award-winning presentation.

Tomorrow's science and technology leaders

The awards aim to foster young leaders in science, technology, engineering or mathematics and also to encourage their entrepreneurship and communication.

Twelve finalists from secondary schools and universities gave their presentations in the College of Creative Arts Building, Te Ara Hihiko, at Massey University in Wellington on Thursday.

The Highly Commended awards were won by Richard Park of Auckland University (Electric Cars – Driving the Future of New Zealand), Jack Wynne of the University of Otago (Machine Learning) and Andrew Tang from Wellington's Scots College (Use of Piezoelectric Materials to Predict Earthquakes). They each received \$5000.

Every finalist was awarded \$1,500 and a Sir Paul Callaghan Merit Award. A total of 13 scholarships have also been offered by the programme sponsors. Sir Paul, who died in 2012, was a highly respected scientist and commentator and lectured at Massey University in the 1970s.

Date: 08/09/2015

Type: Awards and Appointments

Categories: Home Page article

Biofilms in the dairy industry

Recent high-profile contamination scares within the international food industry have highlighted the need for best practice when it comes to dairy manufacturing. After 15 years of research into dairy biofilms, there is now a cornerstone publication for a better understanding of the current science, and ways to reduce the occurrence of biofilms associated with dairy manufacturing.

Biofilms in the Dairy Industry provides a comprehensive overview of biofilm-related issues currently facing the New Zealand and international dairy sector.

The book presents potential solutions for reducing contamination throughout the manufacturing process. While the dairy industry has grown in size, sophistication and quality to satisfy a growing international demand for dairy products, contamination remains a major risk.

The ultimate origin of most micro-organisms capable of producing biofilms is the raw milk. However, the conditions found throughout the manufacturing process provide specific niches that are ideal for the growth of biofilms that provide a source of contamination for dairy products.

This book represents the result of 15 years of research into those issues, and involved researchers from Massey University, University of Otago, AUT, and Plant and Food Research.

Massey University Professor of Food Safety and Microbiology Steve Flint has had a long and successful career in both academia and in the dairy manufacturing industry. John Brooks, Professor of Food and Microbiology at AUT, is one of New Zealand's most respected food safety experts. Koon Hoong Teh is a PhD graduate from Massey University and is the chief editor of this book. Together with other academics, and a group of collaborative experts, the authors have meshed their experiences and expertise to create a comprehensive book on dairy biofilms.

Professor Flint says, "The intention is that this book will be a useful resource for the dairy industry to help them meet customer specifications for quality product, and to improve their efficiency in dairy manufacture."

Dairy industry managers, researchers and students will find *Biofilms in the Dairy Industry* useful in providing a fundamental understanding of problems relating to biofilms in the dairy industry and offering some solutions and suggestions for improvement in managing dairy manufacturing plants.

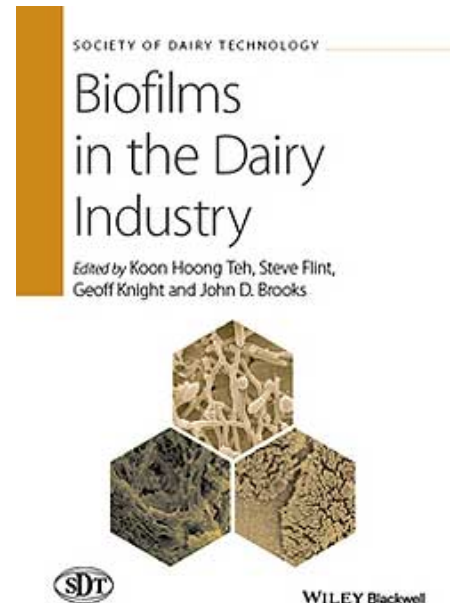
Biofilms in the Dairy Industry

- Edited by Koon Hoong Teh, Steve Flint, Geoff Knight and John D. Brooks.
- Available now in hard cover and e-book format
- RRP \$200.00

Date: 08/09/2015

Type: Research

Categories: College of Health; College of Sciences



Top 10 tips for the All Blacks



TOP TEN TIPS

For the **All Blacks** to defend the
2015 Rugby World Cup

Ten days out from the kick-off to the 2015 Rugby World Cup, Massey University is counting down with its top ten tips to retain the title. It has brought together specialist opinion from across the University on how the All Blacks can best go the distance, and bring the trophy back to New Zealand.



Watch the Top Ten Tips for the All Blacks video

#10 - The added pressure of giving All Black veterans the best send-off

“The challenge in sport, particularly at pinnacle events, is to avoid focusing on uncontrollable elements and remain “locked in” and engaged with the performance, therefore shifting attention away from the external pressure and maintaining focus on what is within the team's control.

“I expect they will be directing their attention towards the process they need to follow to be successful, and the outcome should take care of itself. Focusing on anything outside of their control during the games such as winning for Richie, is essentially a distraction.” – **Warrick Wood, Sports Psychology**

Warrick Wood is a sport psychology lecturer based in Auckland. He has extensive coaching experience and works with a number of elite and junior athletes/teams in the area of applied sport psychology. His research interests include coach behaviour and performance enhancement.

Contact: 09 213 6663 or 022 176 6064; W.wood@massey.ac.nz

#9 - Food – What's the best food for winners?

“Eating the right foods will optimise your energy levels and help you recover more quickly. Good hydration is key and it is important that you drink plenty before, during and after the game to avoid dehydration. Make sure you “fuel up” with carbohydrate rich foods like cereals, breads, pasta, rice, fruits, vegetables and legumes. Stick with what works for you in training and don't try anything new.” – **Miriam Mullard, Dietitian**

Miriam Mullard leads the Nutrition and Dietetics Centre at the Auckland campus. She has extensive experience in weight management, cardiovascular health and lifecycle nutrition.

Contact: 09 213 6189; M.H.Mullard@massey.ac.nz

#8 - Living up to the All Blacks legacy

“The key to maintaining a winning culture is to focus on the pride in that legacy and winning, which is linked to a learning culture and collective leadership involving coaches, the captain and senior players. No one wants to let the jersey down. The jersey, the silver fern, and the Haka help reinforce, through symbolism or by process, the values, beliefs and attitudes of over 100 years of All Blacks legacy ... that's hard to beat.” – **Andy Martin, Sport Management and Coaching**

Associate Professor Andy Martin is based at the Palmerston North campus. His Applied Learning research is related to Sport Management Education, Coach & Physical Education, Outdoor Experiential Education and Work Integrated Experiential Education.

Contact: 06 356 9099 ext 83823; A.J.Martin@massey.ac.nz

#7 - Sleep – How many hours does an All Black need?

“Getting enough, good quality sleep will be key to a good performance. Sleep is especially important for athletic performance, decision-making and mood during a game, as well as recovery between games. I imagine the All Blacks will be establishing a regular sleep routine in the new time zone, making sleep a priority and avoiding things that can disrupt sleep like using electronic devices in the evening and excessive caffeine intake.” – **Dr Karyn O’Keeffe, Sleep/Wake Research Centre**

Dr Karyn O’Keeffe is a physiologist with clinical experience in monitoring sleep and managing sleep disorders. Her research interests include fatigue-related risk in healthcare professionals and improving sleep in the general population.

Contact: 04 801 5799 ext 63260 or 027 221 4452; K.M.OKeeffe@massey.ac.nz

#6 - Mind preparation/relaxation – What are the proven techniques?

“The team needs to focus attention on the mental things they can control – like attitude, desire, presence, competitiveness, confidence, focus and, especially, enjoyment. Historically we have shown in various sports that when we are the underdogs we will beat anyone on our day, but make us favourites and typically we struggle. Every four years we face this dilemma at the Rugby World Cup and every time we have struggled. How well we manage this mental hurdle will be critical again this year.” **Professor Gary Hermansson, Sport Psychology**

Professor Emeritus Gary Hermansson has more than 35 years active involvement in social work, psychotherapy, counselling, and sport psychology. Having worked at Massey University for more than 30 years as a counsellor educator, he now works in a private practice with an emphasis on performance coaching and counselling.

Contact: 06 356 9099 ext 83821 or 021 246 6689; G.L.Hermansson@massey.ac.nz

#5 - Does size matter?

“It appears that, in Rugby World Cup Pool play at least, size matters. All Blacks players' height and weight have increased rapidly since the sport turned professional in 1996. Since then, in Rugby World Cup years, trends show that we tend to “stack” and “beef up” our team and there's evidence which suggests a direct correlation between weight and winning. For example, research clearly shows that the heavier teams in pool play, made the quarterfinals in 2007 and 2011 (Barr, Newton & Sheppard, 2014). But be wary of the semi and final stages – they are a completely different beast, as we all know.” – **Jeremy Hapeta, Physical Education and Coaching**

Jeremy Hapeta lectures in Physical Education and Sport Pedagogy at Massey University's School of Sport and Exercise on Palmerston North's campus. His research interests include enhancing sport performance with a focus on Rugby and Athlete-centered, player empowering, teaching and coaching methodologies.

Contact: 06 356 9099 ext 83820 or 021 266 1653; J.W.Hapeta@massey.ac.nz

#4 - Alcohol – to drink a little or not at all?

“The general advice for drinking alcohol is “less is better”. Certainly the kind of drinking the All Blacks were doing in post match euphoria (or dysphoria) ten years ago shocked their newly appointed coach. It's likely things have improved since then but clearly the team and other top rugby players, have their share of those who find it hard to control their drinking. My advice for the All Blacks is seek professional help if you need it, and get rid of the alcohol sponsorship you have enjoyed for the past 30 years. It's not a good fit. Other sponsors will step up as they did when tobacco sponsorship was banned.” – **Professor Sally Casswell, Alcohol researcher**

Professor Sally Casswell is the co-director of SHORE (Social and Health Outcomes Research and Evaluation) and the Whariki Research Centre. She has extensive interests in social and public health policy,

especially in relation to alcohol and other drugs. She has carried out research on the development and implementation of public policy at the national and community level and in the evaluation of these initiatives.

Contact: 09 366 6136 or 021 655 346; S.Casswell@massey.ac.nz

#3 - How to avoid a media scandal

“It's important the All Blacks keep their heads down and their eyes off the media chatter. They don't want to attract negative attention for off-field antics and other media commentary needs to become background noise. It's there, but doesn't warrant focus – until after they've won the game!” – **Dr Chris Galloway, Communications Expert**

Dr Chris Galloway is an expert commentator on risk and crisis communication, public relations and local government communication.

Contact: 09 213 6319 or 022 161 7988; C.J.Galloway@massey.ac.nz

#2 - Fitness – What is the best recovery to avoid injury and fatigue?

“Active recovery methods to help remove the toxic by-products in the muscles aids recovery between matches. Things like lots of stretching (while still game warm or after that hot shower), then massage followed by more stretching. Cold and ice packs will alleviate the pain short-term but may mask a more serious muscle injury, so listen to your body.” – **Dr Sally Lark, Sports Injuries and Rehabilitation**

Dr Sally Lark is a senior lecturer at Massey University's School of Sport and Exercise. Her research interests include Musculoskeletal Physiology, Injury and Rehabilitation, Clinical Exercise Physiology and Cardiac Exercise Rehabilitation.

Contact: 04 801 5799 ext 62503 or 021 060 7795; S.Lark@massey.ac.nz

#1 – The Haka – what edge does it give the players?

“When I think of the All Blacks performing the haka, I'm reminded of the Maori proverb 'Ehara taku toa i te toa takitahi engari he toa takitini' – 'My valour is not that of the individual but that of the multitude. No one can survive alone'.

If they perform the haka as one, and stay unified, no one can defeat them. The boys need to act as one, play as one and win as one. And remember, when they walk onto the playing field, they walk as one with every man who has gone before them, wearing the black jersey.” – **Malcolm Mulholland, Haka historian**

Malcolm Mulholland's research interests include Maori rugby, the relationship between Maori and the State, and symbols of nationhood. He is a member of the New Zealand Flag Consideration Panel, and is the author of Beneath the Maori Moon: An Illustrated History of Maori Rugby.

Contact: 06 356 9099 ext 86016 or 022 097 5899; M.G.Mulholland@massey.ac.nz

Date: 09/09/2015

Type: Features

Categories: Home Page article; College of Business; College of Health; College of Sciences

Opinion: Plan needs green, not fifty shades of grey



Green infrastructure plantings in the Auckland region

Marjan van den Belt

The government recently gave the green light for its Thirty Year New Zealand Infrastructure Plan. Unfortunately, there is not much else green about this forward-looking strategic document outlining the Government's intentions for infrastructure development.

The plan includes energy, telecommunications, transport and water – sectors that underpin market-based activities. The plan is based on an assessment of the capital involved and serves as an investment signal for 'grey Infrastructure'.

'Grey' refers literally to the colour of the asphalt, concrete, steel that makes up this human-built infrastructure. It tends to be expensive to build and maintain, but its services enable market-based activities; the activities that are being kept track of by Gross Domestic Product (GDP).

What's missing is an acknowledgement of the vital 'green-blue infrastructure' – or nature, ecosystems, natural capital – which all human activities, including market-based activities, cannot exist without. Think of green infrastructure as forests and wetlands. Blue infrastructure refers to marine ecosystems – another hugely important asset to New Zealand.

The term 'natural capital' was introduced a few decades ago to emphasize that ecosystems are the critical foundation and a priceless asset of healthy economies. Economies and human wellbeing ultimately depend on healthy ecosystems. Market-based activities are but one means to the end-goal of delivering human wellbeing. The rampant pursuit of a 'growth for growth's sake' is back-firing and eroding the most fundamental and basic asset New Zealand has.

Just as 'grey Infrastructure' delivers transport, energy and water services, the natural world's 'green-blue infrastructure' provides us with essential services such as food, purification of water, regulation of floods, pollination, regulation of climate, formation of soil, cultural, spiritual, recreation and educational services. The best thing is that these 'ecosystem services' are free. However, they are also priceless and therefore, often not fully taken into account in planning or decision-making.

There are numerous examples where public-private partnerships have been created as a sound investment strategy embracing green over grey infrastructure. The most famous is in New York City, where the catchment called Catskills was set aside (that is, protected from market-driven development) as its natural water purification system to defer a multi-billion public investment in a grey Infrastructure. The latter would have cost US\$6 billion, whereas the 'green Infrastructure' option was implemented for US\$2 billion.

A similar investment strategy in New York was undertaken for storm water focusing on stream buffer restoration, green roofs and bio-swales, instead of – or significantly delaying – the installation of tunnels and storm drains.

There are examples of projects in New Zealand as well. Auckland Council uses natural features to slow down and absorb rainwater. Rate-paying urbanites in Palmerston North, through Horizons Regional Council, offer incentives to farmers to reduce erosion in hill country. Bay of Plenty Regional Council recently commissioned a report to better understand how an Ecosystem Services approach can help in thinking about the way rivers are managed in the future.

For New Zealand, restoration of ecosystems often means eradication of pests – such as stoats, rats and goats – so that forests can better deliver all-important services for free, such as erosion control, flood protection, climate regulation and also cultural, spiritual and recreational services.

Scaling this up to a national level, New Zealand has much to gain from a comprehensive Infrastructure Plan that integrates the grey, green and blue in long-term investments. Just as the 'grey' aspects provide a positive signal to businesses, the 'blue-green' elements create a strong signal for companies to find common ground for factoring in and valuing our natural assets, which underpin all economic development.

There is too much to lose if we can't count on, or take into account, *all* critical infrastructure in our 30-year plans.

Associate Professor Marjan van den Belt is director of Massey University's Ecological Economics Research New Zealand, and is a consultant on a range of national and international projects for biodiversity and ecosystem services.

Date: 09/09/2015

Type: Features

Categories: College of Humanities & Social Sciences; Environmental issues; Explore - Planning; Feature; Government Policy commentators; Opinion Piece

Opinion: When I'm 64...



By the 2030s, there are large parts of New Zealand where more than 30 per cent of the population will be 65 or older

Paul Spoonley

Forty years ago, the Queen sent about a 100 letters per week to acknowledge Britons who had reached the age of 100. She now employs more people because the numbers currently run at between 700 and 800 per week – and are set to increase significantly in the future.

New Zealand, like the UK, is now beginning to see the arrival of the post-war baby boom population reaching their sixties – and living much longer. Demographers talk about numerical ageing – the arrival of many more into the 65-plus age groups, and structural ageing – the fact that the proportion of the New Zealand population over 65 will grow from 13 per cent to 21 per cent by 2031.

We know this is coming. It is not going to be surprise, as we know the numbers of over 65s will double from 600,000 at the 2013 census to more than a one million in a little over a decade. The real question is, are we ready for what is an unprecedented change to the demographic composition of this country?

One of the issues is that there has been a lot of focus on the cost of an ageing population, whether it is how to fund a growing superannuation bill (\$30 billion per year by 2030), or the increasing costs of various forms of care, including health care.

This is important. But perhaps we need to fundamentally rethink ageing. For one thing, those reaching their sixties are the fittest, best educated and wealthiest that we have ever seen – courtesy of the welfare state, and the universal and free provision of health and education. There are also a lot more of them – and they are not homogeneous in what they do and how they view the world.

They are reshaping the leisure and recreation economy as they look to travel or develop new interests and activities in their later years. They are working longer, especially in New Zealand. More than 20 per cent of over 65s are still in paid work (12 per cent in the UK and 10 per cent in Australia). Sixty-five is no longer the age of retirement, even if it is the age of superannuation eligibility. And their purchasing power is unprecedented.

But is the rapidly growing 'silver economy' being reflected in how we organise our lives as communities and as a country? Not really. There are some industries that are well aware of the implications, and retirement homes are an obvious growth area. But surely more is required.

The World Health Organisation (WHO) has an interesting initiative that seeks to promote age-friendly cities. This invites cities to think about how they not only cater for elderly populations but also how they contribute to the wellbeing of these populations in ways that benefit everyone.

One initiative might be to encourage intergenerational living spaces so that the elderly are not confined to communities and buildings that house only other people of their own age. This might involve the co-location of a crèche with a retirement home, such as is happening in the Netherlands. Or the "silver human resource centres" in many Japanese cities, which seek to maximise the involvement in community activities of elderly Japanese.

What are the options (or incentives) for downsizing housing? How should streetscapes and public spaces be designed to cater for the elderly in interesting and appropriate ways?

The point is not to see ageing as a problem, or the aged as increasingly withdrawing from the broader community. Some of this is the responsibility of those who are ageing but a lot more could be done in New Zealand to make firms, local authorities or the government more aware of the possibilities of silver producer/consumer/volunteer engagement and provision.

One issue will be to consider where these initiatives and the inevitable services should be based. There is a growing mismatch as some regions and towns age much faster than others.

Auckland is home to the largest group of over 65s (163,000). They are still a low percentage of the population (11 per cent) but they constitute more than a quarter of the population in Thames-Coromandel or Kapiti. And by the 2030s, there are large parts of New Zealand where more than 30 per cent of the population will be 65 or older. Already there are more people over the age of 65 than under the age of 15 in a growing number of areas.

We know this – and we know with a great deal of certainty what the next decade will bring. Isn't it time we took a new look at ageing and at what we should be doing?

Distinguished Professor Paul Spoonley is the Pro Vice-Chancellor of the College of Humanities and Social Sciences at Massey University.

Date: 09/09/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning

Building Māori pathways into science and health



Students from Alfriston College examine the health qualities of a horseshoe crab.

Opening Māori teenagers up to the possibilities of science is building new career paths for rangatahi. More than 40 Māori secondary school students from Auckland and Northland were hosted by Massey University for the two-day Science for Hauora programme aimed at increasing the low numbers of Māori going into science and health careers.

Student recruitment advisor Māori, Grace Latimer, co-ordinates the programme and says many students aren't aware how sciences correlate to health programmes at tertiary level.

"It was fantastic to watch the light bulbs switch on for kids as they saw the wide variety of fields that are open to them if they study the right subjects at school."



The Science for Hauora programme attendees.

First steps towards a science career

Students who participated are also part of the Northern Kia Ora Hauora programme, which is a response to the high demand for more Māori health professionals and links to four DHBs.

The students got hands on experience with lab sessions in Food Technology with Dr Sung Je and learned about natural remedies from invertebrates with Dr Anne Wignall in Animal Life.

Students were able to extract their own DNA in a genetics session with PhD student Kayleigh Evens and had their intuition and problem solving tested with physics lecturer Dr Marliou Raduban, their understanding of human behavior examined with Dr Veronica Hopner from Psychology and got to check out the taonga of marine life with Dr David Aguirre.

A number of students have gone home with new goals and pathways. Summer Joyce a Year 10 student from Northland College says she's decided to select science subjects next year. "Marine Life is one good choice and I want to do this in the future".

Year 11 student Aroha Puru from Okaihau College said, "This programme has helped me decide what paths I need to focus on to come to university."

Feedback from the students over the two days confirms that the Science for Hauora programme will be delivered again next year.

Date: 09/09/2015

Type: University News

Categories: Home Page article; College of Sciences; Maori

First Talanoa makes crucial connections



Hilda Faasalele Chief Advisor Pacific Health (MOH), Dr Malakai Koloamatangi, Liz Tanielu National Director Pacific Community Investment (MSD) Marisa Maepu, Chief Policy Advisor (MPIA)

When you're trying to connect the dots, it helps to have the dots on the same page, so the the inaugural Pacific Research Centre Talanoa (hui) proved a vital connector between a variety of Massey researchers and government policymakers.

Sponsored by the Pacific Research and Policy Centre and the College of Humanities and Social Sciences, the day long Talanoa gave Massey researchers the chance to not only engage with each other but to explore how to work with key Government officials.

Discussions revolved around how community needs should drive research projects to ensure those projects helped inform policy and covered disciplines as diverse as disaster management to education, health and agriculture.

There was agreement that new ways of thinking were required in the field of education. "We're tired of hearing the same old things from a deficit point of view. We want to give advice to the Minister that is aspirational and is about where we want to be," said Fatulatetele Tolo, Chief Advisor Pasifika to the Ministry of Education.



Researchers share ideas.

Liz Tanielu the National Director Pacific at the Ministry of Social Development urged academics to arm officials with the evidence they need to make good decisions: “There are some assumptions about Pasifika peoples and it would be good to have rich data on the makeup of our population.”

Ms Tanielu says MSD has provided \$10,000 towards summer research scholarships which she says are open to Massey University researchers.

The Talanoa also provided an opportunity to highlight some of the work of the Pacific Research and Policy Centre and the projects that are underway including projects with UNESCO and partner universities in the Pacific.

Date: 09/09/2015

Type: University News

Categories: Pasifika

Cracking the code: students head to programming regionals



From left, Samuel Hunt, Samuel Dobson and Felix Brookie have qualified to go to the International Collegiate Programming Contest regional final at the end of the month.

A team of three Massey University computer science students are on their way to Auckland at the end of the month, to compete in one of the world's foremost computer programming competitions.

Felix Brookie, Samuel Dobson and Samuel Hunt have qualified to compete in the South Pacific regional event of the Association of Computing Machinery International Collegiate Programming Contest, after facing off against teams from Fiji and New Zealand in the divisional round. They are one of twelve groups from universities around the South Pacific competing in the regionals.

The contest pits the best problem solvers, computer scientists and engineers against one another in a five-hour battle to solve as many computer-based real-world problems as possible.

Teammates collaborate to rank the difficulty of the problems, deduce the requirements, design test beds, and build software systems to solve the problems. Those problems range from requiring simple programming knowledge, to needing advanced problem solving skills and having the ability to write advanced algorithms.

The team's mentor, Dr Henning Koehler from the School of Engineering and Advanced Technology, says the competition is as much about strategy as it is about programming skills.

“The team needs to be able to co-ordinate. One of the things they do is get one person working on a simple problem while the others design a general algorithm for the complex problems. It's a difficult competition though. You can submit a program, but if it's wrong you only get told whether it passes or fails, not what aspect of it is wrong. That's part of the problem solving.”

Team member Mr Brookie says the competition fascinated him because it is not something he would get to do normally. "It's an interesting experience to actually sit at a computer together and try and get something down. It's not the same as doing it on your own, in your own time."

Mr Hunt agreed, saying the most difficult part of the competition was the lack of time. "It's a very different pressure that you're being put under. Luckily for us we did some mock competitions beforehand so it wasn't too much of a shock. It's a bit more stressful but it's a good skill and a good experience."

Mr Dobson, who is still attending secondary school as well as taking university papers, says preparation is key but sometimes it comes down to trial and error as well. "You have to try and map the problems to a model of something you know and then hope that it works."

Mr Brookie says they are looking forward to one thing at the regionals: "winning".

The Regional Final will take place in Auckland September 25 to 27. The winning two teams will then go on to compete in the world finals in Phuket, Thailand, next May.

The contest is sponsored by computer company IBM.

The Association of Computing Machinery is the world's largest educational and scientific computing society, delivering resources that advance computing as a science and a profession.

Date: 10/09/2015

Type: Awards and Appointments

Categories: Awards and appointments; College of Sciences; Explore - Engineering; National; Palmerston North

Future in arable industries for Massey graduate



Sophie Blair has been selected to take part in the Foundation for Arable Research Graduate Programme.

Massey University animal science student Sophie Blair has been selected for a Foundation for Arable Research Graduate Programme focused on New Zealand's cropping industry.

Miss Blair says she is particularly interested in cropping and nutrient management and is looking forward to gaining work experience in these areas and the industry's links to other primary industries

"I am excited to be able to apply knowledge that I have learnt at uni to real life situations," she says. "The graduate programme will expose me to all aspects of the arable industry, which will give me the opportunity to consider career options that I otherwise would not have thought of."

She says her goal is to learn ways to help farmers farm sustainably. "I want to make a difference in arable farming."

The foundation is an applied research and information transfer organisation responsible primarily to New Zealand arable growers.

Foundation chief executive Nick Pyke says the calibre of applicants for the programme, which is in its second year, was very impressive. "The graduate programme was introduced with the intention of attracting top students into the cropping industry, and it has been heartening to see such interest in our sector."

Date: 10/09/2015

Type: Awards and Appointments

Categories: Applied Learning; Awards and appointments; College of Sciences; Environmental issues; Explore

Research on Pasifika youth identity



Participants at the Young, Free and Pasifika 2015 event at the Mangere Arts Centre

Researchers at Massey University's School of Psychology are partnering with a Pacific social service organisation on a project to foster a stronger sense of cultural identity among young Pasifika women.

Siautu Alefaio, from the School of Psychology's EPIC (Ending Poverty and Inequality Cluster) project, will explore factors that shape positive cultural identities and attitudes among young women in Auckland's fast-growing Pasifika communities.

She and her colleagues are teaming up with Affirming Works (AW), which provides innovative Pacific-style mentoring. Affirming Works was founded by Emeline Afeaki-Mafileo, who has a Bachelor of Social Work (Honours), a Diploma of Social Sciences, and a Masters in Social Policy from Massey.

The research project arose out of a recent one-day event, titled Young, Free and Pasifika 2015, which drew more than 100 Year 12 and 13 Pasifika young women from schools across Auckland. It was organised by AW and sponsored by Auckland Council.

Ms Alefaio says the innovative partnership with Affirming Works will enable her team to do research based on the feedback and profiles produced by young women who attended the South Auckland event. As an observer, she says the event was "life-giving" for participants. A highlight was the keynote speech by Her Royal Highness Princess Siu'ilikutapu of Tonga.

"The whole vision for the event was empowering young Pacific women to build a better future. Partnering creative arts and education was a brilliant approach to connect in a meaningful way with this group," says Ms Alefaio.



HRH Princess Siu'ilikutapu of Tonga

Cultural conflict for Pasifika youth

Many young Pasifika women in New Zealand can feel under pressure to conform to mainstream images and role models, and often struggle to embrace their cultural heritage, she says. "They feel they have to fit in with the status quo at school."

This can result in suppressing their innate cultural identities and leads to a sense of confusion about who they are, often expressed in behaviours such as addictions, wagging school or dropping out.

Being able to draw on data from the event will provide psychologists with rich material to analyse for a better understanding of issues facing young Pasifika people in New Zealand today.

"This is a great opportunity for our research group," says Ms Alefaio, a senior lecturer in psychology, who has completed her PhD at Monash University, Melbourne, Australia, on 'NIU-psychology' (New Indigenous Understandings for re-framing psychology from a Samoan cultural context).

"As academics, we want to give back to the community and make a difference."

The event, organised by Affirming Works mentors Ann-Helen Rasmussen and Tongan actress Lavinia Uhila, included dance and art performances by Pasifika female creative artists and included an inspirational talk by Silver Fern Grace Rasmussen. These were followed by breakout discussion groups in which students shared their aspirations and performed these back to the wider group through song, dance and spoken words.

School of Psychology Māori graduate assistant Renee Smith, from the Palmerston North campus, and Moana Fifita, a Tongan undergraduate psychology student at Massey's Auckland campus, facilitated the breakout groups.

Date: 10/09/2015

Type: Research

Research project scopes out North Shore innovation district



There is growing support for an innovation district north of the Auckland Harbour Bridge.

Massey University's new entrepreneurship researcher Dr Rebecca Gill has a vision for an innovation district in Auckland's north. And she is not alone. At a Grow North symposium held at the university at the start of this year, around 100 business, academic and government leaders expressed their interest in fostering an innovation district in the region.

To get the ball rolling Massey is currently researching the opportunities and challenges to developing an innovation district, with the aim of recommending "next steps" to move the concept forward.

Massey University Vice-Chancellor Steve Maharey says the university's Auckland campus sits within one of the country's fastest growing regions and the campus plans to be a central feature of its smart, well-educated community.

"We are an open and collaborative university with big development plans, including the recently-announced science and innovation research centre," he says. "The North Shore of Auckland already has a reputation for innovation, so we are keen to foster that by supplying ideas, expertise and talent to our community.

"If an innovation district develops here, Massey wants to play the sort of role Stanford does in Silicon Valley – and this research project will help us decide how we can best contribute to the district's success."

The project is supported by Auckland Tourism, Events and Economic Development (ATEED), on behalf of Auckland Council.

Brett O'Riley, ATEED chief executive, says: "Auckland's economic development strategy outlines the goal of Auckland becoming an innovation hub of the Asia-Pacific region.

“ATEED welcomes this research, which will help inform the actions that we take at a regional level to deliver on this goal.”



Dr Rebecca Gill has studied regions overseas that have sought to replicate the Silicon Valley model.

A "mash up of diverse sectors"

Dr Gill, the project's lead researcher, will conduct a literature review, focus groups and stakeholder interviews, before producing a report outlining recommendations for developing an innovation district in Auckland's north.

Dr Gill has previously researched regions seeking to replicate the Silicon Valley model and says the best ones are a “mash up of diverse sectors” where organisations are open with their communication and collaboration.

“All this needs to happen in a compact area, but it's not just being close in proximity but also close in networks,” she says. “The right infrastructure and a strong brand attracts companies and gives people a reason to live in the area so it's about building quality of life as well as economic development.”

She says the North Shore already has “many of the pre-requisites for an innovation district, including universities, good start-up companies and incubators, as well as supportive local government”.

“But what's really important is there's a mindset and culture for innovation here,” she says. “A lot of organisations are making strides in their own individual companies, but we need to bring all this activity together. I think people are waiting for it, they just need someone to say, ‘We've figured out what a plan could be, now we want a lot more input and collaboration.’”

The *Grow North: Innovation District* research project is being funded Massey University and ATEED on behalf of Auckland Council. The research report, including findings and recommendations, will be presented at the second Grow North event, to be held at Massey University's Auckland campus on November 30.

Date: 11/09/2015

Type: Research

Categories: Home Page article; AKE Hub; College of Business; Innovation

'Wildlife ambulance' delivers native patients



Wildbase wildlife technician Carina Svensson transfers a kiwi with the help of Air New Zealand staff member Air New Zealand cargo representative Graham James

New Zealand's only dedicated wildlife hospital, Massey University's Wildbase has a new "wildlife ambulance" thanks to a kind donation from the Palmerston North Airport.

The Toyota Hilux, complete with artwork funded by the Massey Foundation, will ferry native wildlife needing treatment from Palmerston North Airport to the hospital at the Massey University Manawatū campus. An air-side car park at the airport will mean Wildbase staff are able to collect the patient in record time.

The vehicle was put to use straight away, transporting an injured kiwi flown in from Blenheim on Wednesday.

Wildbase wildlife technician Carina Svensson, who assisted with the kiwi transport, says sick and injured native wildlife are flown in from all over the country on a regular basis and the car is a welcome donation.

"It has been custom designed and fitted with features especially for the purpose of animal transport. Safe transportation of our patients is vital. Thanks to the cooperation of the airport, who will allow us to be on 'stand by' in a designated area on the tarmac when the aircraft lands, any critically ill, sick or injured patients can be loaded into the car directly on arrival, ensuring they receive the veterinary care they require without any further delay."

Palmerston North Airport chief executive David Lanham says the airport and Fly Palmy are excited about the new partnership

"It's a fantastic facility and one which we as a region should be very proud of. We want to make sure rare and endangered patients traveling to and from our airport and around the region, have a stress free experience and the new vehicle together with direct air-side access, will help make this happen.

As part of the sponsorship, the airport will be named a "friend" of the hospital.



Air New Zealand cargo representative Graham James, left, assists Palmerston North Airport chief executive David Lanham and Wildbase wildlife technician Carina Svensson transfer a kiwi to Wildbase.

Date: 11/09/2015

Type: University News

Categories: Home Page article; College of Sciences; Palmerston North; School of Veterinary Science; Wildlife Ward

2015 Ngā Kupu Ora Māori Book Awards winners announced



Winners of the Ngā Kupu Ora Aotearoa Māori Book Awards, back row from left, Rāwinia Higgins, Des Kahotea, Aroha Harris, Atholl Anderson, Bishop Muru Walters, Robin Walters, Sam Walters, Susan Mitchell (on behalf of Hilary and John Mitchell). Front row from left, Vincent Olsen-Reeder, Te Ripowai Higgins, Dame Iritana Tawhiwhirangi and Renia Whaitiri.

Māori histories and the arts have dominated Massey University's Ngā Kupu Ora Aotearoa Māori Book Awards 2015.

The Awards presented at a dinner at Te Papa in Wellington last night, named six category winners selected from a shortlist of 15 finalists and an overall pool of 60 Māori books.

Massey University Vice-Chancellor Hon Steve Maharey congratulated the authors for their important contribution. "What we are doing here is celebrating books that will shape the future of not only how Māori see themselves but taking those stories to the rest



*Co-author Aroha Harris of *Tangata Whenua: An Illustrated History*, which won the history category of the Ngā Kupu Ora Aotearoa Māori Book Awards accepts her award at Te Papa*

of the world as well.”

Mr Maharey said the fact that three of the finalist books were written in Te Reo Māori showed the language was a living one and he urged more to be written in Te Reo.

Guest speaker Ripeka Evans from the Ministry of Culture and Heritage reflected on the power of ngā kupu ora translated as a “few good words”.

“We all remember the iconic picture of Dame Whena Cooper starting the first land march with the simple words ‘Not one acre more’.

Author and historian Aroha Harris praised the awards for giving recognition to Māori books. “It’s important that we have Māori stories and Māori voices out there”

Now in their seventh year, Ngā Kupu Ora Aotearoa Māori Book Awards are supported by Te Puni Kokiri and run by Massey University.

The History category was won by a book charting the sweep of Māori history from ancient times to the 21st Century. Tangata Whenua: An Illustrated History by Atholl Anderson, Judith Binney and Aroha Harris has already won the prestigious Royal Society of New Zealand Science Book Prize and, with 500 images and commentary, is being lauded as one of the most significant Māori histories.

The Non-fiction prize was awarded to Anglican minister Bishop Muru Walters, his son Robin and daughter-in-law Sam for their photographic celebration of the country’s meeting houses in the book Marae: Te Tatau Pounamu. Bishop Walters who’s also a master carver, poet, broadcaster and former Māori All Black can now add award winning author to his list of talents.

The Biography category was won by Nelson couple Hilary and John Mitchell for the fourth and final edition of a series of books on the history of Māori in the Nelson and Marlborough area. It’s taken 10 years to complete the series with the publication of Volume IV: Ngā whānau Rangatira o Ngāti Tama me Te Ātiawa – The Chiefly Families of Ngāti Tama and Te Ātiawa.

The Arts section went to a book that documented the painstaking process of rebuilding a Tauranga meeting house destroyed by fire. Te Tū Hanga Whare o Whetū: The rebuilding of Te Whetū o Te Rangi by Des Tatana Kahotea captured the efforts of local people as they undertook the creation of art works and carvings and navigated the Māori customs associated with the rebuilding of Te Whetū o Te Rangi.

The Creative Writing award was awarded to an anthology of poetry, He Puna Wai Kōrero by leading Māori poets and scholars Robert Sullivan and Reina Whaitiri. It is the first anthology of Maori poetry in English and includes almost eighty poets.

A book that aims to engage and reawaken Māori consciousness on the value of Māori language won the Te Reo prize. The Value of the Māori Language: Te Hua o Te Reo Māori draws on research from more than 30 contributors about the value of the Māori language and their aspirations for its future direction. It was edited by Associate Professor Rāwinia Higgins, Associate Professor Poia Rewi, and Vincent Olsen-Reeder.

Date: 11/09/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Humanities & Social Sciences; Creative Arts; FutureNZ - Art and Culture; FutureNZ - Maori; Maori; Wellington

MasterChef finalist scores international career



Gemma Wynne-Lewis

Food technology graduate Gemma Wynne-Lewis may no longer be on TV3's MasterChef, but her career is well on its way up the food chain.

The 26-year-old graduated from Massey University four years ago with a Bachelor of Food Technology with Honours and was one of the final six before being eliminated from the latest series of MasterChef New Zealand.

Ms Wynne-Lewis says what she learned doing her degree helped her approach the show's challenges from a scientific as well as creative point of view. "Understanding the interaction between ingredients, as well as gaining vital problem-solving skills, were all part of the course."

She has advice for students wanting to move into the food technology industry: Do your research. "It's not a subject many people know about yet, so talking to those in the industry is a good place to start."

"The Massey course is a challenge, but well worth it. There is a massive shortage of food technologists in New Zealand and, with a diverse range of career options and the ability to travel, it's an exciting choice."

MasterChef finalist scores international career | Massey University



Watch the video interview

She is about to move from rural Hawke's Bay to Melbourne to work in seafood production for Simplot Australia, the leading manufacturer behind popular brands Birds Eye, Leggo's and John West.

"I grew up on seafood, so getting a job developing chilled seafood products is a dream come true. Consumers are demanding fresh, healthy, good quality meals, and that is something chilled products can offer."

Massey University Professor in Food Colloids Matt Golding, one of her lecturers at the Manawatū campus, says he enjoyed watching her progress on the show. "While it's a shame to see her finally eliminated, it's good to know she'll be continuing to be active in the food industry, with a new opportunity at Simplot.

"For people like Gemma, who have a real passion for food, taking food technology at Massey provides not only the right knowledge and skills needed to work across the many roles within the sector, but also provides hands-on experience, actively working with food companies during the course of the degree programme. This highly applied approach ensures our students have the best possible start to a successful career in the food industry."

Date: 14/09/2015

Type: Features

Categories: Home Page article; College of Health; Explore - Food; Video Multimedia

Massey poets on a winning streak

Two Massey University poets from the School of English and Media Studies are on a winning streak, with one shortlisted for a top international prize and another taking out a national poetry award.

A poem by Master of Creative Writing student Janet Newman has won the Open category of the New Zealand Poet Society's 2015 International Poetry Competition.

Ms Newman says her poem, *Biking to the Manawatū River*, evokes the natural beauty as well as artificially transformed features of the environment. Judge Harvey Molloy said her poem shows "great focus and restraint."

"Through description we see what might glibly be called our 'environmental impacts', but there's also a personal, subjective mind present in 'leaves like curled hair' and roots 'wrenched up like memory'. Nothing here is overstated or forced and yet an atmosphere of understated disquiet pervades - there's violence at every turn," he said in his report.

Ms Newman is nearing completion of her degree, which she has worked on for the past two years. She has been writing poetry for a number of years, and is working on a collection of new poems, as well as researching the eco-poems of New Zealand poet Dinah Hawken, for her thesis.

Another Master of Creative Writing student, Gail Ingram, earned a Commended award for her poem *Once Were Elvers*.

The New Zealand Poetry Society was founded in 1973 by Wellington writer Irene Adcock, and will host a poetry conference in Wellington from November 13 – 15.

Auckland-based poet and creative writing teacher Dr Johanna Emenev has made the shortlist of 50 for the Montreal International Poetry Prize from some 2,000 poems entered from around the world.

The winner will be announced in early December. She and Associate Professor Bryan Walpert, who teaches creative writing at the Manawatū campus, were both selected for the long list of 70 announced last month.

This year's is the third prestigious biennial award, worth C\$20,000 (NZ \$21,500).

Dr Emenev's poem, *There will be no more horses here*, will be published as part of the organisation's anthology, and is already available to read and as an audio recording on its website.

She recently gained her PhD in Creative Writing on medical language and themes in poetry, and hopes to publish a collection of poems, titled *Family History*. The poems are about her mother, and were written as part of her doctoral thesis.

This year's Montreal Prize judge is Irish poet, Eavan Boland, one of Dr Emenev's favourites. "Having taught the poetry of Eavan Boland to many classes of sixth form students in the UK, I get to experience the fantastic feeling of knowing that she's holding my poem in her hands and reading it. That's crazy!"

The Montreal Prize publishes the top 50 poems of each competition in its Global Poetry Anthology Series with Vehicule Press. Its website says the competition is; "committed to encouraging the creation of original works of poetry, to building cross-national readership and to exploring the world's Englishes".



Dr Jo Emenev



Janet Newman

Listen to Dr Emeney read her poem on the Montreal International Poetry Prize website [here](#).

Date: 14/09/2015

Type: University News

Categories: Awards and appointments; College of Humanities & Social Sciences; Creative Arts; Uni News

Book reveals NZ through international student lens



Kaikoura, photographed by Edgar Eduardo Sacayon

Voluptuous clouds spilling over rugged landscapes and urban scenes are a defining feature of a book that reveals New Zealand through the eyes and experiences of international students.

Edgar Eduardo Sacayon, a postgraduate student from Guatemala and professional photographer, coordinated the project, titled *Reflections*. Most of his photographs were taken during a three-week summer trip. He gifted a copy to Vice Chancellor Steve Maharey at a special ceremony at the Manawatū campus yesterday, saying he hopes the book will lure more overseas scholars to come here for the rich mix of cultural and academic experiences.

The book is sponsored by the International Student Support Office, and captures the experiences and perceptions of New Zealand Development scholarship students studying at Massey University's three campuses. Students from Tanzania, Mongolia, Myanmar, Malaysia, Indonesia, Laos, Papua New Guinea and several Pacific Island nations feature in the book.

Most of the 200 copies will be distributed to embassies and consulates around the world in countries covered by the New Zealand Development Scholarships scheme, which is administered by the Ministry of Foreign Affairs and Trade (MFAT).

As well as stunning images across the country, the 100-page coffee table book has sections dedicated to Auckland, Wellington and Manawatū campuses and cities where Massey is located. It also has portraits of the current crop of New Zealand Development scholars linked to their academic programmes, and of student social life and activities such as the Unity in Diversity festival organised by the Massey University Students' Association.



Vice-Chancellor Steve Maharey admiring the photobook with Edgar Eduardo Sacayon

Mayan to Māori cultures

Mr Sacayon came to New Zealand 18 months ago to do a Master of Environmental Management. He says he had little idea of what New Zealand would be like before he got here. “I’d been to the US and Europe and I assumed New Zealand would be similar to other developed countries – lots of big highways, big buildings and infrastructure.”

Instead he was struck by the semi-rural lifestyle of people living in or near towns and cities, by the architecture of our houses, and an overriding impression that New Zealanders value wellbeing over highly developed infrastructure. The profile of Māori cultural practices and language was another revelation – one that impressed him and evoked his country’s Mayan legacy. Guatemala, in Central America, was the core of Mayan civilisation prior to colonisation by the Spanish.

He says his favourite New Zealand location is Fiordland National Park, though he found time to visit Taupo and walk the Tongariro Crossing in the central North Island too.

He plans to return to the Universidad de San Carlos de Guatemala in the country’s capital, Guatemala City, to continue his studies with a PhD and hopes to maintain academic links with Massey in the field of sustainable energy development.

Mr Sacayon will present a copy of the book to MFAT in Wellington this week, and copies will be given to each New Zealand Development Scholarship student, as well as the campus registrars. He hopes the book will provide insights and an incentive to other foreign students with little knowledge of the country.

“The difference is this book is made by students, for students. New Zealand is so far away and it’s hard to get here. It’s not on our radar and we don’t see a lot of tourism advertising about it,” he adds.

See more of Mr Sacayon’s documentary photography [here](#).

Type: University News

Categories: Home Page article; Auckland; Book; International; Palmerston North; Uni News; Wellington

Research relationship with Syracuse sealed with joint agreement



College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson, Vice-Chancellor Steve Maharey, US Ambassador Mark Gilbert, Professor Kendall Phillips from Syracuse University and Professor Kingsley Baird from Massey's School of Art celebrate the signing of the memorandum of understanding between Massey and Syracuse.

Five years after initiating collaborations with Syracuse University in New York State, Massey University has signed a memorandum of understanding with its American counterpart.

The memorandum formalises the importance of the fine arts and design links between the two universities and outlines potential future cooperation.

Vice-Chancellor Steve Maharey and Syracuse University visiting faculty member, Professor Kendall Phillips, signed the agreement in Wellington last week, watched on by United States Ambassador Mark Gilbert and invited guests.

Mr Maharey described the signing as the right kind of investment for the University.

"In terms of creativity, fine arts and design is what the 21st century is all about," he told guests at the signing.

It would also help Massey's College of Creative Arts become an international force in art and design, he said.

Since 2010 the College has enjoyed a flourishing research relationship with Syracuse University that has included jointly organising a conference on contained memory in Wellington in 2010, symposia in 2013 and 2014, interactive skype events and visits to the Syracuse University campus by Massey School of Art and School of Design professors Kingsley Baird, Ross Hemera and Sally Morgan.

The most recent research contact between the two universities was earlier this month when Massey hosted a visit by Professor Phillips for the *Triggering Memory* Symposium, where he also delivered a keynote public

lecture.

Professors Baird, Morgan and Phillips are part of the Memory Waka, a research group aimed at building a memory research and teaching partnership between Massey and Syracuse, as well as York St John University in England.

Date: 15/09/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington

Media plays role in igniting price wars



The media's use of words like 'blow' and 'slap in the face' creates a sense of conflict and, therefore, news value.

Before Reserve Bank Governor Graeme Wheeler even announced last week's cut to the Official Cash Rate, there were media reports of fixed mortgage rates heading towards record lows. Massey University's Professor Harald van Heerde, who has spent years studying price wars, says the impact of media coverage of price cuts can be significant, sometimes even triggering a deeper spiral of cuts.

"Even though consumers and investors can see firms' marketing activity through other channels, media coverage really amplifies the reach and impact. Consumers often consider news stories to be more important and credible than the company's own communication.

"You could say it fans the fire so consumers start thinking about whether they should consider switching banks, for example."

War-like language = greater news value

Professor van Heerde says the language used to describe competitive companies in the media is an important factor in creating a sense of conflict and, therefore, news value.

"When you read headlines like 'Air NZ boss: We don't lose to Australia at home', illustrated with an image of two boxers, it really creates a sense of conflict, which makes for a better story. The tone and volume of coverage can start to trigger additional responses from both competitors and consumers."



Professor Harald van heerde.

Professor van Heerde says his research shows a significant “media effect”, especially if coverage of the price cuts is positive.

“Using complex modelling we really teased out when companies responded to their competitors' activity and when they were responding to the media. We found both the reaction of firms and investors was well above what you would expect from a typical competitive reaction.”

As well as helping to ignite price wars, Professor van Heerde says the media also plays a role in ending them.

“While consumers will always be interested to know where they may be able to find lower prices, for the media price cutting stops being a news story after a period of time. When that happens, we also start to see prices slowly inch back up.”

Date: 15/09/2015

Type: Research

Categories: College of Business

Tributes flow for historian and poet Bill Oliver



Professor Emeritus Bill Oliver with Prime Minister Helen Clark in September 2008.

Massey University Professor Emeritus Bill Oliver, considered one of New Zealand's most influential historians as well as a poet, has died in Wellington, aged 90.

Born in Feilding in 1925, he graduated with a Master of Arts from the University of New Zealand (at Victoria) in 1951 then a Doctor of Philosophy from Oxford in 1953. He lectured at Canterbury and Victoria from 1954-63 then became the foundation Professor of History at Massey for the next 20 years. At Massey he supervised and inspired a generation of significant academic historians such as Peter Gibbons, Tom Brooking, Charlotte Macdonald and Margaret Tennant.

He retired from Massey in 1983 and was appointed general editor of the Dictionary of New Zealand Biography, a role he held until 1990. Since 2007 the Massey University history programme has held a WH Oliver lecture in recognition of Professor Oliver's contribution to the discipline. In 2013 the university established the WH Oliver Humanities Research Academy to promote and support Humanities research.

Founding director of the Oliver Academy Associate Professor Kerry Taylor, says, "As a poet, historian, biographer, public intellectual and former Dean of Humanities, Bill was the natural embodiment of the Massey humanities tradition. His writing was always directed at key social and political issues, both past and present. Work such as the Dictionary of Biography and with the Royal Commission on Social Policy was applied humanities at its finest."

Professor Emeritus Glynnis Cropp, Dean of the Faculty of Humanities at Massey from 1987-97, says Professor Oliver was "an academic leader who had a formative influence on the humanities at Massey. He was highly respected for his outstanding contribution to New Zealand history; a person with a very pleasant and gentle nature and incisive mind."

Professor Emeritus Barrie Macdonald, a former Professor of History and head of the College of Humanities and Social Sciences, says Professor Oliver was very supportive of staff as they built their careers, while continuing with his own research and publications. "Bill was very attuned to the politics of the institution and very effective at promoting History within and beyond the University. He was initially sceptical about extramural studies, but later became a strong advocate of distance education."

Date: 16/09/2015

Type: University News

Categories: Alumni; College of Humanities & Social Sciences

Douwes appointed to Health Research Council



Professor Jeroen Douwes.

Professor of Public Health and director at Massey University's Centre for Public Health Research Jeroen Douwes has been appointed to the Health Research Council.

He leads a comprehensive programme of public health research with a focus on respiratory disease and environmental and occupational health. Professor Douwes is also principal investigator at the recently-established Infectious Disease Research Centre at Massey, and associate editor of the *International Journal of Epidemiology and Community Health*.

He says, "It is a privilege to support the HRC as a member of the board and as chair of the Public Health Research Committee. I will be a strong advocate for public health research in New Zealand, but will also look for opportunities to bridge the traditional gap between biomedical, clinical and public health research to ensure the best possible outcome from the HRC's investment."

The Council invests \$75 million per annum in health research, with the majority invested in highly contestable investigator-led research contributing to improved health and wellbeing of all New Zealanders.

Professor Douwes says, "There is a great need for this research given the considerable burden of ill health in New Zealand and the continued health inequalities experienced by Māori and Pacific peoples. Solutions are not always easy as we often do not fully understand the causes and mechanisms of ill health and health inequalities hampering the development of effective prevention and treatment options. The research supported by the HRC significantly contributes to these solutions."

He adds, "I have been well supported by the HRC since moving to New Zealand in 1998 through numerous project grants, a Sir Charles Hercus Fellowship and a Programme Grant and I am excited to be given the opportunity to give back to the agency which has played such a crucial role in shaping my career as a health researcher."

HRC Board chief executive Professor Kathryn McPherson says, “We are delighted Professor Douwes is joining the Council. He has had a significant connection to the Health Research Council over many years as a very successful applicant for funding for excellent research and as a member of our Public Health Research Committee. I look forward to working with him to advance health research in New Zealand in his new role.”

Date: 16/09/2015

Type: Awards and Appointments

Categories: College of Health

Māori world view leads to greater life satisfaction



Professional Māori report better work/life balance than other cultures.

New research from Massey University has compared work/life balance and life satisfaction levels across seven cultures – and found that New Zealand Māori scored the highest on both fronts.

The report's lead author Professor Jarrod Haar says that while the survey respondents do not represent all Māori, it does show that culture plays a role in the way people assess their own sense of wellbeing.

“All of the 1416 employees we surveyed were professionals and they were all generally doing well. So, we're not saying that all Māori are highly satisfied with life, but more that those Māori who are employed feel better about their work/life balance and lives more generally than, say, Pākehā.

Professor Haar and his fellow researchers compared employees from seven distinct cultures – Malaysian, Chinese, Māori, Pākehā, Spanish, French and Italian. The cultures roughly fell into two groups: those that were individualistic (Pākehā, Spanish, French and Italian) and those that were more collectivist (Malaysian, Chinese and Māori).

“Basically this is a cultural dimension that has significant impact on how people view their work and family responsibilities,” Professor Haar says. “It's about whether they see themselves as independent individuals or as tightly linked to others as part of a group.”

The study found that work/life balance was more important to workers from individualistic cultures. If they felt they were achieving it, they tended to be highly satisfied with work and life – but if they did not have work/life balance there were much stronger feelings of anxiety and depression.



Professor Jarrod Haar.

“Meanwhile, those who are part of a collectivist culture accept that working hard or long hours can be inevitable if your main goal is achieving family security,” Professor Haar says.

Good quality work and pay is important

In a comparison of Māori and Pākehā wellbeing, the research showed that Māori workers in similar professional roles consistently felt more satisfied with their lot.

“Even if work is dominating their time, many Māori employees feel they are meeting the demands of their culture by being good parents and providing what their wider whānau needs. They don't feel the same conflict or see it as a threat to their own personal wellbeing.”

Sixty-seven per cent of Māori respondents rated their work/life balance as above average, while only 58 per cent of Pākehā felt the same way. When it came to life satisfaction, the gap was even wider – 81 per cent of Māori rated their life satisfaction as above average, compared to only 59 per cent of Pākehā.

“You can see from these figures that Māori report higher levels of work-life balance, and the impact work-life balance has on overall life satisfaction appears to be stronger,” Professor Haar says. “It might also highlight the importance of good quality work and pay – especially for Māori.”

The same pattern emerges when you look at the number of people reporting below average satisfaction levels – only 13 per cent of Māori rated their life satisfaction as below average, compared to 25 per cent of Pākehā.

“If your world view is not all about your own personal wellbeing, you are more likely to feel content with your work/life balance, even if it doesn't mean you're actually working less hours.”

Date: 16/09/2015

Type: Research

Categories: Home Page article; College of Business; MPOWER

See one of Studio Ghibli's greatest animations



The Princess Kaguya was eight years in the making.

From the studio that brought you *Spirited Away*, *My Neighbor Totoro*, and *The Wind Rises* comes a powerful and sweeping epic that redefines the limits of animated storytelling.

The Tale of the Princess Kaguya marks a triumphant highpoint within an extraordinary career in filmmaking for director Isao Takahata, the co-founder of the legendary Studio Ghibli.

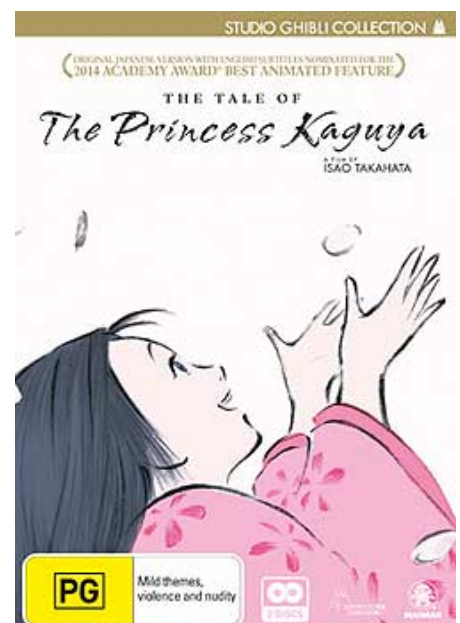
Found inside a shining stalk of bamboo by an old bamboo cutter and his wife, a tiny girl grows rapidly into an exquisite young lady. The mysterious young princess enthralls all who encounter her – but ultimately she must confront her fate, the punishment for her crime.

Released in 2013, the Oscar-nominated animation was drawn over eight painstaking years, but the story dates back to a 10th century Japanese folktale *Takekoto Monogatari* (*The Tale of the Bamboo Cutter*).

The Tale of the Princess Kaguya will be played at Massey University's Albany campus on October 5, as part of the monthly Japanese film evenings.

Preceding the main feature is a short 15-minute documentary on life and culture in Japan, which starts at 6.15pm. All films are screened in the Atrium Round Room on the ground floor of the Atrium Building. There is free parking available on campus.

For more information on the Japanese films visit: http://www.auckland.nz.emb-japan.go.jp/culture/film_show.htm



Please note: This will be the last film screening for 2015. The Japanese film evenings will begin again in February.

Date: 17/09/2015

Type: University News

Categories: Any

Massey PhD grad awarded Hamilton Memorial Prize



Dr Wooi Chee (Valerie) Soo at her Massey graduation.

Massey University PhD graduate Dr Wooi Chee (Valerie) Soo has been awarded the 2015 Hamilton Memorial Prize by the Royal Society of New Zealand.

The prize is awarded annually for the encouragement of early researchers, for research done in New Zealand.

Dr Soo, who is now based at State College in Pennsylvania, researched secondary functions of enzymes that are different to the main function they originally evolved to perform.

Dr Soo was the first to identify enzymes in the bacterium *Escherichia coli* that have additional “hidden” functions. The additional functions arise because the genome of this bacterium has a certain amount of in-built flexibility that allows them to perform different functions should the bacterium need them. This flexibility can readily become the seeds of evolutionary innovation and adaptation.

Dr Soo says, “I am honoured to be awarded the Hamilton Memorial Prize as it is one of the few prestigious prizes for young scientists in New Zealand. Getting recognised at this stage of my scientific career is a huge boost to my confidence.”

“I think the award is a recognition of not only my doctoral research, but also the conducive research environment I was in, and the extensive support I received from my supervisor and Massey University. I would not have gotten very far in science without all the help throughout my stay in New Zealand.”

Dr Soo will be giving the inaugural Hamilton Memorial Prize Lecture Series to several branches of the Royal Society of New Zealand in 2016.

Date: 17/09/2015

Type: Awards and Appointments

Categories: College of Sciences

Massey student wins thesis challenge

Master's student Hannah Young has been crowned the winner of the inaugural Three-Minute Thesis Master's Inter-University Challenge.

The ultimate "elevator pitch", the 3MT Competition is run in universities worldwide, giving students just 180 seconds to explain their thesis.

The 24-year-old's thesis, *The Phenomenology of Near-Death Experiences in Northland Māori of New Zealand* aims to shed light on the dramatic experiences from a Māori perspective.

Ms Young says, "Around one in five people have been affected by near death experiences.



Hannah Young receives her prizes from 3MT judge, Dr Gavin Ellis.

"A vast majority of the research has been carried out on European populations, meaning there are very few accounts from indigenous cultures."

Ms Young, who also took out the People's Choice award, says she couldn't have won the competition without the huge support from her supervisor Natasha Tassell-Matamua, and Massey staff. "They really came to the party, and I am so grateful to them all for the help and support over the past few months."

The School of Psychology student is currently interviewing six Māori participants, to try and establish if there are any similarities between near-death experiences across Māori and European cultures.

[See more detail here.](#)

Date: 17/09/2015

Type: Awards and Appointments

Categories: College of Business; School of Psychology

Massey spin-off sold to global veterinary company



Massey University has sold its 35 per cent stake in New Zealand Veterinary Pathology Ltd (NZVP) in the first of several expected sales of shareholdings developed under the umbrella of Massey Ventures Ltd, the university's research commercialisation arm.

The NZVP buyer is IDEXX Laboratories New Zealand, a wholly owned subsidiary of IDEXX Laboratories Incorporated, a Nasdaq-listed multinational company headquartered in Maine, United States. It is a leader in pet healthcare innovation and a worldwide provider of diagnostic tests and information for livestock and poultry as well as tests for the quality and safety of water and milk.

The New Zealand arm has acquired the majority of NZVP, which will now be known as the New Zealand Veterinary Pathology Division for IDEXX Laboratories. Other terms and conditions of sale, including the price, have not been disclosed.

NZVP was incorporated in 2004, with Brian Linehan and Angus Black as foundation shareholders, along with Massey Ventures Ltd and Vet Service Trading Ltd. The business started with laboratories in Hamilton and Palmerston North and opened an Auckland laboratory at the Auckland Zoo site in recent years.

Massey Ventures, previously known as Massey Holdings Ltd, has been in operation since 2003. Some of the businesses it holds equity in are now around a decade old, which is generally seen as an appropriate development period for knowledge-based, intellectual property-rich business.

The relationship with Massey University has been strong, with the Palmerston North Lab based on the University's Manawatū campus and working closely with staff and students in the world-ranked veterinary sciences programmes hosted by the Institute of Veterinary, Animal and Biomedical Sciences.

Massey University Assistant Vice-Chancellor Research, Academic and Enterprise, Professor Brigid Heywood says "many positives" arise from the agreement. "We expect that the strong and trusting relationship that has been established with IDEXX Laboratories throughout the commercial transactions will see the University and IDEXX Laboratories open up other opportunities which draw benefit from IDEXX Laboratories' scale and global reach and Massey's teaching and research strengths."

Massey Ventures board chair Terry Allen says, "this is an exciting landmark event in the development of commercially successful spin-outs from a leading New Zealand University". Chief executive Mark Cleaver



Assistant Vice-Chancellor Research, Academic and Enterprise, Professor Brigid Heywood

says the goal of the company is to create value for the University through commercialising intellectual property, predominantly from the research and teaching activities as well as supporting the wider innovation system.

"The outcome of this transaction shows that we can grow successful companies and create value for the University, and that we have achieved that in a timeframe that is consistent with industry expectations," Mr Cleaver says. "Like any venture business it must take a long-term view, and 10 years is a typical timeframe before financial benefits are likely to be evident."

Massey Ventures holds equity in 10 companies and manages the commercial risk, inherent in new companies, on behalf of the University.

[For more information about NZVP](#)

Date: 17/09/2015

Type: University News

Categories: Uni News

Value of research in 'fragile states' recognised



Development Studies lecturer Dr Gerard Prinsen has been honoured for his work advising on research projects to help rehabilitate war-torn African countries such as Liberia

Research that makes a difference to people's lives cannot always be conducted in safe, well-resourced environments.

So says a Massey University development studies lecturer who has been awarded for his work facilitating research projects in African nations recovering from civil wars.

Dr Gerard Prinsen, based in the School of People, Environment and Planning's Development Studies programme, has been named an "Outstanding Person" for his role as an external adviser for the Dutch Consortium for Rehabilitation (DCR).

He has worked with the consortium – which comprises four international non-governmental organisations (NGOs), dozens of local partner organisations, and several hundred employees – to assist in the rebuilding of education and health services, micro-credit facilities (small loans to poor borrowers), and local government in six post-conflict states in Africa (Burundi, Democratic Republic of Congo, Liberia, South Sudan, Sudan and Uganda).

His award marks the end of the consortium's current five-year programme, working with a budget of 63 million euro (110 million NZD) for the 2011-2015 period.

Dr Prinsen, who is from the Netherlands, says it is “really humbling to be on a list of names that includes a project manager who carries on local savings and credit schemes in Liberia while Ebola raged, a veterinary doctor in a war zone in Sudan, and a returning refugee turning farmer-extension worker in South Sudan. This makes my day, makes me feel it is possible for one person to be a bridge between different worlds.”

His role as the consortium's Central Knowledge Network Coordination involved designing, assessing and evaluating research projects by local development workers wanting to assess how best to set up and provide

a service for a region or village during the critical post-conflict period.

Empowering local professionals to do research

A recent project was to set up government-funded early childhood education services in Liberia for the first time. This involved determining whether parents were more likely to send their children to public primary schools, private schools or churches for pre-school education.

His over-arching goal in the consortium has been to demystify ideas about research as an esoteric, theoretical exercise, to be carried out in a library or laboratory equipped with the latest technology.

“My aim was to encourage local professionals who know their communities best by instilling trust that they can do research. You don’t have to have a Masters or PhD – but you need to be creative and have the courage to ask the right questions.”

Working in “fragile states” – a term for the instability of nations recovering from long periods of civil war – requires a level of pragmatism, connectedness and adaptability that many outside researchers lack, he says. Seeing their research findings help others through being shared with other aid and development networks has been empowering for local development workers too, he says.

Four Massey University students also worked on internships, both virtually and on the ground in the countries in which the consortium is based. They supported the development of some of the 25 local research projects Dr Prinsen has worked on.

Dr Prinsen completed his PhD at Massey University in local governance and public services in Africa, and has worked in many African countries setting up and managing knowledge networks.

Research on development projects in often dangerous, difficult and unstable post-conflict societies can be challenging, but – as he emphasises to his students – it really matters.

Date: 17/09/2015

Type: University News

Categories: Explore - Planning; International; Research; Uni News

Bio-tech assignment gets hands-on boost



Technician Anthony Pita showcases lab equipment to St Peter's College biology pupils Karamea Miller, 17, from Feilding, Kirstin Andersen, 18, from Palmerston North, Caitlin Grant, 17, from Feilding, and Enique Lucas, 17, from Palmerston North.

A year-13 biology class from St Peter's College, Palmerston North, visited the Hopkirk science laboratories at Massey University's Manawātū campus yesterday to get practical experience in biotechnology.

The visit was organised by Massey senior research officer Dr Julie Collins-Emerson and St Peter's senior biology teacher Matt Balm, who did a short internship with the University Epidemiology team in 2012.

He wanted to give the class the chance to see a biology laboratory in action to help their work on an NCEA assignment on applications of biotechnology.

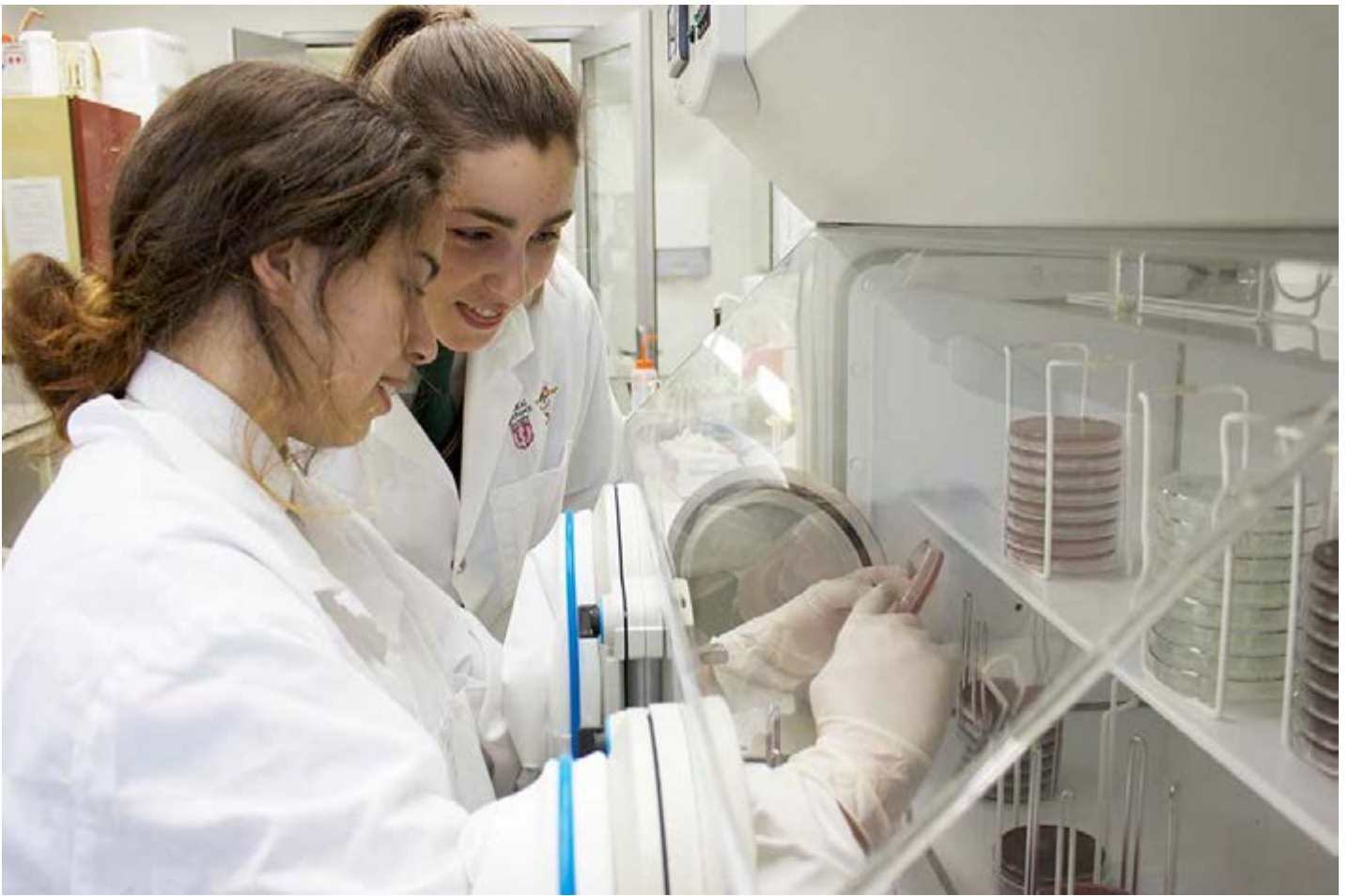
"It's great for the students to see the techniques we've been learning about in class and experience them in action," he says.

They were shown specialist equipment and how it is used and were able to get hands on with microbiology tools.

Dr Collins-Emerson was impressed with their enthusiasm. She loves bringing secondary school groups into the labs because "they often ask the most interesting questions.

"It's about keeping people excited about science."

Caitlin Grant, 17, from Feilding, says she loves science and wants to study nutrition and health science at Massey next year. "It's about looking at things around you and having a more in-depth understanding of how everything works".



Enique Lucas, 17, from Palmerston North and Caitlin Grant, 17, from Feilding, try their hand with culturing equipment at Massey University.

Date: 18/09/2015

Type: University News

Categories: College of Sciences

Massey study backs findings of Pacific rugby players' exploitation



Dr Rochelle Stewart-Withers with Koli Sewabu, a former professional Fijian rugby player whose findings of Pacific Island rugby player exploitation have been supported by an investigation by England's *Daily Telegraph* newspaper.

Former Fiji rugby professional and Massey University MBA graduate Koli Sewabu says exploited Pacific rugby players are being denied some of their human and employment rights.

The problem of widespread abuse of Fiji and other Pacific nations' rugby players – in both union and league – as the result of unethical sports agents, was reported last week in England's *Daily Telegraph* newspaper. The claim has been backed up by a Massey University study of Pacific athletes based in other countries.

Research undertaken by Dr Rochelle Stewart-Withers, School People Environment and Planning, Dr Sam Richardson, School of Economics and Finance and Koli Sewabu a Master of Business Administration graduate and ex-professional Fijian rugby player, highlights the same issues.

The Telegraph reported that some players from Fiji - ranging in age from 14 to 17 years old - were signing contracts in France.

Many players, the paper said, were being exploited by international player agents and clubs offering only short-term contracts, and producing substandard paper work and incorrect visas. Players also reported not being paid, or having to wait months for wages and, as a result, were living in substandard conditions.

The Massey study interviewed more than 100 professional and semi-professional Pacific Island athletes based in the UK, France, and Japan.

The study, carried out in 2013, argues for a regulatory framework and accreditation of agents.

“At the moment, there is no regulatory framework that can provide a structure to ensure players' welfare is well managed and protected. Flaky agents continue scouting of players who can gain them profit rather than looking out for the welfare of players,” Mr Sewabu says.

Findings from the study also indicate that there have been instances where agents charge more than the standard commission allowed, in addition to minimal or no insurance for players.

“If we are to protect players' rights and reduce exploitation we need to consider a holistic approach that addresses well-being of players and their families,” Mr Sewabu says.

This includes financial literacy and education as well as personal and professional development.

They also say that the Islands unions need to set up an efficient database or player management system to track players' profiles and statuses.

Proper career pathways need to be established to ensure player wellbeing and protection from exploitation. The study also recommends better player representation and mentoring.

Island rugby players contribute to their nation's economy in the form of remittances. Money sent “back home” raises the socio-economic status of most families, Mr Sewabu says. A better structure should be implemented to ensure players' savings are maximised, thus creating a multiplier effect to their families and communities, he says.

Date: 18/09/2015

Type: Research

Categories: College of Humanities & Social Sciences; Explore - Planning; Pasifika; Research; Sport and recreation

Prestigious research fellowships for top scientists



James Cook Fellowship recipient Professor Marti Anderson

Two top researchers from the Institute of Natural and Mathematical Sciences – Professor Marti Anderson and Dr Jane Allison – have been awarded prestigious scholarships from The Royal Society worth a combined \$980,000.

Dr Allison, a senior lecturer at the institute, has been awarded one of 12 annual Rutherford Discovery Fellowships to research how the structure and motion of biomolecules relate to their functional and evolutionary roles in biology.

The fellowships, worth up to \$160,000 each a year for five years, are to develop and foster New Zealand's future science and innovation leaders.

Dr Allison's research encompasses the development of computational techniques to investigate biomolecular structure and interactions and their application in diverse areas ranging from drug development to fathoming the earliest stages of protein evolution.

Professor Anderson, an ecological statistician, was awarded a James Cook Research Fellowship to develop her work addressing issues around the modelling of ecological communities.

The fellowship, worth \$110,000 annually for two years, is awarded to experienced researchers who have demonstrated that they have achieved national and international recognition in their area of scientific specialty.



Professor Marti Anderson

Professor Anderson's ultimate goal is to develop new rigorous models and associated new user-friendly software that will be straightforward for ecologists to allow estimation, simulation and prediction of real data.

She hopes her research will significantly advance the field of quantitative ecology, allowing scientists to develop new insights into the biodiversity of any ecological system at any scale.

Dr Allison and Professor Anderson are also a members of the University's New Zealand Institute of Advanced Study.

Science and Innovation Minister Steven Joyce announced the fellowships, administered by The Royal Society on behalf of the Ministry of Business, Innovation and Employment.

Date: 18/09/2015

Type: Awards and Appointments

Categories: Home Page article; College of Sciences; Institute of Natural and Mathematical Sciences



Dr Jane Allison

Waikato butchery takes out supreme NZ Food Award



Vice-Chancellor Steve Maharey, Magills Butchery's Ben Van Der Hoeven, Michael Van Der Hoeven, Milly Van Der Hoeven, and Minister for Food Safety Hn. Jo Godhew.

The winners of this year's New Zealand Food Awards were announced at a gala dinner at the Auckland Town Hall last night.

The awards, run in association with Massey University, attracted 150 entries in 13 categories from 79 food and beverage producers ranging from niche operators to large scale producers.

The event was attended by more than 300 guests eager to hear who is the cream of the crop in New Zealand's food and beverage sector.

Waikato's Magills Butchery Ltd was the ultimate champion, claiming the accolade of the Massey University Supreme Award, with its Magills Slow-Cooked Pulled Hereford Beef. Judges were particularly impressed at the "haute cuisine" presentation of the beef and the great flavour and texture of the product.

The Auckland region featured highly among the winners, including Blue Frog Breakfast Ltd in the convenience section with its Kaipara Kumara, Maple and Mixed Spiced Cereal; The Lovely Little Food Co in the frozen section with its I Love Pies Really Good Sausage Rolls; and Dr Feelgood Ltd in the indulgent section with its Hand Made Ice Pops - Raspberry, Lime and Coconut.

The Ministry for Primary Industries New Cultivars/Primary Producers Award went to Auckland-based New Zealand Hothouse Ltd with its Strawberry Tom, while Nelson company Tasman Bay Food Group won the New Zealand Trade and Enterprise Export Innovation Award with its classic Juicies Tubes.

Massey University Vice-Chancellor Steve Maharey says the overall standard of entries was the highest yet, reflecting the growth and excellence of New Zealand's food and beverage industry.

"It's exciting to see so many new value-added products from companies all around New Zealand," Mr Maharey says. "Massey University is proud to provide a forum to showcase food industry innovation and creativity."

Award judges food writer Nici Wickes and Auckland restaurateur Geoff Scott were thoroughly impressed by the products presented for judging.

Ms Wickes says it was a difficult job deciding on the winners "as the creativity, innovation, quality and taste of the products entered this year has been exceptional. This is indicative of the forward-thinking nature of New Zealand's food industry, and the New Zealand Food Awards really are at the forefront of this innovation."

The awards are managed by Massey University, which is also the principal sponsor. Strategic and supporting partners are Auckland Tourism, Events and Economic Development, AsureQuality, Countdown, FoodHQ, Ministry for Primary Industries, New Zealand Trade and Enterprise, Rabobank, The Foodbowl, The New Zealand Herald and Villa Maria.

For the full list of winners, please visit www.foodawards.co.nz.

Date: 18/09/2015

Type: Awards and Appointments

Categories: Home Page article; Explore - Food

Plastic bag-free status for Palmy street?



Dr Trisia Farrelly on George Street, with Carrying Our Future reusable shopping bags

The rustle of plastic could be relegated to the dustbin of history – Palmerston North CBD's hippest precinct is poised to become New Zealand's first plastic bag-free street, thanks to a campaign supported by a Massey University environmental anthropologist.

Dr Trisia Farrelly and fellow volunteers from Carrying Our Future – a lobby group working towards a plastic bag-free future for Palmerston North – launches its 'Plastic Bag Free Friday on George' this week.

Dr Farrelly, from the School of People, Environment and Planning, says the aim of the campaign on George Street is “to establish the first ‘plastic bag free street’ in New Zealand,” as part of a broader campaign to reduce and ultimately eliminate plastic shopping bags in Palmerston North.

Campaigners, including Jennifer Moss, Ari Mendtsoo and Palmerston North City Councillor Rachel Bowen, say they have the full support of George Street retailers for the initiative. On the day of the launch they will provide re-usable cloth bags made from organic fibre to retailers who do not already provide them to customers.

Their message to George Street's eateries, clothing boutiques, hair salons, book and gift shops: it is time to do something about the challenges associated with the production and disposal of single-use plastic bags.



Dr Farrelly with Palmerston North City Councillor Rachel Bowen

Starting small with great aspirations

By starting small with a one day a week plastic bag-free commitment, they hope the concept will take hold and extend to more days and more streets. “It’s aspirational, and it’s a good start to get some conversation and action going”, she says. “We want to convey a positive message – almost half of the retailers already provide plastic bag alternatives, so we are celebrating those who already do this and supporting those who are keen to offer alternatives.”

“There’s a real drive to establish the first plastic bag-free street in New Zealand among the George Street retailers,” Dr Farrelly says. “Those restaurants and cafes offering takeaways will need some time and support to move toward fully participating in ‘Plastic Bag Free Friday on George’, but they are very open to getting involved.”

Palmerston North could lead the way as the first New Zealand town to get rid of plastic shopping bags altogether, she says. New Zealanders use around 1.6 billion of them every year, and an estimated 40,000 plastic shopping bags are disposed of in landfill in New Zealand every hour.

“Plastic bags break down into invisible micro-particles – they don’t go away. They break down in the air, water, soil and sea. The toxins in plastic bags are highly damaging for the environment and its fauna, for the marine ecosystem and for human health,” she says.

Free doco screening puts plastic into planetary perspective

The launch event on Friday, September 25, will include a free outdoor movie screening of *Bag It: Is Your Life Too Plastic?* The 2010 US documentary on the harmful effects of plastics on land ecosystems, the marine environment and the human body has been described as “touching and flat-out funny”, albeit on a serious topic, Dr Farrelly says. Volunteers will be giving away free popcorn and reusable shopping bags at the screening outside 50 George Street. Retailers who already offer reusable plastic bags will be promoted at the event.

Massey students with the Volunteer Resources Centre are also participating in Carrying Our Future.

Check the Carrying Our Future Facebook page [here](#).

Date: 22/09/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Enviromental issues; Explore - Planning; Palmerston North; Uni News

Business student sails away with Go Innovate prize



Erica Dawson after winning the 2015 Go Innovate competition.

A third-year business student's idea for revolutionising the coaching of water-based sports has taken out this year's Go Innovate competition at Massey University's Auckland campus. Erica Dawson impressed both the judges and the audience by also winning the People's Choice Award for HeadCoach, a waterproof headset for coaching sailors.

"The sailor wears the headset and the coach is able to talk to them while they are out on the water through a UHF radio. Currently nothing like this exists on the market," Ms Dawson says.

A keen sailor herself, Ms Dawson is now working with researchers at Massey's School of Engineering and Advanced Technology through Go Innovate's mentoring programme.

"The engineers are confident that the technology that's needed is there and it's possible to make this product," she says, "We are starting to work on the prototype now."

Winning Go Innovate netted Ms Dawson a place on the ecentre's Sprint Programme to help develop her idea, \$1000 worth of seed funding, tickets to Auckland Startup Weekend and free web hosting from Zeald.

The former Albany Senior High School student says "it feels awesome" to have won the Dragon's Den-style competition and she is looking forward to developing her idea into a viable business at the ecentre, Massey University's startup business incubator.

"I feel it's going to be a huge help in getting this idea to market. I'm really excited to be working with the ecentre," she says. "I love the idea of being an entrepreneur and I'm really passionate about sailing. This product is only going to help my own sailing so I'm really excited to see where it goes."

The potential to 'go global'

Competition judges – ecentre chief executive Steve Corbett, Professor of Economics and Innovation Christoph Schumacher and digital marketer Olivia Willard – congratulated Ms Dawson for her scalable business model, which could see HeadCoach rolled out for other water-based sports and tourism activities.

“We chose HeadCoach because it was really innovative and has the potential to go global,” Ms Willard said. “It had a clearly identified target market, but with a lot of additional markets to expand into.”

The other finalists included a balloon that acts as a beacon for lost trampers, insurance for students who fail university papers, a retractable cellphone case and safety alarm and a smartphone app that allows the exchange of unwanted gift cards and vouchers.

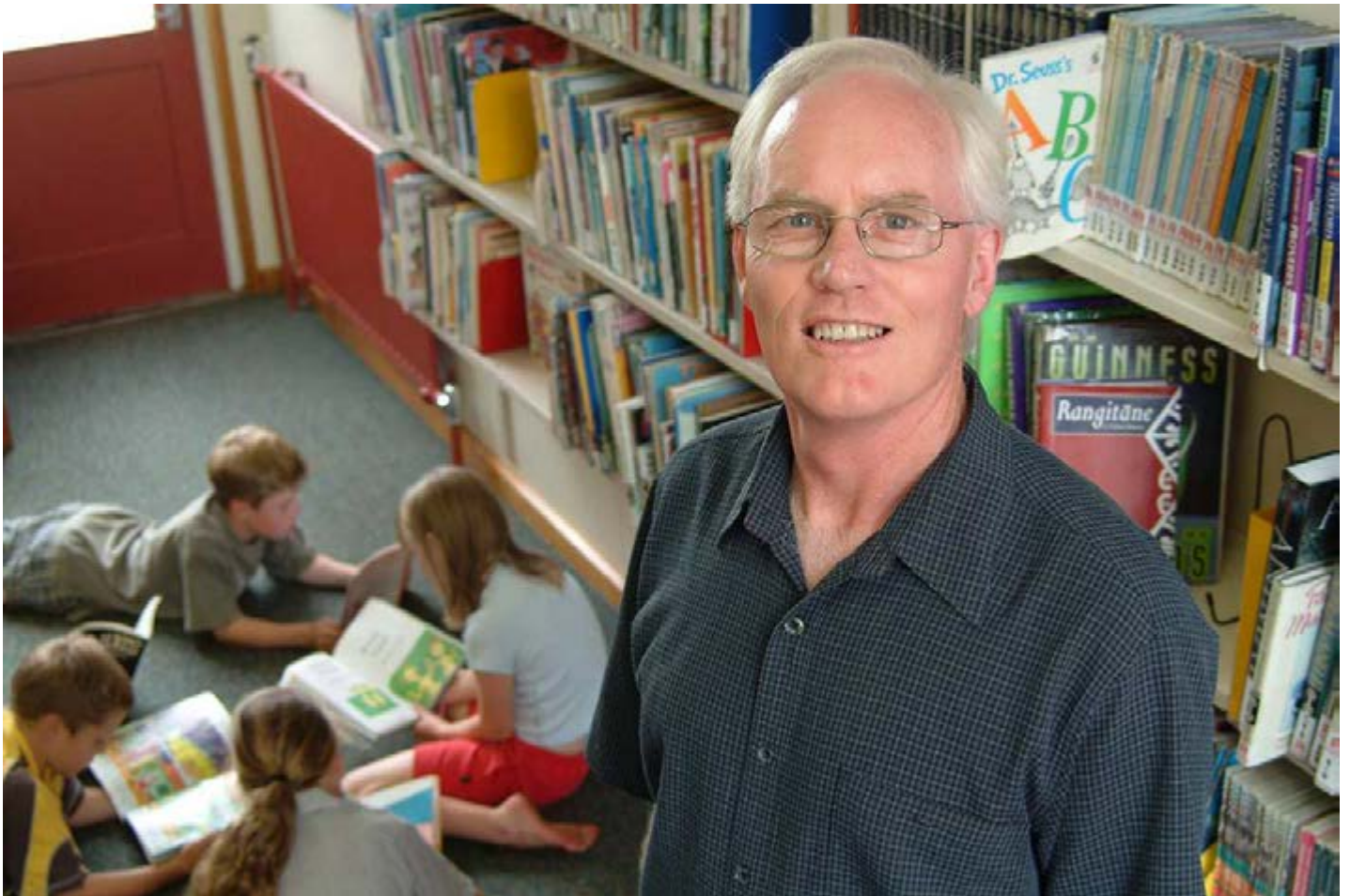
The Go Innovate competition, which is run by the Business Student Group at Massey's Auckland campus, is now in its seventh year. It aims to encourage entrepreneurship and is open to any student with an innovative idea that has real business potential.

Date: 22/09/2015

Type: Awards and Appointments

Categories: College of Business

Massey literacy project sees young readers shine



Professor James Chapman

Children in low decile schools across Porirua, Lower Hutt and North Wellington are making significant improvements in literacy, thanks to a teaching resource designed by a Massey University education master's graduate.

The *Sounds Like Fun* project is helping those in low decile schools get the same results as their high decile counterparts, and has been trialled in 32 schools for the past year.

The model is based on a teaching resource developed by Porirua educationalist and project leader Joy Allcock, who completed a Masters in Education through Massey's Institute of Education.

Literacy specialist Professor James Chapman, based at Massey's Institute of Education, designed the evaluation part of the project and has analysed the outcomes after a year of the trial. He is impressed by the results of Porirua's education initiative, Shine, which is running the trial.

The literacy model gives teachers extra strategies and resources to help all children get off to a better start with their reading and writing, and is producing "stunning results," he says.

Closing the literacy gap

Children in higher decile schools are generally more likely to benefit from the standard approach to literacy instruction. "But we've known for over a decade now that too many children in low decile schools don't benefit from this," he says.

"It's so good to see children in low decile schools showing such good progress. Instead of lagging behind those in higher decile schools, these children are getting very close to age-appropriate reading and spelling performance. The results are not only closing the gap between high and low decile schools but are also

showing accelerated progress for Māori and Pasifika children.”

“We're proud of what Joy Allcock is doing. As a Masters graduate from Massey University, she really can put theory and research into practice that benefits teachers and children. More schools should be taking on board the type of literacy teaching approach that Joy has developed.”

Trying a new approach

Ms Allcock says *Sounds Like Fun* takes a different approach to literacy teaching.

“It uses children's vocabulary as a starting point for literacy. We work from what children know to what they don't know – from words to sounds to print. This is why the programme has been so successful – all children can participate no matter what their prior literacy knowledge might be.”

John Cody, of Shine, says the project came from community discussions. “It is led by local people, has received funding and support from charitable trusts, in particular from the Porirua Foundation, and is contributing to the Long Term Plan for Porirua city – putting children at the centre of decision making.”

Porirua mayor proud of improvements

Porirua Mayor Nick Leggett says it's exciting to see the gaps in knowledge that children may have when they start school, can be closed in just one year.

“I'm thrilled that Porirua children are benefiting from the wonderful work Joy, James and classroom teachers are doing. It's very relevant for Porirua. Around 40 per cent of our population is aged under-25 and a high percentage is Māori and Pasifika.

“This is about reducing the gap between those kids at the bottom and those at the top of the achievement scale in reading and writing – right when it counts – in their first years at school. This work should be given the highest priority by the Ministry of Education,” he says.

Date: 22/09/2015

Type: Research

Categories: Applied Learning; College of Education; College of Humanities & Social Sciences; Research; Teaching

Fifteen new professors promoted



Kathryn Stowell

Fifteen Massey University staff have been promoted to professor and 13 to associate professor in latest promotion round. The promotions take effect from January.

The new professors will be:

- Associate Professor Donald Bailey, School of Engineering and Advanced Technology, College of Sciences, Manawatū
- Associate Professor Chris Bennewith, College of Creative Arts, Wellington
- Associate Professor Barry Borman, Centre for Public Health Research, College of Health, Wellington
- Associate Professor Rosemary Bradshaw, Institute of Fundamental Sciences, College of Sciences, Manawatū
- Associate Professor Jane Coad, Massey Institute of Food Science and Technology, College of Health, Manawatu
- Associate Professor Murray Cox, Institute of Fundamental Sciences, College of Sciences, Manawatū
- Associate Professor Brett Gartrell, Institute of Veterinary, Animal and Biomedical Sciences, College of Sciences, Manawatū
- Associate Professor Nigel Grigg, School of Engineering and Advanced Technology, College of Sciences, Manawatū
- Associate Professor Xiaoming Li, School of Economics and Finance, College of Business, Auckland



Brett Gartrell



Jacqueline Sanders

- Associate Professor Valentyna Melnyk, School of Communication, Journalism and Marketing, College of Business, Auckland
- Associate Professor Jacqueline Sanders, School of Social Work, College of Health, Manawatū
- Associate Professor Richard Shaw, School of People, Environment and Planning, College of Humanities and Social Sciences, Manawatū
- Associate Professor Kathryn Stowell, Institute of Fundamental Sciences, College of Sciences, Manawatū
- Associate Professor Shane Telfer, Institute of Fundamental Sciences, College of Sciences, Manawatū
- Associate Professor Steven Trewick, Institute of Agriculture and Environment, College of Sciences, Manawatū



Murray Cox

The new associate professors will be:

- Dr Philip Battley, Institute of Agriculture and Environment, College of Sciences, Manawatū
- Dr Kirsty Carpenter, School of Humanities, College of Humanities and Social Sciences, Manawatū
- Dr Sandra Heffernan, School of Design, College of Creative Arts, Wellington
- Dr Imran Muhammad, School of People, Environment and Planning, College of Humanities and Social Sciences, Manawatū
- Dr Karoly Nemeth, Institute of Agriculture and Environment, College of Sciences, Manawatū
- Dr Janet Sayers, School of Management, College of Business, Auckland
- Dr Tracey Signal, Sleep/Wake Research Centre, College of Health, Wellington
- Dr Andrew Sutherland-Smith, Institute of Fundamental Sciences, College of Sciences, Manawatū
- Dr David Thomas, Institute of Veterinary, Animal and Biomedical Sciences, College of Sciences, Manawatū
- Dr Jason Wargent, Institute of Agriculture and Environment, College of Sciences, Manawatū
- Dr Aiqian Ye, Massey Institute of Food Science and Technology, College of Health, Manawatū
- Dr Andrew Worth, Institute of Veterinary, Animal and Biomedical Sciences, Manawatū
- Dr Georg Zellmer, Institute of Agriculture and Environment, College of Sciences, Manawatū



Chris Bennewith



Jane Coad

Date: 22/09/2015

Type: Awards and Appointments

Categories: College of Business; College of Creative Arts; College of Education; College of Health; College of Humanities & Social Sciences; College of Sciences



Valentyna Melnyk

Tri'd the Tri creator shows he still has it



Professor Andy Martin at the start of the World Champion Triathlon in Chicago.

Twenty-five years ago Sport Management lecturer Associate Professor Andy Martin competed in his first Olympic distance triathlon in Taupo, two months before finishing the Auckland Ironman. Just last week Professor Martin competed in his first World Championship Triathlon in Chicago alongside his 16-year-old son David.

The teen led the U19 age group swim and had a 15-second lead off the bike before fading on the run, but he says it was an invaluable learning experience. For his father, the goals were more modest, but he loved the experience of competing in both the Sprint and Olympic distances. Remarkably Professor Martin set a personal best in the Olympic distance, a quarter of a century on from his last one.

Professor Martin set up and has managed the kids' *Tri'd the Tri* series of triathlons in Palmerston North since 2004. This year Manawatū triathletes Jaimee leader and Lizzie Standard were also competing in the U19 elite races in Chicago.

Professor Martin says, "With 700 kids taking part in the programme each week, there are now junior role models from Palmerston North coming through that are able to compete with the world's best."

The next activity for Professor Martin is getting some practice in for a return to the upcoming summer Premier Tennis competition in the Manawatū.

Date: 22/09/2015

Type: Internal Communication

Categories: Any

Massey's 'big data' sponsorship deal a New Zealand first



Massey University's data analytics programme has attracted the sponsorship of the world's leading business analytics software provider. The agreement with SAS is the first of its kind with a New Zealand university and will provide students with SAS certification credentials, research funding and internship opportunities at some of Australasia's largest firms. In partnering with SAS, Massey joins the ranks of internationally-renowned business schools, including those at the University of Melbourne and Oklahoma State University.

The sponsorship agreement will enhance Massey's Master of Analytics programme, New Zealand's most business-focused analytics degree. Programme leader Professor Leo Paas says the collaboration means students can be confident they will develop the skills needed by industry.

"Our students will not only get a Master of Analytics but also SAS certification for many of its licensed courses. These are the most widely-used analytics software packages for big data applications and therefore highly sought after by employers."

According to SAS New Zealand general manager Geoff Beynon, "Increasingly, our customers are asking the question, 'where will my organisation find its next analytics talent?' This partnership with Massey will not only help industry locate high calibre resources and assist in addressing the skills shortage, but also provide SAS skilled business graduates who will hit the ground running."

Leo Paas: Big Data and Business Analytics | Big Issues in Busin...



Professor Leo Paas discusses big data research.

Keeping academic learning in line with business practice

Professor Paas says SAS' sponsorship will ensure that Massey's academic programme continues to be cutting-edge and in line with business practice.

“SAS' business insights will ensure our lecturers remain up-to-date. It's important we know what's happening out on the frontline so we can teach the latest methods and address the challenges companies face through our research.”

Students will also benefit from research grants and access to SAS' global network of clients.

“At the end of our programme students complete a real analytics project for their employer or another company. This sponsorship will allow us to expand those projects by opening up options for travel or to purchase additional data sets,” Professor Paas says.

“The SAS network includes many of the leaders in data analytics, so the opportunity to get our students into those firms to undertake internships and research is really important. That is the sort of experience that makes you really employable.”

Date: 22/09/2015

Type: University News

Categories: Home Page article; College of Business

Massey in teaching partnership with China's Hebei University of Technology



Head of Massey University's School of Engineering and Advanced Technology, Professor Don Cleland, with Professor Suying Gao, the Dean of International Education at Hebei University of Technology, at the commencement ceremony on the Beichen campus in Tianjin, China.

Massey University head of the School of Engineering and Advanced Technology (SEAT) Professor Don Cleland attended a ceremony in China earlier this month to celebrate a new academic initiative with Hebei University of Technology (HEBUT).

The first cohort of 60 students has enrolled in the joint delivery of the Massey Bachelor of Information Sciences and HEBUT Bachelor of Internet of Things. They were among more than 4000 first year students who attended the commencement ceremony at the new Beichen campus in Tianjin, China.

Professor Cleland was on the front stage and was introduced during the ceremony as part of the new 3+1 teaching collaboration agreement signed in 2014.

The students will complete a Bachelor of Information Sciences at Baichen, led by Massey University staff teaching a range of degree-specific papers at HEBUT in English, before spending their final year at Massey's Auckland or Manawatū campus. Students will graduate with a Massey University degree.

Hebei University of Technology (HEBUT) is a key provincial university, which specializes in engineering studies and combines multiple academic areas including technology, science, economics, management and arts.

Date: 22/09/2015

Type: University News

Selby Cup awarded to physical education senior tutor



Lana McCarthy and the Manawatu U17 team she coached, after they won the 2015 Steffenson Tournament in Palmerston North.

Physical education senior tutor Lana McCarthy was recently the recipient of the Manawātū Netball Selby Cup, its Spirit in Coaching Award, for her contribution towards coaching in the Manawātū for 2015.

This season Miss McCarthy was a nationally and regionally-appointed netball coach to a range of high performance teams spanning secondary school, U17 and U23 level. Her coaching has been supported by her research and teaching expertise related to the development of coaching methods, team culture and leadership.

Associate Professor Andy Martin supervised the research, and says, "Lana has been particularly innovative in applying theory to practice in developing team culture and leadership within the Palmerston North Girls High School team this season. She has adapted her coaching methods to develop and empower a senior leadership group within the team."

In 2014 Miss McCarthy conducted a commissioned piece of research with the Northern Mystics Netball franchise and presented that report to Netball Northern late last year. She is now in the final stages of completing her master's thesis based on that research.



Lana McCarthy receiving the Cup at the Manawatu Netball prize giving.

She will also be giving two workshop presentations at the upcoming Game Sense for Teaching and Coaching Conference in November at the University of Canterbury. Next year, Miss McCarthy hopes to continue her coaching research by undertaking a PhD focusing on leadership within high performance women's sport teams in New Zealand.

Date: 23/09/2015

Type: Awards and Appointments

Categories: Home Page article

National Social Workers' Day



Dr Kieran O'Donoghue.

Today's social workers deal with more complex issues as they continue to contribute to making New Zealand a more just, caring and humane society, says Associate Professor Kieran O'Donoghue, Head of Massey University's School of Social Work.

His comments acknowledge the more than 2000 social work graduates of Massey University he says are making “a significant impact in people's lives across all fields of social work practice as New Zealand celebrates National Social Workers' Day.”

Dr O'Donoghue commends the “resilience, passion, commitment and compassion of social workers who work in a dynamically changing context, which is a complex mix of constrained resources, high accountability and public scrutiny.”

“In the face of these pressures, social workers continually support vulnerable and socially excluded people to manage and/or change the difficult social situations they experience.”

He says today's social work is complex, specialised, and contractually managed in four major areas: children, families, and whanau affected by neglect, abuse, violence and offending; the provision of support and care for people experiencing health, disability, mental health and addictions issues; social challenges affecting children at school that contribute to challenging behaviours in the classroom and playground; and assessing needs and coordinating services so those most in need can access and receive support services.

“Across all fields of practice, social workers engage with people through the medium of a professional relationship,” Dr O'Donoghue says. “In doing so, they aim to facilitate participatory change, while ensuring the safety of the most vulnerable and at risk. It is challenging and demanding work that requires ethical maturity, emotional intelligence, compassion and interactional practice skills.”

“For practitioners, social work is both a career and a calling that seeks to fulfil the words of Ghandi, who said, ‘We must become the change we wish to see in the world’.”

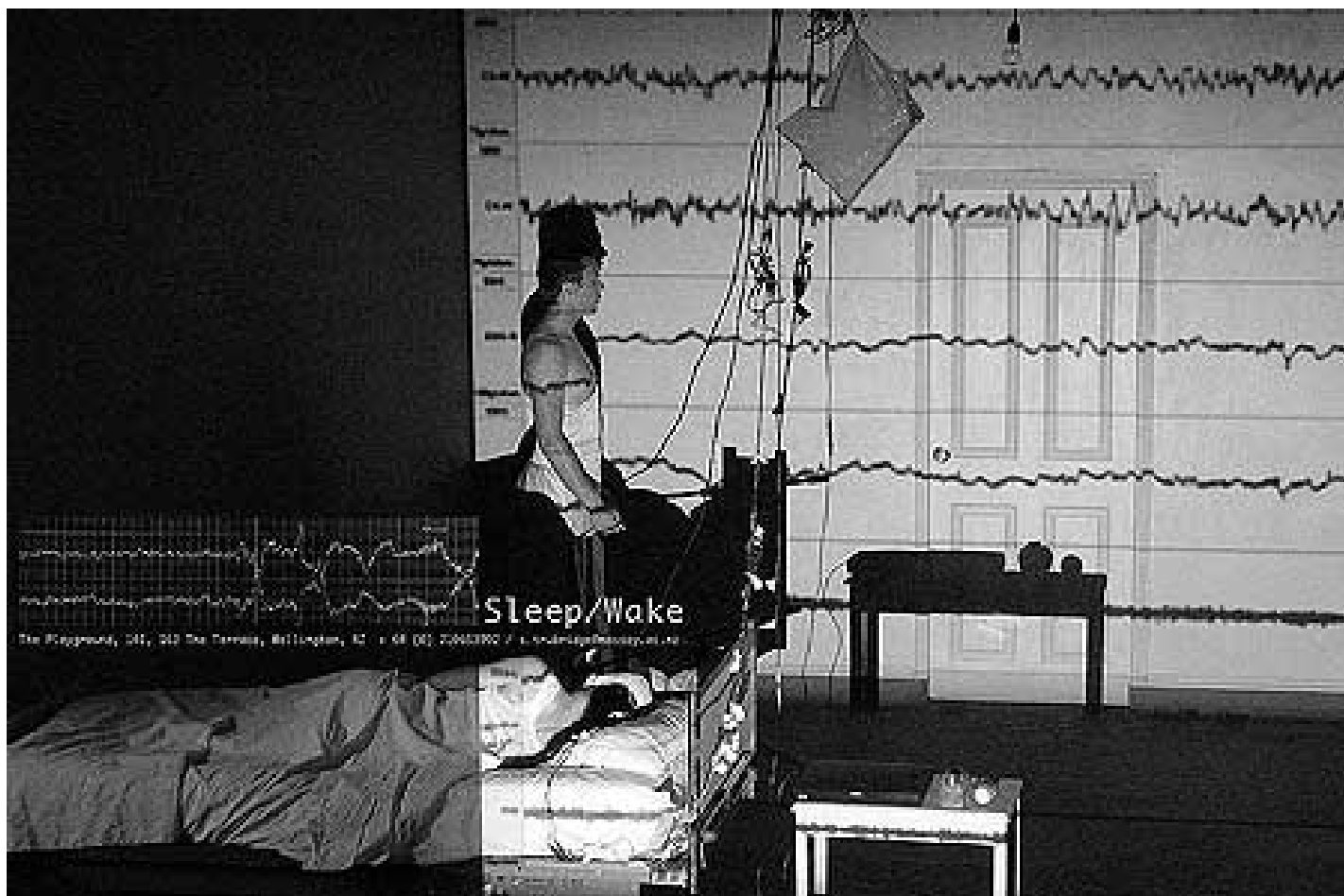
National Social Workers Day is on Wednesday September 23.

Date: 23/09/2015

Type: Features

Categories: College of Health

Daylight saving a nightmare for some



It's that time of year again, when our clocks go forward an hour, the mornings plunge back into darkness, and insomnia ensues. For many, the welcome sunny evenings are plagued by restless nights and lost sleep.

So what can you do to keep your internal clock on time? Dr Lora Wu, a research officer at Massey University's Sleep/Wake Research Centre, says even though the amount of sleep lost during daylight saving seems small, it can have a big impact. She says large studies overseas have shown in some countries an increase in the number of motor vehicle accidents following the time change.



Dr Lora Wu from the Sleep/Wake Research Centre

Dr Wu says, "Daylight saving challenges your internal timekeeper, the circadian clock. Your circadian clock does not automatically shift with daylight savings, so it can take some time to recover.

"Springing forward is harder than falling back in time. It is easier to fall asleep and wake up later than it is to fall asleep and wake up earlier each day. It will likely be harder for night-owls to adjust, which means it can be tough on teenagers and young adults."

Some handy tips

- Try to get a lot of natural sunlight exposure when you first wake up in the morning.
- Avoid bright lights in the evening (including light from TVs, computers, and mobile devices).
- Avoid caffeine in the afternoon and evening.

- Don't use alcohol as a sleep aid.
- Give yourself extra time for travel. A lot of sleepy drivers on the road is never a good thing.
- Bring your bedtime and wake-up times forward by 20 minutes per day for the day before, during, and after daylight saving to give yourself time to adjust.

Date: 24/09/2015

Type: Features

Categories: Home Page article; College of Health; Explore - HEALTH

Story of Brazil's diverse languages and people



An initiation rite being performed by Brazil's Karajá people

Brazil's vast Amazon rainforest makes news because of threats to its unrivalled biodiversity. Visiting scholar Dr Marcus Maia will discuss that region's equally breath-taking linguistic and cultural diversity – and efforts to preserve it – in a series of lectures at Massey University.

Dr Maia, Associate Professor of Linguistics at the Federal University of Rio de Janeiro and researcher with the National Council for the Development of Science, will take local audiences on a journey into the Brazilian interior, home to nearly one million people and 150 indigenous languages and cultures.

The visit is sponsored by Massey's W.H Oliver Humanities Research Academy. Director, Associate Professor Kerry Taylor, says; “the maintenance of languages and cultures is a crucial issue both globally and in our own backyard. Dr Maia's visit is driven by a desire to learn from the local experiences and also to share his own lessons from the Brazilian context.”

Drawing from 30 years of experience as a linguist working with and for indigenous communities, Dr Maia will start by defining what it means to be ‘indigenous’ in Brazil today. He will discuss the main language families found in Brazil – Tupi, Jê, Carib, Aruak – to convey why the Brazilian interior is the most linguistically diverse region in the Americas, says Dr Peter Petrucci, a senior lecturer in linguistics at Massey's School of Humanities who is coordinating the series with the Brazilian Embassy.



Araguaia River near Karajá village

Treasuring indigenous languages and knowledge

The free public lectures, at Massey's campuses in Auckland and Wellington and at the Palmerston North City Library in the coming weeks, will feature a 30-minute documentary focusing on a specific group, filmed with the assistance of his partner, anthropologist Chang Whan. They are the Karajá, who live in and around Ilha do Bananal, the largest river island in the world, situated on the Araguaia River.

“As we learn from a 30-minute documentary about initiation rites, the Karajá are an important example of linguistic and cultural resistance in Brazil,” says Dr Petrucci. “Despite frequent contacts with Brazilian society, every member of the community learns Karajá as their first language. The language shares subtle links with the biodiversity of Central Brazil – the named stages of a boy's development into manhood, for instance, are based on the rich fauna of the region.”

In his commentary for the film, Dr Maia demonstrates the productive vitality of the Karajá language, both in its traditional forms and in new forms resulting from increasing contact with Brazilian society, where Portuguese – the official language – is spoken by the vast majority.

“Much like linguists, educators and elders working with the Māori language, Dr Maia views each of Brazil's 150 indigenous languages as a treasure that needs to be nurtured, protected and celebrated,” he adds.

Indigenous languages are precious due to the knowledge of local biodiversity they have inherited, he says. “You lose a system of knowledge each time you lose a language.”

During his lecture Dr Maia will discuss work that is being carried out across Brazil in indigenous bilingual education and ongoing UNESCO-supported documentation projects like those involving the Karajá.

***A Journey into the Brazilian interior* lecture details:**

Monday, 28th September: Albany Campus - 6:30pm (Sir Neil Waters Lecture Theatre Building)

Friday, 2nd October: Palmerston North City Library - 7:00pm

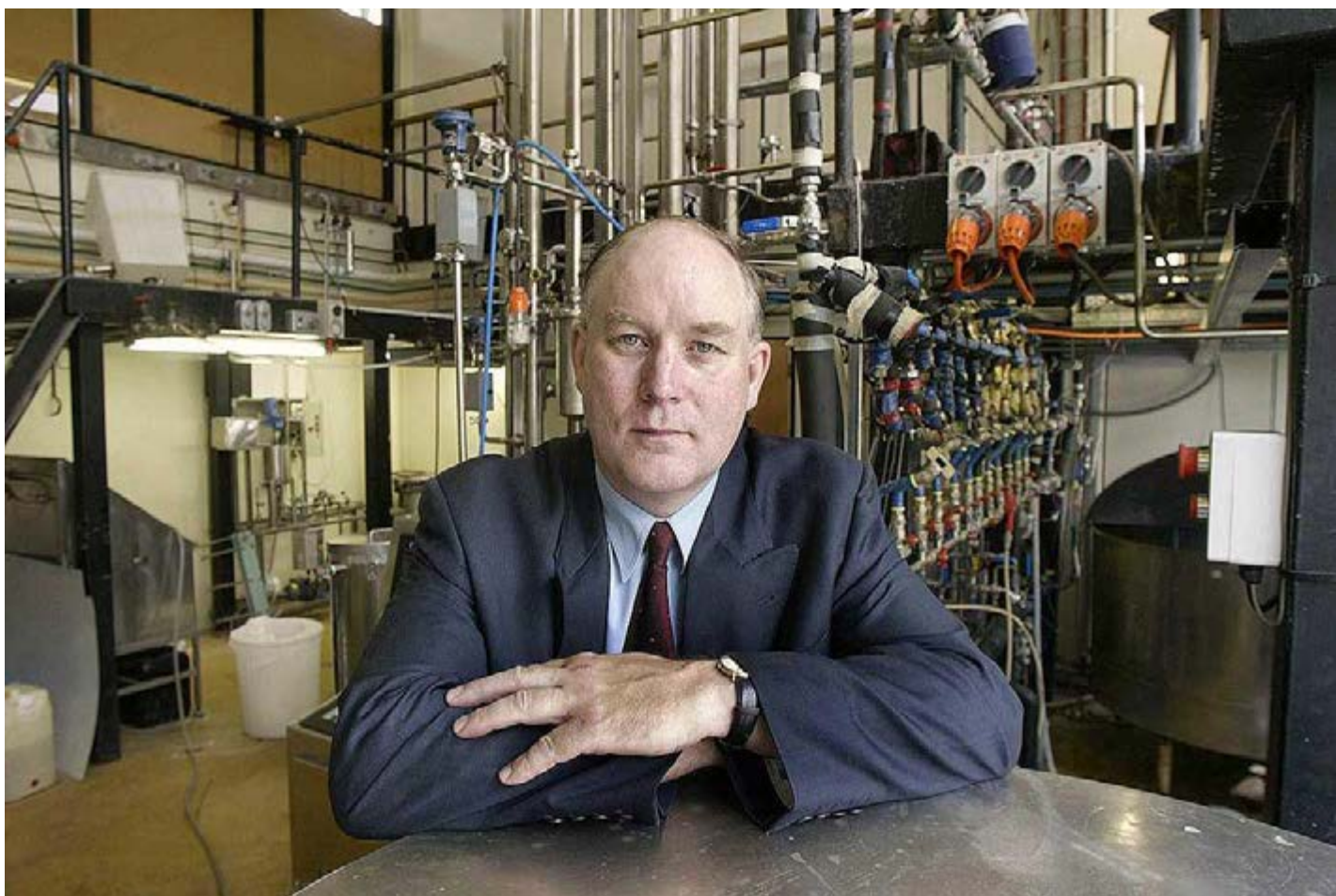
Tuesday, 6th October: Wellington Campus 7:00pm (Executive Seminar Suite)

Date: 24/09/2015

Type: University News

Categories: College of Humanities & Social Sciences; Conference/Seminar; Feature; International; School of Humanities; Uni News

Knowledge wave for agrifood sector needed



Distinguished Professor Paul Moughan

New Zealand needs a knowledge wave in agrifood to help address a crisis around global food demand amid world population growth, internationally respected Massey University food scientist Distinguished Professor Paul Moughan says, ahead of forums to debate the issues next week.

So what role will we play in the agriculture and food revolution where New Zealand has the potential to be a world leader? Professor Moughan, who recently returned from being part of an international think tank on world food security, will lead discussions on these issues at the New New Zealand Forums in Auckland and Wellington in early October, along with a panel of specialists in health, food science and agribusiness. Their discussions will prove especially relevant in the wake of the current volatility being seen in world food prices.

Good years still lay ahead for New Zealand but it is essential the potential offered by technology is realised, Professor Moughan says.

“We've got a real opportunity here, but it's about bringing science, technology and education into the agricultural sector.

Technology is key

“We live in amazing times for technology, and if we can harness all of that technology we can not only increase value and be more productive, but also be better for the environment.

“New Zealand should be leading the pack in applying [subjects like] computer science in agriculture. That's where we should be world leaders.”

While New Zealand is only a small fraction of the world's landmass, we have a long history of science and technology in what is a biological farming-based economy, he says.

“We have a lot to offer the world, but to produce more food, and better food, we need to start thinking smarter, not necessarily bigger.”

With the world's population growing rapidly, Professor Moughan says we need to produce around 70 per cent more food by 2050. Not just more food, but better food.

We need a knowledge wave

His proposal is for a knowledge wave similar to the Government-backed conference of 2001, using innovation and technology as its drivers but focused on its primary assets. “We need a knowledge wave but we need it to be in agriculture and food. That is where the markets of tomorrow lie for New Zealand. That's not to say we shouldn't diversify our economy – of course we should – but let's not neglect the primary driver.”

Professor Moughan wants a New Zealand that understands the comparative advantage it has when it comes to agriculture and food, its health benefits and food safety. “New Zealand needs to fully embrace its agricultural and food industries.

“As a country, we are truly world class in that arena, and have a lot of potential to offer the world. We should view this like we view the All Blacks – with immense pride – wouldn't that be something to aspire to?”

What about the economy?

Head of Agribusiness and Property for Westpac, Mark Steed, a panel participant at the forums, says producing more food on a sustainable basis is a challenge confronting everyone in the primary sector in New Zealand.

“Remaining internationally competitive and environmentally and socially sustainable, while still producing high quality internationally demanded foodstuffs, is arguably New Zealand's biggest challenge in the 21st century, particularly using our traditional grass based production systems.

“Smart thinking backed by great high quality science and world leading technology are key components in tackling this challenge.”

Auckland event details:

Panelists: Professor Harjinder Singh, Professor Paul McDonald and Head of Agribusiness and Property for Westpac Mark Steed. The panel will be moderated by TV3's Mike McRoberts.

Date: 1 October

Time: 7.30 to 9.45 am – Breakfast provided

Venue: Westpac on Takutai Square, Auckland

Register [here](#).

Wellington event details:

Panelists: Professor Harjinder Singh, Professor Paul McDonald and Head of Agribusiness and Property for Westpac Mark Steed. The panel will be moderated by TV3's Samantha Hayes.

Date: 7 October

Time: 12.30 to 2.45 pm – Lunch provided

Venue: Westpac Stadium, Wellington

Register [here](#).

Date: 24/09/2015

Type: University News

Categories: Home Page article; College of Health; Explore - Agriculture/Horticulture; Explore - Food; Explore

Opinion:Flags mean much more in an ever-changing world



There is more to this debate than a design competition - flags are a symbol of national identity

Beth Greener

The current flag debate is riddled with problems. There is more to this than a design competition. Flags are a symbol of national identity, and the state-centric nature of our world that flags represent seems at odds with what the world is wrestling with at the moment: how to deal with its biggest refugee crisis since World War II.

Responses to the refugee crisis have been mixed. In Europe, for example, some have raged against the influx of migrants, others have welcomed those seeking sanctuary. Social media has been inundated with images of children who have drowned and with claims that ISIS is using the chaos to infiltrate the continent. New Zealand has also been debating about what to do in response to the crisis and at the same time a parallel debate continues on whether we should have a new flag and which one it should be. This debate threatens to overshadow the refugee crisis and ironically it highlights a quality of a nation's flag - that it can be a symbol that creates divisions within humanity. Them and us.

The refugee crisis has stirred conservative concerns about the ability to absorb more people and the need for countries to be properly equipped to integrate a new and traumatised population. Others say the causes of the calamity need to be addressed by confronting ISIS, addressing the civil war and ensuring that those who seek to be repatriated at a later time will be able to do so.

Compelling too, are questions about the need to 'look after our own first'. This includes the need to ensure our infrastructure is not overloaded, that existing problems such as child poverty and domestic violence are addressed and to respond to forecasted demographic changes. Discussions over both refugees and the flag are essentially like discussing how to deal with different parts of the same elephant in the room. Grasping an

annoyingly flapping tail and pushing away a probing tusk has preoccupied us so much that we fail to try to comprehend the elephant as a whole.

We need to think of responses to prevent humanitarian crises in the first place. So in addition to increasing the refugee quota permanently, which was publicly shown to be embarrassingly low, New Zealand needs to address the more structural problems.

New Zealand was voted on to the UN Security Council in large part because of promises to help those less powerful than us in international affairs.

We could, for example, focus on increasing our Official Development Assistance internationally to 0.7 per cent of our GDI (Gross National Income) to help prevent conflicts, develop infrastructure and uphold human rights. It means rethinking the relevance of borders at a regional and global level, to experiment with more labour migrant schemes and to consider how the system for the movement of people might be made more just.

At home, this also means ensuring the rich-poor gap narrows rather than widens, and that tolerance and a respect for difference is learned in our schools, universities and homes. The New Zealand Political Science Association is currently looking at how politics and civics can be discussed in secondary schools and Massey University is bringing in a new Bachelor of Arts degree to emphasise critical thinking, citizenship and engagement. Two of its papers – one in the first year - asks students to reflect on their roles as citizens of New Zealand, and a second-year paper asks students to consider their role as global citizens.

This brings us back to the flag. The values of sharing and tolerance could, and should, be central to the creation of a new New Zealand flag. But how do we want to represent those values? Can we adopt a flag that is somehow less about nationalism and more about humanity? Does 'Red Peak' point us in this direction or should we be looking to replace the Union Jack with a symbol of the United Nations?

As the world becomes more globalised, and we become more entwined in each other's affairs, the obligation we feel should be extended beyond borders. As a small, relatively wealthy country we have the luxury to be innovative with our flag design, while remembering what flags represent, especially amid a humanitarian crisis. We also have the *responsibility* to do so.

Beth Greener is an Associate Professor in Politics in the School of People, Environment and Planning at Massey University

Date: 25/09/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Feature; Government Policy commentators; Opinion Piece

Massey students helping to combat human trafficking in Cambodia



Social work students from Waikato and Massey Universities currently on placement in Cambodia. Back row (L-R): Alex Dentener, Hannah Morris, Chris (from Justice Reach). Front row (L-R): Dr Kathryn Hay, Gina Barnes, Georgea Hiini, Su (supervisor), Rochelle Doyle.

Social work students from Massey and Waikato Universities are working together to contribute to the fight against child sex trade and human trafficking in Cambodia.

Five students from across both universities are currently based in Phnom Penh, Cambodia, where they are spending 10 weeks on a student placement working in conjunction with Justice Reach, a New Zealand based NGO committed to setting children free from the abuse of human trafficking and the sex trade.

The Cambodia placement is a first for both universities, who have been working with Justice Reach since the start of the year to make it happen.

"We are pioneering a new type of social work placement for New Zealand tertiary institutions," says Dr Kathryn Hay, Massey University Senior Lecturer in the School of Social Work. "The placement is challenging due to the location and subject, but the personal and professional development of the students is invaluable.

"This is a fantastic opportunity for the students to experience social and community work practice in a completely different context. Learnings from their experience in Cambodia can be transferred to their social work practice back home, especially around working cross-culturally, group work and managing community development projects."



While in Cambodia Dr Kathryn Hay and Simon Lowe visited the Royal University of Phnom Penh social work department.

Total immersion experience

As part of the placement, Gina Barnes, Hannah Morris and Alex Dentener from Massey University and Rochelle Doyle and Georgea Hinii from the University of Waikato are working with youth (18 and under) within the Wat Phnom district. Together they are undertaking a scoping exercise to explore NGO, community, and government responses to child trafficking, current initiatives, challenges, gaps and opportunities for future development. The students' work will culminate in a report for Justice Reach addressing the needs and responses for children who are trafficked into the sex industry.

After six weeks, the students' time in Cambodia has proven both challenging and rewarding, says Massey University fourth year student Gina Barnes. "I would recommend an international placement to anyone who is really keen on developing their cross-cultural skills. This is a total immersion experience," she says.

The 25 year-old says the placement has helped to grow and develop her skills in teamwork and communication, as well as working effectively in cross-cultural environments and increasing her knowledge of human trafficking and international social work.

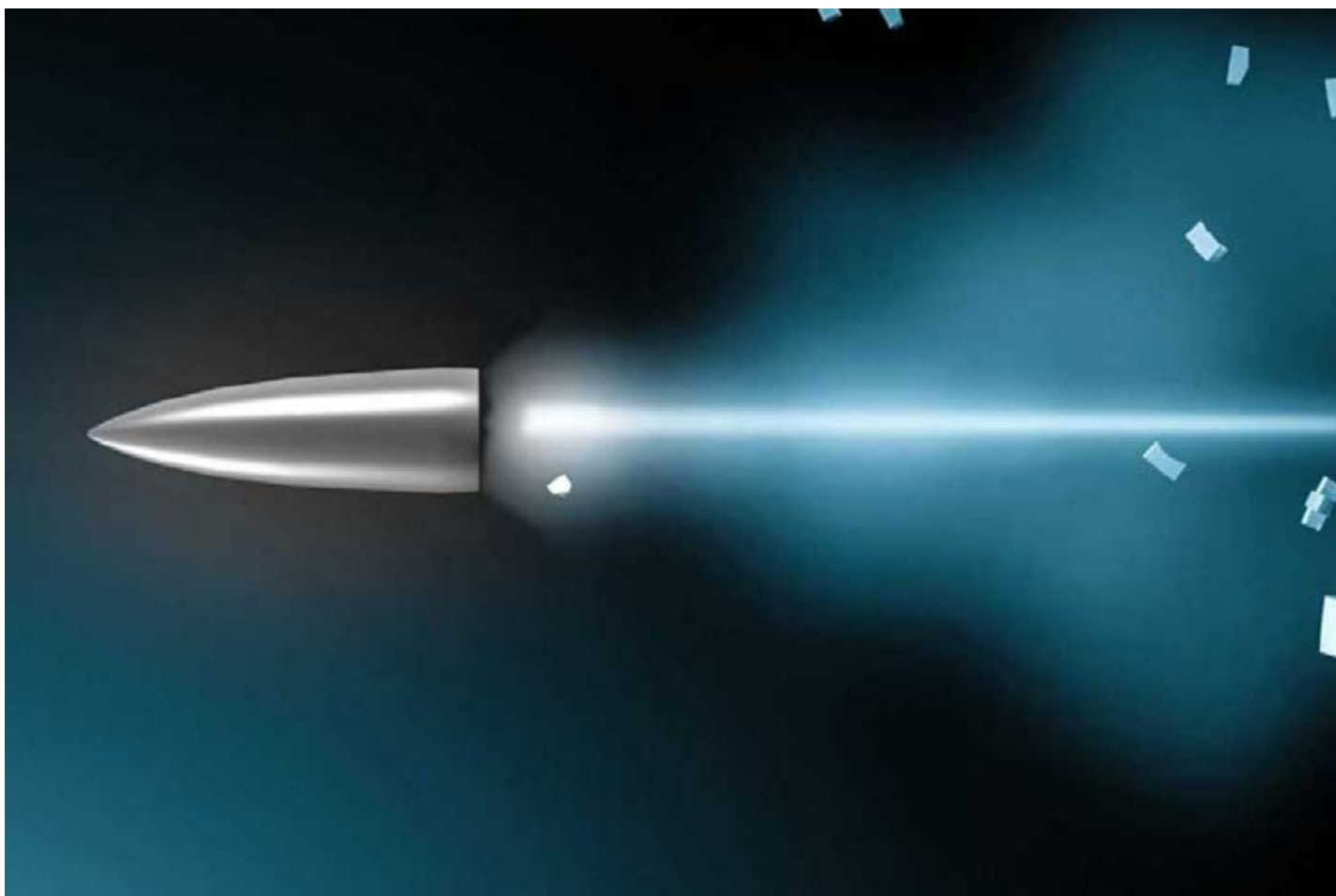
Both Dr Hay and Mr Lowe accompanied the students to Cambodia and supported them for their first few weeks. A registered social worker from NZ is also accompanying the students for the duration of the placement, providing professional supervision.

While in Cambodia Dr Hay and Mr Lowe visited the Royal University of Phnom Penh social work department to explore possibilities for future connections. The NZ students have also met with their Cambodian counterparts to share their placement learnings.

Date: 25/09/2015

Type: Features

E-voting: No silver bullet for low voter turnout



Only engagement with the issues will increase voter turnout, says Dr Andy Asquith.

Much has been made of the proposal to use local body elections to trial e-voting in 2016. Just this week, Dunedin City Council became the latest local authority to vote not to participate in the experiment.

Its withdrawal has reduced the original pool of 13 councils interested in the trial to just eight. The small remaining number has raised questions over the financial viability of the experiment, with calls for the Department of Internal Affairs to finance the project, rather than the local councils themselves.

The decision by Dunedin Council to withdraw was based around three main themes – cost (put at \$165,000 on top of the price of running a 'standard' postal vote election), security and access.

Whatever online solution is used, there are remaining fears that security cannot be guaranteed. Indeed, the recent scandal involving Ashley Madison highlights such risks and, internationally, there are a number of countries where e-voting has been banned because of such fears.

The hearing that led to the Dunedin withdrawal from the trial included the fact that, in some areas of the city, less than 30 per cent of voters have internet access. That means by moving towards e-voting, we may be effectively disenfranchising a significant number of citizens. Given the increasing levels of both disaffection and disengagement from traditional civic institutions, such a move would only serve to further exacerbate already worrying trends.



Dr Andy Asquith.

E-voting will engage young voters – yeah, right

But all these issues – whatever their validity – miss the point. The reason put forward for introducing e-voting has been to arrest the decline in participation in local body elections. Yet, there is little evidence to show this will be achieved.

E-voting advocates often cite the use of such a system in the recent New South Wales state election in Australia, which was deemed to be successful in terms of voter turnout. But this argument overlooks the fact that in federal and state elections in Australia, voting is compulsory. In New Zealand we are required to register to vote, but not actually participate. This is a huge difference – voting in Australia is seen as an everyday civic responsibility, not an optional extra.

Proponents of postal voting elections used the same arguments as many advocates for e-voting – if we make it easier, then more people will participate. The same argument is being bandied about again by the e-voting brigade who argue that it provides an opportunity to connect with young voters.

Here we get to the crux of the matter – in order to get young voters to engage, young voters must know what exactly they are engaging with. Put simply, they have no idea. This situation is admirably summed up by the fictional politician Jim Hacker from the television series *Yes, Prime Minister*.

“Only about 25 per cent of the electorate vote in local elections. And all they do is treat it as a popularity poll on the political leaders [in central government]... Nobody knows who their local councillor is. And the councillors know nobody knows who they are. Or what they do. So they spend four totally unaccountable years on a publicly-subsidised ego trip, handing out ratepayers hard-earned money...”

Education, not propaganda

Here, two things need to happen. Councillors must be much more visible – they need to escape the shackles of the Town Hall. The important role of local government, which has more impact upon our daily lives than any other level or institution of the state, needs to be reinforced.

This is about education not propaganda. Central government in Wellington needs to step up and take the lead in partnership with Local Government New Zealand. If we take Auckland as an example, it would be a great help if government ministers tried to be constructive about the role of Auckland Council, instead of trying to knock it at every available opportunity to score cheap political points. If this doesn't happen, irrespective of how many fancy voting systems we have, the turnout will be in terminal decline. Then we risk moving from local government to local administration. The e-world much loved by e-voting advocates has an important role to play here.

Clearly traditional methods of getting political messages across no longer have the same impact – social media is the new 6pm news. The Scottish independence referendum last year showed that when young people are engaged they participate in record numbers. That is the key task we face.

Vote the first time, or never

A sombre note here is the Local Government Commission produced research back in 2010 that showed first-time voters who do not participate in either of the first two elections for which they are eligible, will never vote. This piece of information has been singularly ignored by our political masters – at both national and local level. Unless they act now, we are witnessing the slow death of civil society – and all the benefits that accompany it that we currently take for granted.

Perhaps what is needed is a more Luddite approach. Let's do away with the technology and at least experiment with a return to a more traditional form of voting in local elections – the use of a ballot box. At the very least this will eliminate the two main obstacles cited for e-voting – it'll be cheap and secure!

Dr Andy Asquith is a local government specialist with Massey University's School of Management.

Date: 25/09/2015

Type: Features

Categories: College of Business

Wearable Art entrant back in the winners circle

WOW®

WORLD OF WEARABLEART

Massey University fashion design graduate Rodney Leong has continued a proud association with the Wearable Art Awards by winning the WOW Factor Award at the 2015 awards show.

Mr Leong, who won the Supreme Award in 2007, was honoured again at TSB Bank Arena in Wellington last night, for his entry *Get Behind Me Satan*.

Mr Leong graduated with a Diploma in Textile Design and a Diploma in Fashion Design and Technology from the then Wellington Polytechnic in the early 1990s. In 2003 he was hand picked to work with international designer and judge Trelise Cooper after she saw his work in the WOW awards.

He has been entering the awards show since 1989. Never afraid to try new things, he has created garments in everything from hand painted silk to recycled zips.

His latest entry is made of EVA foam (commonly used in flotation devices), cotton and lycra. It addresses the notion of putting your fears behind you and allowing the spirit of freedom to fly.

The 27th Awards season was another sell-out with nearly 50,000 people witnessing the two-hour spectacular of art, theatre, dance and music as 158 designs were paraded.



Fashion design graduate Rodney Leong's winning entry of the WOW Factor Award at the 2015 Wearable Art awards.

Date: 26/09/2015

Type: Awards and Appointments

Categories: College of Creative Arts; Creative Arts; Research - Design; Wellington

Pupils unravel opportunities at DNA day



A group of secondary school pupils take part in a DNA day in one of Massey University's science labs.

More than 100 of the best biology pupils from secondary schools around Auckland and Northland got the chance to see science research in action, as well as conduct their own, at a DNA day held at Massey University's Auckland campus last Saturday.

The metagenomics day, which is in its fifth year, gives the top year 12 and 13 biology pupils the opportunity to learn from some of New Zealand's best molecular biologists about how the latest DNA sequencing techniques are transforming our understanding of biology.

Pupils extracted and sequenced DNA from a sample of soil to identify the myriad of species that secretly live there. They also heard from Dr David Aguirre about his research into marine communities, Dr Heather Hendrickson about killing bacteria using bacteria-specific viruses, Dr Austen Ganley about cancer research and Dr Libby Liggins about tracking populations in the ocean using DNA – research that all relies on sequencing technology in some form.

Organiser Dr Austen Ganley, from Massey University's Institute of Natural and Mathematical Sciences, says the event has been very successful in the past and was again this year.

“We've had very positive feedback from students. It's a great chance for them to see the cutting edge DNA sequencing



technologies available and how these can be used to do research and answer questions.”

Long Bay College pupil Ethan Phillips

Year 12 pupil Kayla Bergh from Long Bay College, on Auckland's North Shore, says it was a really fun day. “Actually extracting DNA, that's something I have wanted to do for a while now, it's pretty amazing.”

The 17-year old finishes school next year, and wants to enter the biomedical sciences industry, from the research point of view. “I am a bit too squeamish to go into surgery. Biomedical science is mixing chemistry and biology together, so that would be the best fit for me.

“It's such a growing field, people need to get into it, especially from a young age, as we are the leaders of tomorrow. If we understand it now, it will be a lot better for our future.”

Fellow Long Bay College pupil Ethan Phillips has always had an interest in science, and attended the metagenomics day last year. “Getting the experience of what it's actually like to be doing science in the industry is great.

The year 13 pupil says being able to put theory into practice is really valuable. “When you are doing theory, all you're doing is getting a mental picture, but when you're physically doing it, you really get a feel for how it works.”

Date: 28/09/2015

Type: University News

Categories: Home Page article; Auckland; College of Sciences; Teaching

Transforming the learning experience in schools



Dr Maggie Hartnett

Getting a pupil to be their own boss is among changes to classroom dynamics being trialled in two Manawatū schools, where the way teachers and pupils interact and approach learning is being redefined.

Massey University e-learning specialist Dr Maggie Hartnett is working with teachers of Year 5 and 6 classes at Palmerston North's Russell Street School and Ashhurst Primary School for the next 18 months in one of the Ministry of Education's Teacher-Led Innovation Fund projects.

Central to new developments Dr Hartnett is focusing on is the concept of 'learner agency'. This latest buzzword in education refers to the idea of students having more influence over what and how they learn.

"Instead of the teacher telling the students what they are going to do, we're flipping it. We want to develop students who understand why they are learning, what it means to them, and how to manage their own learning."

While the idea of 'learner agency' has been around for a while, there is a move towards adopting it more systematically. Dr Hartnett, who coordinates Massey's Master of Education in e-learning, says the shift in approach is a necessary response to broader changes – linked to the digital revolution – in the world and workplace.

Discerning learners for the digital age

Helping children become more discerning about online information sources is critical for their learning now and in future. "Suddenly kids have the world in their hands with new digital devices. We want them to be purposeful in using them, and not see them as just for play, distraction and socialising."

But Dr Hartnett emphasises the shift is not a pendulum swing to replace a teacher's authority with anarchy. The aim is ensure all students are engaged with learning and achieving to their best ability, with a specific concern for underachievers, she says.

"It's not that there's no compulsion for some areas of learning, but there is more flexibility on how to go about it," says Dr Hartnett. "If you look at key competencies this generation of learners will need, it's being self-managing, innovative, creative, resourceful, adaptable and responsive to changing environments."

The project – part of the \$10m fund over three years for projects under the ministry's Investing In Educational Success scheme – involves working collaboratively with teachers from the two schools to develop frameworks, identify problem areas and respond to feedback so they acquire the skills to support children to become what educators call 'agentic learners'.

"Both Russell Street and Ashhurst schools are well placed to undertake this in-depth project as they have been exploring learner agency teaching approaches for a little while," says Dr Hartnett.

Children more motivated

Lead teacher for the project at Ashhurst School, Brenda Stephenson, says her team has observed real shifts in student achievement over the past 12 months since they adopted the new approaches.

"Students are getting more confident at identifying the next steps in their learning," she says.

Students attend workshops to help them with direction in their work. "Learning is now more personalised," Ms Stephenson adds. "As a team, we are very excited about being involved with the Innovation Fund and developing our ability to enable student agency."

Dr Hartnett says a key aspect of the schools' success has been in taking time to educate parents about the new approach. Feedback from parents whose children are part of year 5 and 6 classes has revealed children are more inclined to keep learning at home because they have greater choice and are more interested in what they are doing.

Moving away from homogeneity in learning

Dr Hartnett says the "move away from homogeneity" in the classroom can be challenging for teachers, and more complex for them to manage. They are required to develop a stronger awareness of the individual student's learning and support needs – and assess this accordingly.

And the way they relate to students is evolving too. "Learner agency" means empowering students to take charge of and responsibility for their learning. The internationally recognised model of collaborative inquiry, Jugyuu Kenkyuu (a Japanese learning study model), is being used to provide the structure for the teachers to further develop their emerging innovative practice, she says.

Massey staff involved in other Teacher-Led Innovation Fund Project projects:

- Dr Tracey-Lynne Cody – working with a group of Wellington-based secondary school drama on identifying effective strategies to strengthen the engagement and achievement of Māori and Pasifika students within Senior Drama.
- Associate Professor Tracy Riley – working with teachers and gifted education coordinators at Dargaville High School and Bream Bay College to support the development and implementation of a project involving Year 9 and 10 students from each school engaging in a problem-solving project in collaboration with their community.
- Dr Jude MacArthur and Associate Professor Alison Kearney – working with Berhampore Primary School in Wellington to support the development of their Building Inclusive Communities Across School Networks project. The project involves five schools collaborating and sharing knowledge to build inclusive communities to improve participation and learning for students with disabilities, with a focus on students with autism.
- Associate Professor Mandia Mentis – working with RTLB (Resource Teacher: Learning and Behaviour) Ruth McAllum and Glenavon School, West Auckland on the project Kia Pike te Korero (Step up the Talk), which aims to raise student achievement by increasing teacher awareness of their classroom talk.

Find out more about the Teacher Led Innovation Fund projects on the Ministry of Education [website](#).

Date: 28/09/2015

Type: Features

Categories: College of Education; College of Humanities & Social Sciences; Feature; Teaching; Uni News

Departing professor plants her legacy with Massey



Professor Brigid Heywood symbolically lays dirt and woodchips around the cherry tree planted at Massey's Wellington campus.

Two of three ceremonies held to farewell Assistant Vice-Chancellor Research, Academic and Enterprise Professor Brigid Heywood have been held at the Wellington and Auckland campuses.

Each included a tree-planting. In Wellington it was a cherry.

Associate Professor of Research and Evaluation Robin Peace summed up the symbolism of a cherry tree. "Brigid donated this particular tree to the campus to epitomise her five-year legacy of energy, growth and subtle biomaterial influence on our sense of purpose, profile and potential ambition. It may serve as a reminder of Brigid's driving purpose to get us, as researchers, scholars and workers in a university, to not only record the beautiful things we make, but to get others to notice and celebrate what we have made."

Dr Peace also acknowledged Professor Heywood's efforts to clarify the funding landscape for research in New Zealand and for fighting to gain a foothold for the University in areas as diverse as national sciences challenges, Marsden Funds and Rutherford Fellowships, advancing PBRF and encouraging women researchers.

Resplendent in shiny silver shoes, worn "as something outrageous" in honour of the College of Creative Arts, Professor Heywood responded that the entire university had embraced some of her personal philosophies around work management.

She described her role as "the best job in the world", estimated she had attended more than 5000 meetings since starting at Massey in early 2011 and noted it could have been more except for her adherence to the ethos of being "more interested in conversation than committees".

The final farewell will take place at Manawatū next Thursday before she takes up a new role at the University of Tasmania.

Date: 29/09/2015

Type: Internal Communication

Categories: Any

Nationwide study to boost prevention of leptospirosis



The Farmers Leptospirosis Action Group, which includes scientists from Massey University, are evaluating the effectiveness of leptospirosis vaccinations.

A nationwide dairy farm survey is under way as part of a project to evaluate the effectiveness of current vaccination practices to prevent leptospirosis in dairy herds – the country's most common zoonotic disease that affects the health of both animals and people on pastoral farms.

A Massey University pilot study in 2010-11 found 13 per cent of cows that were supposedly properly vaccinated were shedding leptospires in 44 Manawatu, Waikato and Southland herds, with 30 per cent of herds affected. While it was not representative of the New Zealand dairy population it raised questions about the effectiveness of vaccination programmes used on those farms, including the age of calves when first vaccinated.

Professor Cord Heuer, from Massey University's Institute of Veterinary, Animal and Biomedical Sciences, says the present project, which began in June, aims to clarify the findings from the initial study that provided only limited insight due to the small sample used.

The project will focus on reducing leptospirosis risks in dairy cattle by surveying farmers about vaccination practices, collecting blood and urine samples from stock and collating other information to find out best practice for leptospirosis vaccination.

“We will look at the extent of animal exposure and shedding [the release of bacteria into the environment from urine], current vaccination practices against leptospirosis and links with antibody prevalence and shedding.

“Ultimately, this research will be used to update best practice guidelines for farmers, veterinarians and industry stakeholders, to reduce the risk of leptospirosis infection in both animals and the people that work

on farms and in the dairy industry.”

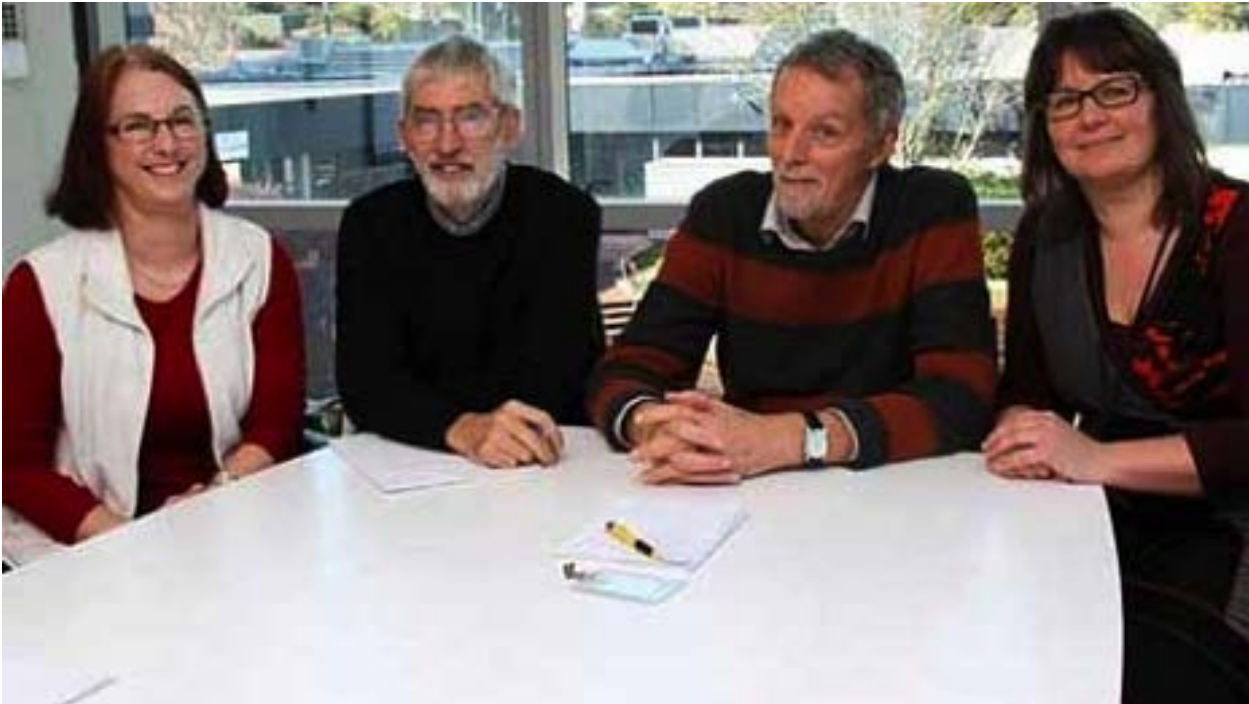
Randomly selected dairy farmers throughout New Zealand will be participating in this research and will be contacted initially by the Massey team.

Dairy veterinarians are also being encouraged to promote the study to their clients.

Sampling is scheduled to begin in December and will target 200 dairy herds across all regions, stratified by the number of lactating cows per herd. Twenty cows per herd will be randomly selected for blood and urine samples by each farm's veterinarians. A bulk milk sample will also be collected.

The study is being overseen by the Farmers Leptospirosis Action Group (FLAG), which includes representatives from Massey University, the New Zealand Veterinary Association, Rural Women New Zealand and DairyNZ. Funding has been provided by the Sustainable Farming Fund of the Ministry for Primary Industries, AgMardt, industry and stakeholder groups.

The study will be subject to animal ethics approval and farms will not be individually identified to ensure confidentiality.



The Leptospirosis Research Group from Massey University, from left, Dr Julie Collins-Emerson, Professor Peter Wilson, Professor Cord Heuer, Dr Jackie Benschop.

Notes about leptospirosis

What is leptospirosis?

Leptospirosis is an infectious bacterial disease caused by leptospire. These multiply in the kidneys of animals and are shed in the urine. They can also infect reproductive tissue. Leptospirosis affects many types of animals as well as humans.

How do people catch leptospirosis?

Transmission of the bacteria occurs when infected animal urine, or water contaminated with urine, gets in your eyes, nose, mouth or through cracks in your skin.

For dairy farmers it is usually by way of infected cattle urine through cuts in the skin, assisting in animal birth, or handling membranes, kidneys or bladders. Infected pigs are also a common source of infection for humans because of the exposure to urine. Contact with urine from infected rats, mice and hedgehogs is also a common source of infection, e.g. handling calf feed contaminated by rat urine.

What are the symptoms for humans?

It may just feel like a bad case of flu, with headaches and fever. Some people become seriously ill and need hospital intensive care and it can cause death. The disease might progress to kidney failure, liver failure or meningitis, requiring hospitalisation. Pregnant women who catch Leptospirosis can miscarry. Symptoms are

often prolonged and recurrent because the physical damage to the kidney and liver may remain after the infection has cleared. Some farmers who have contracted leptospirosis have permanent kidney failure and so require dialysis. Leptospirosis can be very costly as people may be unable to work for months, or even unable to fulfil the physical requirements of running a farm.

Who should I contact, if I suspect leptospirosis?

In Animals – Contact your veterinarian.

In Humans – Contact your physician.

Date: 29/09/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; Explore - Agriculture/Horticulture; National; Research; School of Veterinary Science

Massey University Worldwide GM appointed

An experienced public and private sector manager with extensive experience in education has been appointed to head Massey University Worldwide, the umbrella brand for delivering educational programmes, projects and consultancy internationally.

Robert Stevens, of Wellington, will join Massey on November 9 as Massey Worldwide general manager, University Assistant Vice-Chancellor Operations, International and University Registrar Stuart Morriss announced today.

Mr Stevens will lead the growth and development of the Massey University Worldwide brand and offshore education business, Mr Morriss says.

"Rob brings extensive international education experience to this role, previously as chief executive of Education New Zealand [2003-11] and, more recently, as the director of international and strategic sector engagement at the Ministry of Business, Innovation and Employment.

"As CEO of Education New Zealand, when it was an industry body for New Zealand's export education industry, Rob was responsible for national leadership and representation of the export education sector. He led the development and implementation of New Zealand's generic international promotion and marketing programme promoting New Zealand as a study destination for international students."

In his current role with the ministry, Mr Stevens is responsible for Immigration New Zealand's international (multi-lateral and bilateral) linkages and offshore relationships with the export education and tourism sectors. He is a member of the International Education Senior Officials Group in Wellington, providing advice to the Government on growing the export education sector. He was New Zealand's permanent deputy chair of the Five Country Immigration Alliance, and led the development of Immigration New Zealand's highly successful Trusted Partner Programme.

He has a Bachelor of Science (1988) from Victoria University of Wellington and a Master of Public Policy (2002) from Victoria and the Australian National University.

He has worked as parliamentary researcher in the New Zealand House of Representatives, and executive assistant and policy adviser to former Minister of Housing and Associate Minister of Education John Luxton, as a policy analyst and then international manager at the Ministry of Education and as director of the international policy branch of the Australian Government's Department of Education, Science and Training.

"Rob brings with him a wealth of knowledge and experience in international and export education, and of technological change programmes to the role," Mr Morriss says. "I look forward to him joining us in November. The position will be based in Manawatū but Rob will spend time on all three campuses."

Date: 29/09/2015

Type: Awards and Appointments

Categories: International; Uni News



Robert Stevens

Massey strengthens ties with Ngāti Kahungunu



Professor Huia Jahnke, Dr Selwyn Katene, JB Smith, George Reedy.

Massey University has signed a Memorandum of Understanding with Te Taiwhenua o Heretaunga in Hastings. Te Taiwhenua o Heretaunga is the local Māori authority for the Heretaunga and surrounding district and is the largest of six Taiwhenua in the Ngāti Kahungunu Iwi rohe.

It is the sixth largest employer in the rohe, with more than 170 staff carrying out 55 contracts for service to people and communities for delivering health and social services in the Ngāti Kahungunu takiwā, which stretches from Mahia in the north to Wairarapa in the south.

The previous MoU, which expired in June, focussed solely on Massey's Te Rau Puawai workforce development programme. AVC Māori and Pasifika Dr Selwyn Katene says this MOU expands to include provision for research collaborations, short courses and office space for visiting staff, heralding a new level of co-operation and collaboration between Te Taiwhenua and Massey University.

Two of Massey's delegation, Prof Huia Jahnke and Hone Morris, are Ngāti Kahungunu, and their involvement in the MoU is of critical importance to the maintenance and development of the relationship. In addition, both the chief executive George Reedy and chief operating officer Waylyn Tahuri-Whaipakanga are Massey alumni and several other staff are current students including those studying under the Te Rau Puawai programme.



Dr Selwyn Katene and George Reedy plant a kahikatea.

Dr Katene says staff access to office space when in Hastings provides the opportunity to form communities of learning to support current students and to meet with potential students and whanau. "There's also potential to broaden the relationship to other areas of study and collaborative research."

To mark the signing, Massey University, with Te Taiwhenua o Heretaunga, planted a kahikatea tree, as the kahikatea has historical significance to the area.

Date: 30/09/2015

Type: University News

Categories: Maori

Top three Asia/Pacific ranking for Wellington design school



reddot award 2015 winner

Massey University's School of Design, based in Wellington, is now ranked in the top three within the Asia-Pacific region following the announcement of rankings by global design award agency Red Dot. Three years ago the School was placed 11th in the same rankings.

The latest ranking puts Massey University's School of Design well clear of any other school in Australasia and helps cement Wellington's place as New Zealand's creative capital.

Only Zhejiang University in China and the National Taiwan University of Science and Technology were ranked higher.

The success of Wellington-based design students in international awards has seen Massey University leap into the top four rankings in the Asia-Pacific region.

Red Dot Design Awards (Asia) president Ken Koo says the award for the school, which forms part of the College of Creative Arts, was due recognition "for continuously and progressively, producing cutting edge and forward thinking product concepts".

Massey University is also the only university in the region to have been awarded "substantial equivalency" from the United States National Association of Schools of Art and Design, meaning its art and design degrees are certified as on a par with qualifications from some of the world's most prestigious institutions, such as Rhode Island School of Design and CalArts.

College of Creative Arts Pro Vice-Chancellor Professor Claire Robinson says the prestige Red Dot Awards carried, reflected enormously on Massey.

More Red Dot Award winners named

Now another eight names can be added to the list of Massey University winners of Red Dot Awards following a ceremony in Singapore to celebrate the 2015 awardees.

Industrial designers Tim Arbuckle, Henry Caird, Brendan Knight, Alex Hoffman-Walter, Barnaby Ward and a joint project by Amanda Firman, Lincoln Hill, Libby Simes and Simon Gormley were honoured with Red Dots for product design. Alice Moynihan and Finlay Brazier were awarded Red Dots for Visual Communication Design as was staff member and design researcher Caroline Campbell. Visual Communication design graduate Meg Howie was given an honourable mention for her online voting education project Ask Away.

They join the many Massey design students who over the last five years have won dozens of Red Dots, for designs ranging from a digitally fabricated chair and an electronic sheep drenching unit to typographic work for adult literacy learners, a poster campaign about autism and a comic about the tormented life of scientist Nikola Tesla.

In 2013, industrial design graduate Stacey Kenny won Red Dot's top prize, the Luminary Award, for a system to re-home spent battery hens.

Globally, more than 10,000 student projects are entered in Red Dot competitions each year.

Date: 30/09/2015

Type: Awards and Appointments

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington

More support needed to inspire young women



Professor Robyn Munford is a finalist in the 2015 Women of Influence awards

Four Massey University academics are finalists in the 2015 Women of Influence awards, including Manawatu-based Professor of Social Work Robyn Munford.

The awards recognise and celebrate women who make a difference to the lives of everyday Kiwis, across a range of sectors.

Professor Robyn Munford says, “My passion has been working with families and communities who have not had the resources or support they need. So for me, the nomination is not about me, it’s about the work I do.”

The Raumati local says it is really important women, particularly young women, are supported by the network around them. “You don’t do these things alone. You have got to find the people that back you, that are positive and passionate, and dream alongside you.”

“It's crucial they have mentors, and a support base behind them, to make sure they are given the opportunity to shine. So if you have someone like that in your team, make sure you give them all the support you can.”

Professor Munford says she couldn't have been a finalist without help from her family, friends and colleagues. “This is about all of the people in my life who have supported me, and let me learn from them.”

Over the past two decades, Professor Munford has taught community development and social work practice. She has written numerous articles and books, and is the co-leader of a longitudinal research project on vulnerable youth.

The winners will be announced at a gala dinner at Auckland's SkyCity on November 4.

Massey University Women of Influence finalists:

Professor of Social Work Robyn Munford – Public Policy

Associate Professor Robin Peace, School of People, Environment and Planning - Innovation

Dr Pushpa Wood, Director, Westpac-Massey Financial Education Centre – Community and Not for Profit

Professor Claire Robinson, College of Creative Arts Pro-Vice Chancellor – Arts and Culture

Date: 30/09/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Health; Explore - HEALTH

Falling mortgage rates change affordability trends



Figures improved slightly over the past quarter but unaffordability levels are still close to historic highs.

The latest Massey University Home Affordability Report shows some improvement in affordability figures over the past three months, due mainly to falling mortgage rates and broadly static house prices.

“Even Auckland falls in line with this trend – affordability in our largest city has improved by 4.9 per cent since our last report in June,” says Massey University senior property lecturer Dr Susan Flint-Hartle. “Having said that, affordability in Auckland has still decreased by 16.6 per cent over the past 12 months.”

The report, which covers the period from June 2015 to August 2015, shows home affordability across New Zealand improved by 2.3 per cent over the quarter, but the national index still shows a year-on-year decline of 6.7 per cent.

“While affordability trends show some improvement in this report, the relative levels of affordability across the country haven’t really changed much. You must remember that these small improvements are coming off the back of historic levels of unaffordability,” Dr Flint-Hartle says.

Auckland remains 52 per cent less affordable than the national average – down slightly from 56 per cent last quarter, but still close to that historic high.

House prices still a key driver

Regional movements in affordability have largely been driven by house prices. Central Otago Lakes, Southland, Manawatū/Wananganui, Northland and Taranaki, which experienced the largest improvements in affordability, also had the largest falls in house prices.

“Meanwhile, the only region not to show some improvement over the past three months was Nelson/Marlborough, where house prices increased by the largest margin,” Dr Flint-Hartle says.

Dr Flint-Hartle also points out the Reserve Bank has reduced the Official Cash Rate by a further 0.25 per cent since the period covered by the report.

“While that reduces borrowing costs for homebuyers, improving affordability in the short-term, it remains to be seen whether lower mortgage rates also push up house prices in the longer-term.”

Download the full Massey University Home Affordability Report, with regional breakdowns, here:
<http://bit.ly/home-affordability-sept2015>

Key findings:

- Annual deterioration in national affordability of 6.7 per cent
- Quarterly improvement in national affordability of 2.3 per cent
- Quarterly improvements in all regions except Nelson/Marlborough
- Quarterly improvement in Auckland affordability of 4.9 per cent

Most affordable region: Southland – 57 percent more affordable than the national average.

Least affordable region: Auckland – 52 per cent less affordable than the national average.

Date: 30/09/2015

Type: Research

Categories: Home Page article; College of Business

Science and innovation needed for food crisis



Distinguished Professor Paul Moughan speaking at today's New New Zealand Forum.

A Massey University food science specialist is urging the government to think strategically about its research and development funding.

Distinguished Professor Paul Moughan, who recently returned from being part of an international think tank on world food security, led discussions around global food demand amid world population growth at the New New Zealand Forum in Auckland today.

He said science and technology are crucial in meeting the 70 per cent increase in food demanded by the world's growing population.

“There is enough cultivatable land available now to meet these demands if we close yield gaps, shift our food usage, reduce waste and use water wisely.

“Absolutely central to this is the need for science, technology, intellect and knowledge to allow all these things to be done, and be done in a fully sustainable way. It can be done and it will only be done with the power of science.”

He noted while New Zealand is only a small fraction of the world's landmass (less than 0.1 per cent), we have a long history of science and technology in what is a farming-based economy. Therefore he sees New Zealand's role in the crisis as a key provider of intellectual capital through education, knowledge transfer and export of high-tech agricultural products – a role that needs greater financial support.

“More and more the world is going to want to see food product claims backed by hard scientific evidence. This, alongside innovative development of products and specialised ingredients, will give New Zealand a competitive advantage.”



The panel, from left, Pro Vice-Chancellor College of Health Professor Paul McDonald, Head of Agribusiness and Property for Westpac Mark Steed, food scientist Distinguished Professor Harjinder Singh, Business Development Manager for FoodBowl Auckland Angus Brown sit with master of ceremonies Mike McRoberts.

Panel discussion

Professor Moughan led a panel consisting of Massey University food scientist Distinguished Professor Harjinder Singh, Pro Vice-Chancellor College of Health Professor Paul McDonald, Head of Agribusiness and Property for Westpac Mark Steed and Business Development Manager for FoodBowl Auckland Angus Brown.

Professor Singh backed the call for greater research and development funding, stating that, to be competitive on the world stage, New Zealand must double the R and D investment in Agrifood.

“R and D is the driver of this innovation. We have strong and comprehensive research networks around the country but our research intensity – the R and D dollar expenditure as a percent of revenue - is low relative to other countries such as Ireland and Denmark, and large multi-national companies such as Nestle.

“Our science is very strong but there is a general perception that we don't get much value out of R and D. We need to realise the full innovation impact of all our investments. To do this we need to prioritise and align our research to the needs of industry and consumers.”

Professor McDonald outlined the need for more nutritional food in the future, citing the example of China where 200 million people suffer from chronic illnesses, 40 per cent of which could be prevented with changes in diet.

“It is an imperative for us to meet both the current and future demands not only in terms of quantity of food but also quality.”

This was a sentiment echoed by Mr Brown, who said New Zealand needs to shift into producing health-conscious food using the unique plants and materials available to us such as kawakawa or kumarahou.

Mr Steed saw the role of banks as managing the volatility and to support their customers through the highs and lows of the economic space.

Event details

[Registrations](#) for the Wellington forum are still open.

Panelists: Distinguished Professor Harjinder Singh, Professor Paul McDonald, Head of Agribusiness and Property for Westpac Mark Steed and Business Development Manager for FoodBowl Auckland Angus Brown. The panel will be moderated by TV3's Samantha Hayes.

Date: Wednesday, October 7

Time: 12.30 to 2.45 pm – Free lunch provided

Venue: Westpac Stadium, Wellington

Date: 01/10/2015

Type: Research

Categories: Home Page article; College of Health; College of Sciences; Conference/Seminar; Enviromental issues; Explore - Engineering; Explore - Food; Explore - HEALTH; Innovation; International; National; VC Speeches

Online applications available for research ethics

Researchers are now able to submit human ethics applications online from the [Human Ethics webpage](#).

While ethical standards remain unchanged, the submission process is now digital and has been simplified.

Researchers who submit a low-risk notification will receive an immediate email response and will then be able to download a letter acknowledging the notification has been received.

Researchers submitting a full application will receive email acknowledgement of their submission, which will be considered by one of the human ethics committees as usual.

For further information see the website, phone the helpline on ext 83490 or email one of the advisers: Patsy Broad and Miralie Thomas Vincent (Manawatū) or Alice Lindsay (Auckland).

Date: 01/10/2015

Type: Internal Communication

Categories: Any

Manawatū Badminton holds workplace challenge 'fun' league

Manawatū Badminton are starting up a Workplace Challenge "Funminton" League from October 8-29.

Played in the Ballroom at Arena Manawatū on four consecutive Thursdays from 7.30pm to 9pm, it is played in teams of four and is being offered at the reduced price of \$100 per team to encourage new players.

Manawatu Badminton members will explain the rules on the first night and rackets and shuttles will be provided for each evening. Registrations will be accepted up until October 7.

If anyone from Massey Manawatū would like to enter a team, follow [this link](#). If you need more information email [Callum Hill](#) or phone him +64 22 077 0812.

Date: 01/10/2015

Type: Internal Communication

Categories: Any

UN Sustainable Development Goals a wake-up call



Globally, 57 million children of primary school age don't attend school (image/ Wikipedia Creative Commons)

The United Nations' new Sustainable Development Goals (SDGs) highlight growing inequality in New Zealand and should serve as a wake-up call for the Government to address its causes, say development studies lecturers from Massey University.

Professor Regina Scheyvens and Associate Professor Glenn Banks, from the School of People, Environment and Planning, commented on the ramifications of the SDGs for this country. The goals were endorsed last week at the UN General Assembly in New York, where UN Secretary General Ban Ki-moon called them a “paradigm shift for people and the planet.”

“To New Zealand's shame, any economic growth we have experienced in the past 20 years has been concentrated in the hands of those in the upper echelons of society, while inequality continues to rise leaving the poor and the lower-middle classes in a continuous struggle to make ends meet,” Professor Scheyvens says.

“The goals will require us to look beyond dairy pay-outs and mortgage interest rates and consider social wellbeing and the environment alongside the notion of inclusive economic growth, which presumably means all should benefit from any growth which occurs.”

Slow progress meeting some goals

The new goals follow on from the Millennium Development Goals (MDGs) adopted by the international community in the optimistic euphoria of the turn of the new millennium.

“The success of the international community in meeting the MDGs has been mixed: there have been spectacular successes such as the lifting of over a billion people out of abject poverty in the last 15 years,

another 2.1 billion people now with access to decent water and sanitation facilities, and huge strides in terms of addressing the empowerment of girls through education,” Dr Banks says.

“But there has also been much slower progress towards other goals: there are still 57 million children of primary school age not attending schools, and the MDG for reducing child mortality will not be reached - 16,000 children aged under five still die each day, mostly from preventable diseases.”

New sustainable development goals for all

The new set of goals is an expansion of the MDGs into 17 diverse thematic areas that cover poverty, hunger, education, gender equality and health, as well as a new raft of environmental concerns (oceans, terrestrial environments, climate change and water) and broader social justice issues – inequality, decent work, peaceful and inclusive societies, and accountable institutions.

Professor Scheyvens and Dr Banks say some critics see this spread of topics as unrealistic and unconnected to the global community’s ability to actually move on them – like “a generous wish list for Santa Claus” as one UK media commentator put it.

“What the extended list of goals does do is recognise the interrelated nature of the challenges that humanity faces over the next decades, with a population that will continue to grow and place increasing demands on the earth’s resources,” Professor Scheyvens says.

She notes that the “wish list” represents the aspirations of a wide range of players, many from the G77 group of developing countries, who “actually got to have a say in the formulation of the Sustainable Development Goals, which was not the case with the Millennium Development Goals.”

The new goals are also universal, applying equally to developed and developing nations, says Dr Banks. “Inequality, environmental degradation, and resource over-use apply as much to the United States and New Zealand as they do to Uganda or the Philippines.”

NZ ranks poorly on waste generation and obesity

A recent report that provides a baseline measurement of the Sustainable Development Goals in the “rich world” has New Zealand ranked 16 out of 34 within the OECD.

“We do well on measures of gender equity, energy from renewable sources, and low levels of corruption, but are towards the bottom of the table for consumption patterns – including waste generation per person and the third highest rate of obesity in the world – inequality, and our capacity to actually monitor the MDGs,” he says. “We just don’t measure a lot of things effectively that we need to if we wish to say anything meaningful about our progress towards a more sustainable society.

“The SDGs will force all countries, including ourselves, to think seriously about our own societies, and our relationship to the rest of the globe. They provide an opportunity to envisage where we want to be in 2030 as a society, and force us to reflect strategically on what we need to do to get there, rather than focus on the immediate and the short term.”

Dr Banks was in New York last month to talk with UN Department of Political Affairs staff about development issues and challenges in Papua New Guinea. He was lead author of the Papua New Guinea National Human Development Report 2014: From Wealth to Wellbeing: Translating Resource Revenue into Sustainable Human Development, for the United Nations Development Programme (UNDP).

Date: 02/10/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Environmental issues; Explore - Planning; Feature; International; Uni News

Vet students help Samoan dog control



Massey veterinary student Samantha Wycherly performs a desexing operation in a field hospital in Tiavea, Samoa.

Massey University veterinary students travelled to Samoa recently to volunteer their time and expertise desexing village dogs. Eighteen students each spent a week over a total of six weeks in June and September performing up to 600 spay and neuter operations, as part of their veterinary science programme. Senior surgical veterinarians from the Institute of Veterinary, Animal and Biomedical Sciences accompanied the final-year students to supervise the procedures.

The programme aims to reduce the number of stray and unwanted dogs on the islands by lowering the number of fertile owned dogs.

Now in its fifth year, it is run in partnership with the Animal Protection Society of Samoa. The society partners with the Samoan police force's Dog Management Unit to provide animal welfare education and desexing services. The society provided the services of two experienced veterinary nurses to support the Massey team, while the police force helped set up field hospitals and registered dogs to be desexed.

Afamasaga Michael Soonalole, Samoa Police Assistant Commissioner responsible for the Dog Control Programme, says the partnerships are important to achieving humane dog control on the islands.

“Since the programme began, tourists, visitors and Samoans alike have noticed a marked decline in stray and aggressive dogs roaming around town and in villages. The support by Massey vets and the Animal Protection Society is invaluable and allows us to actively promote responsible dog ownership among Samoan and non-Samoan people.”

During each week of the six-week programme, three students, accompanied by a Massey staff veterinarian, travel to different Samoan villages each day to perform operations.

They are welcomed into each village with traditional kava ceremonies and, while there, engage with Samoan communities on responsible pet ownership and demonstrate appropriate animal handling and after-care.

Kat Crosse, one of the Massey staff veterinarians who travelled to Samoa to supervise, says the course provides invaluable experience for students. "These future veterinarians learn important lessons of improvisation, hands-on clinical skills, and patience with cultural differences.

"They are also gaining awareness of the difference that can be made in a community with seemingly little resources".

Veterinary surgeon and paper coordinator Dr Andrew Worth started the course in 2011. He says the Special Topic paper gets more popular every year, with 28 veterinary students already selecting it as their first choice option for next year.

"The impact of this programme is far reaching. It not only benefits animal welfare on the ground and strengthens Samoan communities, but we're providing these remarkable learning experiences for students and also research opportunities for long-term health benefits for both animals and owners."

The New Zealand Aid programme provided funding for medical supplies for the desexing operations, while the World Animal Protection and the Worldwide Veterinary Service funded the travel costs of Massey staff. New Zealand Aid also funded the establishment of the Dog Control Programme, supported by Technical Advice from Local Government New Zealand.

Annabelle Inn also provided free accommodation for the students, and several pharmaceutical and veterinary supply companies provided free or discounted items for the programme, including Zoetis, Phoenix Pharm, Provet and Soma Technology Pacific.

Date: 02/10/2015

Type: University News

Categories: Home Page article; College of Sciences; International; School of Veterinary Science

Opinion: A matter of fat



The Institute of Education course Critical Understandings of Fatness and Health isn't about promoting a certain body size, or glorifying a certain lifestyle or health habits. It explores how fat bodies are viewed in our culture. Picture: Stocky Bodies Image Library.

While the government is set to release their new plan to “combat obesity”, the first Fat Studies class offered in New Zealand is drawing to a close.

The course, *Critical Understandings of Fatness and Health*, is being offered as a 300 level distance learning course within the College of Humanities and Social Sciences at Massey University, and contributes to the college's larger focus on exploring citizenship in the 21st Century.

It has been offered as a special topic in 2015 as the University gauges demand for further interest in the course. And it's timely too, with the second New Zealand Fat Studies conference being planned for 2016, four years after an inaugural conference was held. Scholars and activists from three continents are expected to attend to discuss issues related to the scientific study as well as the lived experiences of fat individuals.

I agreed to offer the Fat Studies course after a group of Bachelor of Health Science students approached me last year. They came and expressed an interest in learning more about Fat Studies; they wanted to learn about anti-fat attitudes and how they impact on the health and well-being of fat people, and how anti-fat attitudes result in barriers to fat people receiving healthcare.

This class isn't about promoting a certain body size, or glorifying a certain lifestyle or health habits. However, I would suggest that what currently happens in our culture is that *only one kind* of body and *only one kind* of lifestyle is acceptable.

Instead, this course explores how fat bodies are viewed in our culture. It also examines the resulting anti-fat attitudes and structural oppression experienced by fat individuals. Fat people face discrimination in most settings in our world, including education, employment, housing, relationships, and in accessing healthcare. Anti-fat attitudes also impact on the health and well-being of non-fat people as well, as evidenced by

children who diet, teenagers who develop eating disorders, and adults who struggle to engage with their lives fully because of weight anxiety. Doctors are also less likely to speak about diet and exercise with non-fat patients; perhaps making assumptions about the individual's lifestyle and health behaviours based solely on their size.

As a discipline, Fat Studies is similar to Women's Studies, Māori Studies, Queer Studies and Disability Studies. These disciplines arose in response to negative debate around these identities.

Scholars began engaging in research that looked critically at what was *known* about each group and began to provide an alternative story.

It has been argued by some that such qualifications have no place in tertiary institutions. I strongly disagree. These courses are a critical use of public investment, playing an important role in academia by asking questions, highlighting inequities in knowledge and developing ethical research practices. They are critical to scientific, historical, political, and historical debate. They should be central to our understanding of what it means to be a New Zealand citizen in the 21st Century.

Similar courses have been offered at Macquarie University in Australia and Dickinson College at Oregon State University and Lake Forest College at Chicago State University in the United States.

The primary textbook for the course is the *Fat Studies Reader* (New York University Press) which defines the discipline as, "an interdisciplinary field of scholarship marked by an aggressive, consistent, rigorous critique of the negative assumptions, stereotypes, and stigma placed on fat and the fat body".

The structure of the class has been largely guided by the interests of the students. Topics include the biopolitics of fatness, the pathologisation of fat bodies, anti-fat attitudes in healthcare and an alternative to traditional weight-based health models.

Students completing the course are identifying and discussing mainstream and alternative debate on fatness, analysing size as a social justice issue and critically appraising size oppression in society including health, media, employment and education.

It is my hope that this course will contribute to the growing recognition in New Zealand that fat-shaming and weight-based health models fail in their efforts to make us a country with lower human biomass while contributing to the oppression of fat people.

The Government should work to ensure that all citizens, regardless of size, are protected from oppression (as opposed to embarking on a programme to combat obesity).

One way the Government could fulfil their commitment to fat citizens is by updating employment and discrimination laws to include physical size alongside race, gender, sexual orientation, ability, and religion. Maybe that's part of the plan?

Cat Pausé is a senior lecturer in the Institute of Education at Massey University

Date: 02/10/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - HEALTH; Feature; FutureNZ Education; Palmerston North; Research - Health and Wellbeing; School of Humanities

Scholarship and live sounds to launch new school and music degree



Musician and producer Devin Abrams is just one in a talented line-up of tutors at Te Rewa O Puanga- the new School of Music and Creative Media Production

A scholarship to help foster excellence in the New Zealand music scene has been announced by Massey University to coincide with the launch of its new School of Music and its degree in Bachelor of Commercial Music.

Worth \$22,500 over three years, the scholarship, in association with the Vodafone New Zealand Music Awards, will help a promising student with tuition fees and other costs over three years of undergraduate study. The degree will be officially launched on Wednesday, (October 7) with the help of local musicians and celebrities.

As part of the newest addition to the Wellington tertiary education scene, Te Rewa O Puanga - the School of Music and Creative Media Production, the new degree is already taking enrolments.

Head of the school, Associate Professor Andre Ktori, says it will take music into the digital world and encourage the new emerging artist – one who is creative as well as strategic in a global music industry.

There are three majors in the degree: music practice, music technology, music industry and the three-year fulltime course is designed to produce creative graduates who are fluent in the production, promotion and distribution of music medias and live events.



Warren Maxwell

Main tutors for the course include Mr Ktori, who is a BAFTA award winner for interactive enhanced music and has been signed to Warner Brothers and Atlantic Records; Warren Maxwell, founding member of Trinity Roots, Little Bushman and ex Fat Freddy's Drop; Devin Abrams producer and musician from Pacific Heights and international drum and bass act Shapeshifter, and Nicky Harrop who has 18 years' experience in the music industry working for BMG and Sony Music labels.

Facilities within the school will include recording, rehearsal, video, motion capture and green screen studios together with music, digital video, games, animation and web and mobile digital video studios with green screen and web and mobile media labs.

Massey University Vice-Chancellor Steve Maharey will speak at the launch, with music provided by turntablist Alphabhead, band Young Tapz and multi-instrumentalist and producer Lord Echo (Mike Fabulous).

Click [here](#) for details about the scholarship application

All applicants must meet Massey University's admission requirements and be available to attend a pre-enrolment audition or interview. Applications close December 2, 2015.

Date: 05/10/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Music and campus life; Wellington

Rugby fundraiser to buy buggies for charity house



The Clare family – Brendan, Jonty and Kerri – raising money for Ronald McDonald House in Auckland

Massey University wildlife veterinarian Dr Kerri Morgan and her husband Brendan Clare have organised a charity breakfast and auction to raise funds to buy new baby buggies for the Ronald McDonald House in Auckland.

It will be in the Japan Lecture Theatre at the Manawatū campus on the morning of the All Blacks quarter final match at Millennium Stadium in Cardiff, which will be shown on screen in the lecture theatre.

Dr Morgan and Mr Clare's son Jonty, born seven months ago, has cancer and they have spent a lot of time staying at the charity-run Ronald McDonald House while he received treatment at the Starship children's hospital.

"Our family have been fortunate to have been able to use the wonderful facility that is Ronald McDonald House (Auckland) during our numerous trips from Palmerston North to Starship Hospital with our baby boy Jonty," Dr Morgan says.

"Jonty was diagnosed with metastatic chordoma, an extremely rare form of cancer, when he was just 10 weeks old. He's now seven-and-a-half months old and still fighting hard.

"Rugby for Buggies is our way of giving something back. We saw the need for some new and improved buggies at Ronald McDonald House and our aim is to fundraise enough money to buy an entire fleet of brand new buggies for families like ours – and yours – to use.

"So join us over breakfast to watch the quarter-final of the Rugby World Cup on the big screen and to throw a bid on some great prizes in our charity auction."

Tickets are \$35 for adults and \$10 for children. They will be on sale at Wharerata, Blacksheepdesign and The Hair Company.

The auction will include gifts donated by the community, among them an All Blacks jersey signed by the 2015 World Cup Squad, thanks to our Manawatu player and All Black halfback Aaron Smith.

[For more information see the Facebook page](#) or email [Kerri Morgan](#).

Date: 06/10/2015

Type: Internal Communication

Categories: Any

14 Massey finalists in Women of Influence awards



Linda Jenkinson with daughter Isabella at last year's Massey University Defining Excellence Awards, where she was presented with the Sir Geoffrey Peren Medal.

Four Massey staff and 10 alumni have been named as finalists in this year's Women of Influence Awards.

Professor Robyn Munford is nominated in the Public Policy category, Associate Professor Robin Peace (Innovation category), Professor Claire Robinson (Arts and Culture) and Dr Pushpa Wood (Community and Not for Profit).

Massey alumni are Alison Dewes (Bachelor of Veterinary Science 1988), Rebecca Jackson (Bachelor of Technology (Honours) 1996), Linda Jenkinson (Bachelor of Business Studies 1984), Heather Laanbroek (Graduate Diploma Business Studies 2013), Mahsa Mohagegh (PhD Science 2013), Sue Suckling (Bachelor of Technology 1978, Master of Technology 1981), Karyn Thompson (Postgraduate Diploma in Arts 2005, Master of Management 2011), Sophie Stanley (Bachelor of Business Studies 2009, Bachelor of Science 2009) and Sian Simpson (Diploma in Business Studies 2014).

Massey is also sponsoring the Global category and the winner will be presented by Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations Cathy Magiannis at Sky City in Auckland on November 4.

[For a full list of category finalists.](#)

Date: 06/10/2015

Type: Awards and Appointments

Christmas and New Year leave and pay dates

Massey University departments, other than those providing essential services, customarily close during the Christmas-New Year period.

This year, Christmas is on a Friday and, while Christmas Eve is a paid university holiday for most staff, staff members are encouraged to also take Monday and Tuesday (December 21 and 22) as annual leave to enable them to have a full two-week break during the festive season.

The University officially closes at 5pm on Wednesday, December 23. December 24 will be either a paid university holiday in accordance with your employment agreement or, for essential services staff required to work, a holiday to be taken on another date before the end of January 2016. If you are a manager of an essential services section, then please discuss this with your staff as soon as practicable.

Christmas Day and December 28 (when Boxing Day is observed) are public holidays; December 29, 30 and 31 are either paid university holidays if provided for in staff members' employment agreements or to be taken as annual leave (essential services excepted).

New Year's Day and January 4, 2016 (on which the Day after New Year's Day is observed), are public holidays and the University reopens on Tuesday, January 5.

Pay dates for the period are December 24 and January 7.

Date: 06/10/2015

Type: Internal Communication

Categories: Any

Massey University's Registry Building has reopened



Massey University's Registry Building on its Manawatū campus reopened for business as usual this morning.

Yesterday the university received a threat to staff in its Contact Centre and the building was evacuated as a precaution while Police conducted a search.

"While this incident caused some disruption on the Manawatū campus, the safety of our students and staff was the priority," Vice-Chancellor Steve Maharey says.

"The police are satisfied there is no direct threat to anyone at the university at this time so the Registry Building is open as usual this morning."

The threat to Massey University follows threats made to Otago University and Victoria University.

Palmerston North Police will also increase security levels over the next few days as a further precaution.

The official Police media release can be read here: <http://www.police.govt.nz/news/release/massey-university-palmerston-north-evacuated-due-threat>

Date: 07/10/2015

Type: University News

Categories: Uni News

Massey responds to threatening message



Massey University has become the third university to receive a threatening message.

“We have received a note threatening the staff in our Contact Centre on our Manawatū campus and have evacuated everyone from our Registry Building as a precaution,” Vice-Chancellor Steve Maharey says.

The university's Contact Centre is currently being relocated and the university's main switchboard will be closed until 3.00pm today.

“We are aware there have been threats made against Otago University and Victoria University over the past two days. So far those threats have come to nothing but, at this stage, keeping our students and staff safe is our key priority,” Mr Maharey says.

The Police have been informed and, while they are taking the matter seriously, they believe the situation is low risk. The university will provide further updates on its website – www.massey.ac.nz – as information becomes available.

Date: 07/10/2015

Type: University News

Categories: Palmerston North; Uni News

Donor funds two chairs at Massey Business School



Professor Harald van Heerde, Mr Matthew Abel, Professor Ben Marshall and Professor Ted Zorn.

Business consultant, philanthropist and Massey University alumnus Matthew Abel has provided funds for two endowed chairs at the Massey Business School. The donation will partially fund the MSA Charitable Trust Chairs in Marketing and Finance over the next 25 years.

Massey Business School dean Professor Ted Zorn says the funds will be crucial in ensuring the university retains its best researchers.

“Matthew wanted to make sure his donation made a real difference and I told him the most effective investment would be in people.

“We have chosen two world-class researchers for the MSA Charitable Trust Chairs who also make a huge contribution to cutting-edge programme development, teaching and mentoring their students and colleagues. Academics of this calibre constantly receive offers from overseas universities and it's in New Zealand's best interests to keep them in the country.”

Harald Van Heerde: Effective Marketing | Big Issues in Business



Professor Harald van Heerde discusses his ground-breaking research in Massey's Big Issues in Business series.

Chair keeps globally ranked researchers at Massey

Professor Harald van Heerde, currently ranked 11th in the world for marketing research by the American Marketing Association (and the only Australasian academic in the top 50), will be the first MSA Charitable Trust Chair in Marketing.

Originally from the Netherlands, Professor van Heerde moved to New Zealand in 2006 and joined Massey University at its Auckland campus in 2013. His research focuses on measuring the quantitative effect of marketing, including the impact of advertising on sales. He has also been instrumental in developing Massey's new Master of Analytics qualification, which launched this year and aims to fill the 'big data' skills shortage.

"It is nice to get the recognition and the Chair really cements my commitment to developing the best research and teaching programmes at Massey," Professor van Heerde says. "This position will give the business school continuity and, for me, it means greater visibility with the external stakeholders I am keen to connect with, including businesses."

The first MSA Charitable Trust Chair in Finance will be held by Professor Ben Marshall, who is based at Massey's Manawatū campus. He is currently ranked in the top one per cent of research authors on the Social Science Research Network (SSRN), which is dedicated to the rapid dissemination of research globally.

Professor Marshall specialises in identifying return drivers in equity, currency and commodity markets and liquidity issues, including how to transact in markets at the lowest cost. He has won numerous awards for his research and was a key member of the team that developed the NZX's widely used and publicised Farmgate Milk Price Calculator.

"I feel very honoured to be the recipient of this Chair position," he says. "I am extremely grateful for the financial support which will allow me to further develop my research and teaching. I have always aimed to research topics which are of relevance to the investment and business communities and I look forward to continuing with this at Massey."

Mr Abel says his donation is intended to make a real contribution to business education in New Zealand and he is looking forward to hearing what Professor van Heerde and Professor Marshall achieve in their new roles.

“I think it is important for New Zealand to have strong universities so I am pleased to be able to assist Massey to reward and keep these leading researchers and teachers,” he says.

Date: 07/10/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business

It's time to smash the mould says new deputy



New Deputy Pro Vice Chancellor for the College of Humanities and Social Sciences Chris Gallavin.

Solving issues like over-population, cultural ideological clashes and militarisation of extremist groups is top of mind for new Deputy Pro Vice-Chancellor for the College of Humanities and Social Sciences Chris Gallavin.

Dr Gallavin, who was welcomed at a powhiri in Te-Putahi-ā-Toi on the Manawatu campus this morning, joins Massey University from the University of Canterbury. He believes change is vital for tertiary education in New Zealand.

“We might be in the business of graduating students, but we are in the vocation of changing the world,” he says.

“Our communities face many challenges that cut to the very core of who we are as a society and as humanity, and we really don’t have any time left to not grapple with those issues head on.”

He is determined to advance the cause of communities and feels strongly that humanities and social sciences are central to that.

“I am a man defined by my community. I believe university degrees are not just about merely getting people ready for work, but also about getting people ready for the world and community interactions. I don’t think there is ever a time in the history of humans where humanities has been more important. The IMF, the World Bank, the OECD, the UN and the EU have all identified in their risk management that in the next 50 years the greatest threat to global peace and security is people not understanding people. There are more than seven billion people in the world and if we don’t understand how one another operate we will kill each other. Humanities and social sciences, which is really geared around who we are as individuals, how we group ourselves as communities, is going to be key to reducing those risks.

Originally from Blenheim, Dr Gallavin spent the past 10 years at Canterbury, where he was the Dean of the Faculty of Law. He completed his PhD in international criminal law and is now recognised as New Zealand's expert on the law of consent and culpable homicide having written the book *Evidence*, published in 2008.

Date: 08/10/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Humanities & Social Sciences

University to take part in ShakeOut 2015

Massey University has signed up to participate in the New Zealand ShakeOut exercise that aims to get 1.5 million New Zealanders to take part in a nationwide earthquake drill at 9.15am on October 15.

The tragedy and devastation of the Canterbury earthquakes five years ago highlighted the huge risks earthquakes pose in New Zealand and the need for constant awareness of what to do when earthquakes occur.

ShakeOut aims to build on that awareness and have people learn and practice what they need to do in their workplaces, schools, homes, or wherever they may be during an earthquake. Massey University last took part in ShakeOut three years ago.

At 9.15am on Thursday staff, students and visitors are requested to perform the correct action to take during an earthquake, which is to: Drop, Cover and Hold. The action is the same no matter where you are, and it could save your life.



Each campus is coordinating activities to encourage participation in ShakeOut and to promote the National Get Ready Week. You will see information going up around campus and details coming through about how you can participate or even be a champion for Massey's involvement in ShakeOut for 2015. For more information about ShakeOut at Massey and what staff and Departments can do to get prepared go to: [Massey ShakeOut](#)

More information about [Emergency Management at Massey University](#).



Watch the Drop, Cover, Hold video.

Date: 08/10/2015

Type: Internal Communication

Categories: Uni News

New Zealand joins the global conversation on alcohol-related harm



Professor Sally Casswell

The Global Alcohol Policy Conference has just started in Edinburgh, Scotland (7-9 October), with Professor Sally Casswell attending from New Zealand.

The Global Alcohol Policy Alliance (GAPA) is a network of non-governmental organisations and people working in public health agencies who share information on alcohol issues, and advocate evidence-based alcohol policies.

It's estimated between 600 and 800 people in New Zealand die each year from alcohol-related causes. A 2009 Berl study, applying a methodology endorsed by the World Health Organisation, estimated harmful alcohol use cost New Zealand \$4.9 billion in 2005/06.

GAPA emerged from the inaugural conference held in New York in 2000, and has networks operating in Africa, European Union, South America, South East Asia, USA and Western Pacific regions.

Professor Sally Casswell says, "The conference will showcase positive advocacy, translational research and local action from around the world, as well as highlighting the difficulties the alcohol policy field faces, especially from the inappropriate influence of the alcohol industry."

Professor Casswell will draw on data from the International Alcohol Control Study which is coordinated from New Zealand in order to challenge some of the industry messages about policy.

She says, "Being part of the global conversation gives us in New Zealand new insights into innovative activities taking place globally, so we can learn, as well as be enabled to make a contribution to the global response to the high levels of alcohol-related harm being experienced."

Find out more about the conference here: <http://www.gapc2015.com/>

Date: 08/10/2015

Type: University News

Categories: Auckland; College of Health; Conference/Seminar

Internship day for next generation of scientists



Tamati Durie-McGrath and Thomas Warnock participate in a colour changing chemistry experiment.

Local intermediate school pupils were on the Massey University campus today participating in a Sciences Internship Day.

Eight pupils from Palmerston North Intermediate Normal School, Ross Intermediate and Palmerston North Girls High School, spent a day of their school holidays participating in science-based activities with university lecturers.

The pupils were also given guided tours around some of the university's world-class facilities, including the Riddet Institute, Food Pilot Plant, and the Wildbase Hospital.

The eleven and twelve year olds were hand-selected by Massey University during the Manawatū Science and Technology Fair in August.

Event organiser Kelly Weaver says the pupils were selected based on the quality of their science projects. "These kids demonstrated excellence in research and science understanding so we believe they have exceptional promise for a career in the sciences".

"Today was about fostering that love of science."

Palmerston North Intermediate Normal School pupil Chris Patrick developed a guidance system hat for the blind based on the echolocation of bats. He used ultrasonic sensors which would relay information about the environment, such as if they were getting too close to an object, to the user through vibration.

"This was a cool project and I'd love to do science later too, at high school or uni."

The pupils participated in personalised sessions on chemistry, physics, animal anatomy, computer science, engineering, and food technology.

Palmerston North Intermediate Normal School pupil Hannah Rhee says the best part about the day was getting hands-on with the experiments.

“We get to do a few experiments at school” she says, “but it was really cool to do them in the lab. My favourite was cracking the glove dipped in liquid nitrogen and watching it spread across the floor.”

Massey University Information Technology lecturer, Dr Rachel Blagojevic, led a computer science activity on artificial intelligence. She enjoyed taking part in the day, saying, “It’s always wonderful to see young people so passionate about science, and to show the range of science opportunities available to them at university.”



From left, Tamati Durie-McGrath, Thomas Warnock, Ciaran Carroll, Christopher Patrick from Palmerston North Intermediate Normal School and Madeline Williams from Ross Intermediate School seeing the effects of liquid nitrogen on a glove filled with air.

Date: 09/10/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Sciences; Explore - Engineering; Explore - Food; Palmerston North; School of Food and Nutrition; School of Veterinary Science; Wildlife Ward

Author needed for NZ's WWI medical history



A soldier undergoing a dental extraction (photo/Army Museum at Waiouru)

From dental emergencies, treating dysentery and tending the wounded and dying – to the care of horses, donkeys, dogs and canaries as well as breakthroughs in facial plastic surgery – Massey University is seeking a writer for the untold story of New Zealand's WWI medical services.

War historian Professor Glyn Harper, Massey's project manager of the Centenary History of New Zealand and the First World War, who is leading a 14-book series, says this particular volume will comprise a significant segment of the nation's overall war history.

He stresses the war history of medical services is also a positive story, "to do with care and compassion as opposed to the hard-core battlefield realities of how to kill your enemy," he says.

"It's the story of welfare and restoring people back to health, as well as tending the wounded dying. The book will tell a vital story – it's a major gap in our history."

There are numerous themes to explore for what promises to be a fascinating volume. One key theme is the development of the first dental corps in a Western allied army. War highlighted the grim state of the country's dental health, with one third (35 per cent) of all eligible men rejected for military service due to poor dental health. "For many who did go to war, joining the army was the first time they had a toothbrush," Professor Harper says.

The problem with having bad teeth was that the men were preoccupied with severe pain and therefore less able to focus on the demands of soldiering. Dental problems also weakened their overall health and put them at risk of infection and blood poisoning.

The "appalling" dental health of New Zealanders was partly the result of an increase in sugar in the diet at the time. The popularity of biscuits and cakes, combined with the lack of natural fluoride in the water, unlike in Europe, led to dental woes.



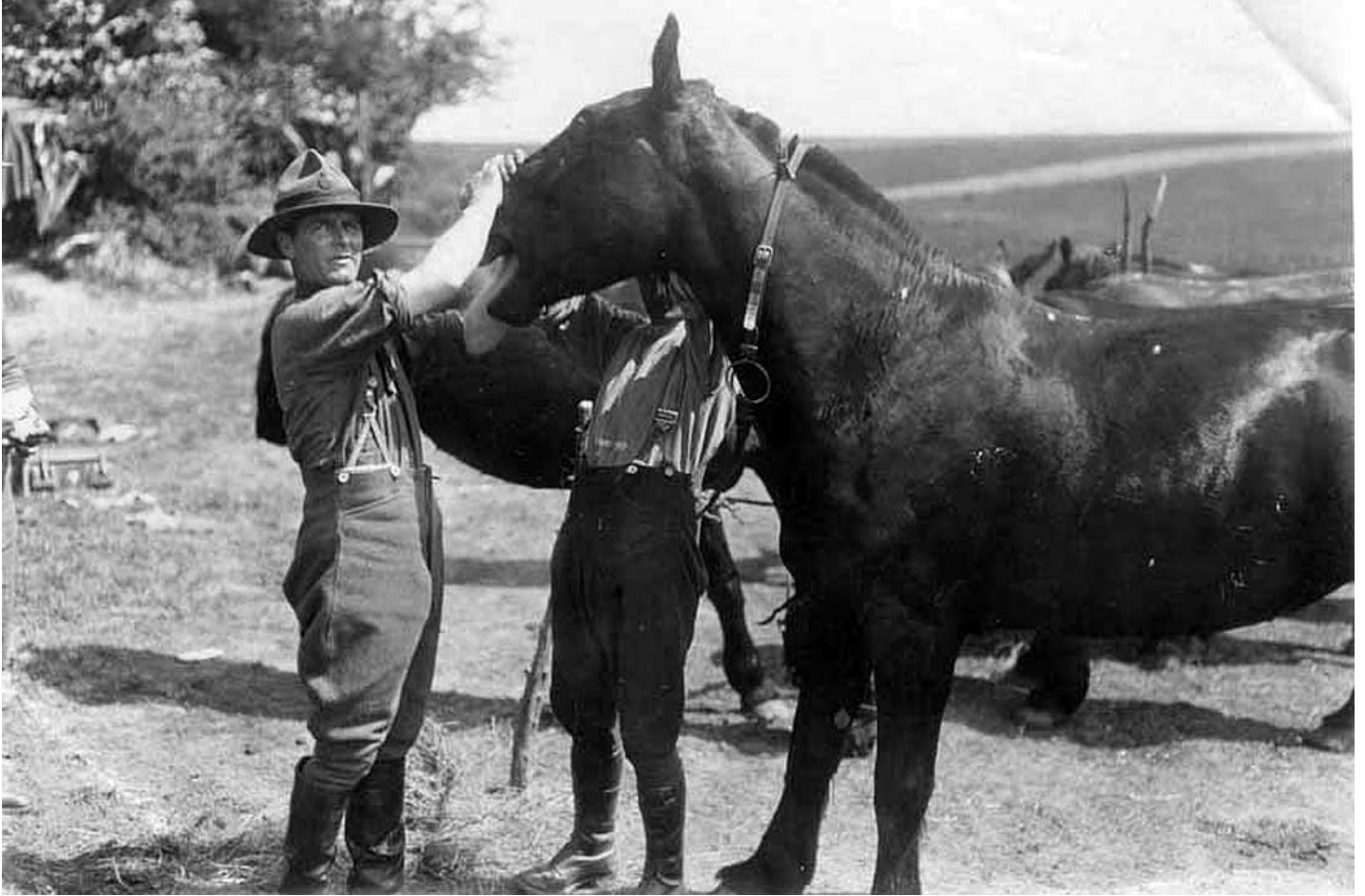
New Zealand soldiers and nurses at a stationary hospital (photo/Army Museum at Waiouru)

Medical services at home and on battlefields

While the threat of dysentery, scurvy, typhoid and malaria hovered, the appointment of sanitary officers, and the fact New Zealand was first to inoculate soldiers and introduce an anti-malarial programme, meant it was the first time more men died in battle than of diseases. However, venereal disease was to become a big problem.

“New Zealand personnel had to deal with horrific injuries caused by high-velocity bullets, artillery fire and chemical weapons,” Professor Harper says. “Added to that, infectious diseases were a constant and grave threat – health professionals prepared and supported over 100,000 servicemen and servicewomen overseas. Those left at home had to fill the gaps left by colleagues serving overseas. In the midst of this, the

devastating 1918 influenza pandemic struck, affecting troops overseas and New Zealanders at home



New Zealand Veterinary Corps at work (photo/Army Museum at Waiouru)

From the horse's mouth

A major gap in the medical history of WWI is the work of overseas-trained New Zealand vets looking after the 10,000 New Zealand horses sent to Europe and the Middle East. The removal of so many horses started to have an economic impact on the country. By the end of the war, only four horses returned.

Ancillary services for animal welfare such as farriers are another part of the untold story. "Hoof lameness and damage was a huge problem and the farriers were vital to preventing this from happening," he says.

The role of convalescent hospitals in England, at Walton-on-Thames, Codford, Brockenhurst and Hornchurch, where New Zealand soldiers were cared for, as well as hospitals in France (Hazebrouk), Egypt and Salonika, form another chapter of the medical history. New Zealand-based facilities, such as Awapuni camp and training centre for pre-deployment training medical officers and medical orderlies, and Hanmer Springs for the treatment of soldiers suffering shell shock, are key strands of the story.

While there are plenty of first-hand sources in the war diaries of doctors, nurses, stretcher bearers and soldiers, as well as hospital records, he hopes the chosen writer will uncover new material.

"The challenge," says Professor Harper, "is to find an historian who is an excellent writer, with an interest in or knowledge of medicine and health services."

"Currently no book tells the collective story of how our troops were supported and cared for by a dedicated team of doctors, nurses, dentists, medics, ambulance officers, orderlies and sanitation and hygiene workers and, for our horses, the veterinarians.

"This volume will explore the coming of age of New Zealand's health services and detail such significant figures as Henry Pickerill and Harold Gillies who set about rebuilding faces and burnt casualties and, in doing so, became the fathers of plastic surgery. It will provide an opportunity to tell the story of their efforts to deliver the best of healthcare under the most difficult of circumstances."

Professor Harper expects the history will be completed by the end of 2018, with the aim of launching the volume around the commemoration of the Signing of the Treaty of Versailles on 28 June, 2019.

The book is funded by grants from the Lottery Board (\$140,000), and New Zealand Defence Force, the New Zealand Veterinary Association and the Palmerston North City Council.

For more information contact Professor Harper at g.j.harper@massey.ac.nz.

Books published, in progress or planned for the series:

- New Zealand and the First World War* (a general illustrated history) - Damien Fenton
- New Zealand hospital ships* - Gavin McLean
- New Zealand's WW1 heritage* - Imelda Bargas and Tim Shoebridge
- *Johnny Enzed* - The soldier's experience* - Glyn Harper
- The New Zealand Expeditionary Force - John Crawford
- The Western Front - Ian McGibbon
- The Māori experience - Monty Soutar
- New Zealand's War at Sea - Gavin McLean
- New Zealand and the Air War
- The Home Front
- The War against the Ottoman Turks
- New Zealand Medical Services in the War
- New Zealanders serving in other Forces

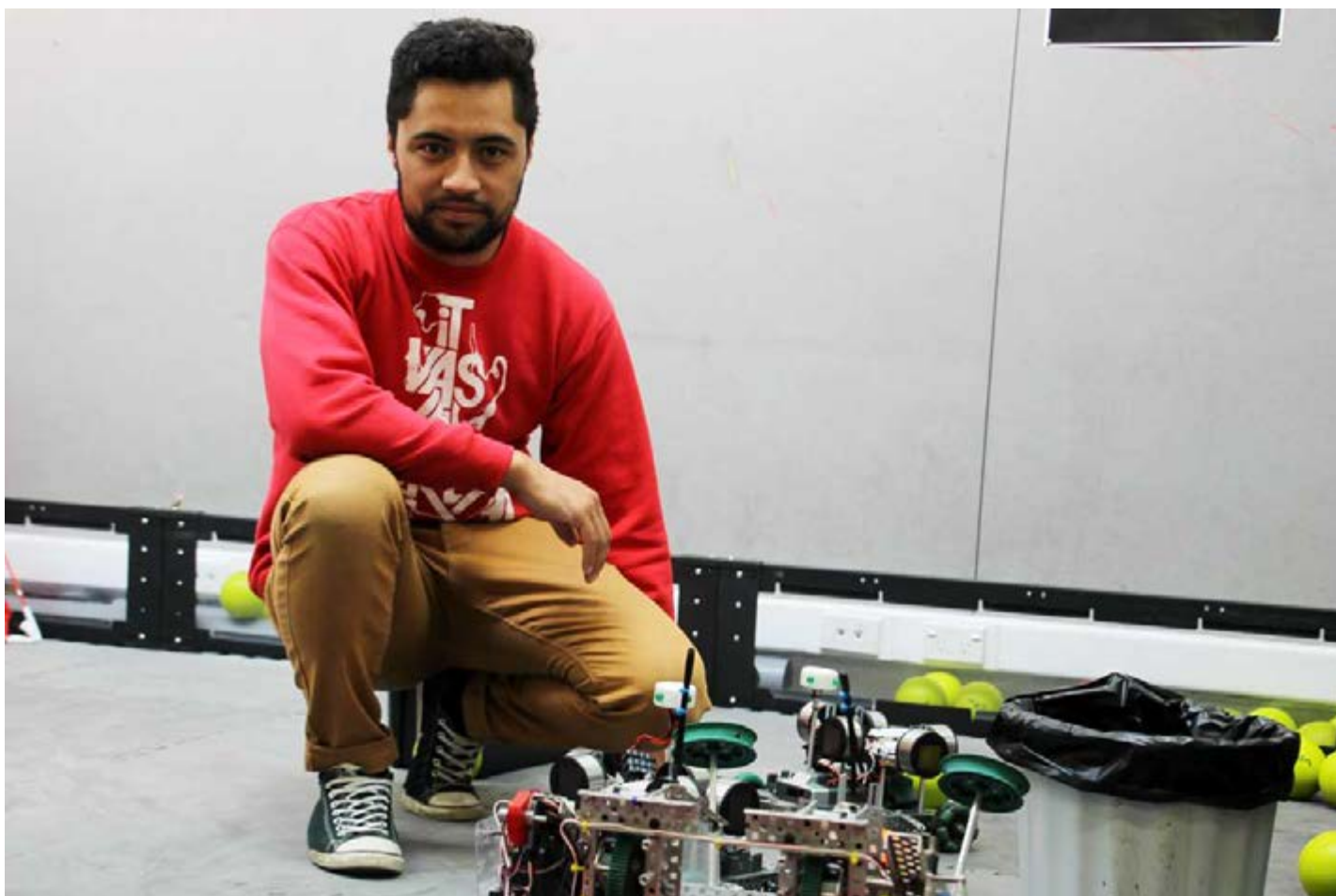
(* Published so far)

Date: 09/10/2015

Type: University News

Categories: Home Page article; Book; College of Humanities & Social Sciences; Feature; Research; School of Humanities; Uni News

Engineering Māori futures



Moresby Kainuku (Tūwharetoa, Ngāi te Rangī) wants to encourage more Māori to consider science as a career.

Moresby Kainuku (Tūwharetoa, Ngāi te Rangī) is engineering a future for himself and urging other Māori to do the same. The 2nd year Massey University student is studying for a Bachelor of Engineering (Hons) majoring in electronics and while he's enthusiastic about his course, he's saddened by how few Māori get into science and technology.

“It's like we're locked into traditional thinking about our land, and land development and technology isn't considered part of a Māori future”. Moresby believes Māori have little exposure to technology and don't see it as part of their world. “But we are missing out on opportunity in terms of work and learning.”

Moresby's enthusiasm for technology and higher learning is infectious and his influence has changed his own family. “For three years no one in my family was in tertiary study and now in one year we have nine of my cousins studying.” His pride in that fact is as wide as his grin but he says others could be following their footsteps. “I think the problem is people just don't know what's available - what's here for them.”

It was an interest in building things and watching them work that got Moresby hooked on engineering. For five years he trained as a technician with the Royal New Zealand Navy but realised to take his dreams further he needed tertiary study. Now he works in 3D printing, robots and micro-electronics, among other fields. “I chose Massey not just because it's close to my home on the North Shore but because the Albany campus has small class sizes with an almost whānau type atmosphere, and the research is cutting edge”.

Studies are factored around caring for his baby son Metua-Tatare while his partner Tilah Riri is on Naval duties, but Moresby says their support has been vital. He's already looking ahead to post graduate studies in the field of micro-electronics and nano technology and he's looking forward to having more Māori join his ranks.

Type: Features

Categories: College of Sciences; Explore - Engineering; Maori

New music degree a 'game-changer'



More than 150 people enjoyed a transformed theatre venue The Pit, at the College of Creative Arts building Te Ara Hihiko, for the launch of the new School of Music and Creative Media Production and its degree the Bachelor of Commercial Music.

Massey University's newest qualification, the Bachelor of Commercial Music degree, predicted to be the “premier music degree” in this country, was launched in great style at the Wellington campus last week.

The new degree, which is taking enrolments at the moment, is part of Te Rewa O Puanga - the School of Music and Creative Media Production and will begin in 2016.

More than 150 supporters poured into the College of Creative Arts building venue The Pit, which had been transformed into a makeshift music venue for the night. There was music from band Young Tapz, DJ Alphabhead and multi instrumentalist Lord Echo and a performance by course tutor and renowned musician Warren Maxwell.

After a blessing by Director of Maori Arts at Massey Ngatai Taepa, the Head of the School of Music, Associate Professor Andre Ktori welcomed guests and said that this new degree marked a significant development in music at Massey. It also recognised the economic impact the music industry was making in New Zealand.



School of Music and Creative Media Production tutor and accomplished musician Warren Maxwell

The industry needed people to be successful in performance and skilled in the new tools offered and to be aware how the digital age and given rise to new consumers, he said.

Pro Vice-Chancellor of the College of Creative Arts, Professor Claire Robinson, admired Associate Professor Ktori's vision and that enrolments in creative media production had soared under his tutelage. The new degree would be the "premier music degree in New Zealand," she said.

In introducing Vice-Chancellor Steve Maharey, Professor Robinson said the Vice-Chancellor had been a strong advocate of Kiwi music, being an enthusiastic promoter of it at Massey and during his time as Minister of Broadcasting in the last Labour Government.

Massey acknowledged the vision of staff in introducing the new degree, Mr Maharey said.

"We are focusing on contemporary music [at Massey] because this industry has come of age," he said. "It is an amazing place to be a young musician now...Wellington has the potential to be bigger and bigger in creativity."

Associate Professor Norman Meehan, a long time staff member at the New Zealand School of Music, formerly jointly run by Massey with Victoria University, said that this development was new and exciting.

"Massey has the opportunity with this new degree to do something no-one has done before."

Mr Maxwell, said the new degree was a "game-changer" and that the support from Massey and its staff had been vital.

"We have a loving whanau here and we are going to get our music out to the world."

Mr Maxwell is a founding member of Trinity Roots, Little Bushman and ex Fat Freddy's Drop, while Mr Ktori is a BAFTA award winner and has been signed to Warner Brothers and Atlantic Records. Other tutors include Nicky Harrop who has 18 years' experience in the music industry working for BMG and Sony Music labels, and Devin Abrams a producer and musician from Pacific Heights and international drum and bass act Shapeshifter.

Date: 12/10/2015

Type: University News

Categories: Home Page article; Feature

Star studded line-up for 25th Blues Sports Awards



Vice-Chancellor Steve Maharey congratulates last year's Sportswomen of the Year Award recipients Polly Powrie and Jo Aleh.

Some of the biggest names in sport will receive 2015 Massey University Blues Sports Awards this week – but who will be named Sportsman and Sportswoman of the Year?

The awards, now in their 25th year, are the highest sporting accolade given in the New Zealand tertiary system, and part of a tradition dating back to 1922.

2015 Blues recipients include Tall Black Mika Vukona, Black Stick Gemma Flynn, paralympian alpine skier Corey Peters and yachting gold medalist Jo Aleh.

So, here are the nominees!

Massey University Distance Student Sportswoman of the Year:

Gemma Flynn- Hockey

Jo Aleh - Yachting

Abby Young – Football

Zoe McBride – Rowing

Mary Fisher – Swimming

Molly Meech – Yachting

Massey University Distance Student Sportsman of the Year:

Corey Peters – Alpine Ski Racing

Mika Vukona – Basketball

Matthew Cameron – BMX

George Worker – Cricket

Alistair Bond – Rowing

James Hunter – Rowing

These awards are for students studying via distance learning. They highlight Massey University's longstanding reputation for providing the highest level of flexibility, tailored to the life of the high-performing athlete. As a result of this dedication, Massey was the first in New Zealand to be named an athlete-friendly university by High Performance Sport New Zealand.

BNZ Bank has been a principal sponsor of the Blues since 1995. The BNZ Trophy is presented to the top performing Sportsman and Sportswoman from each of Massey's three campuses in Auckland, Manawatu and Wellington.

BNZ Massey University Sportsman of the Year - Manawatu

Hamish Kerr - Athletics

Jordan Peters - Athletics

Malcolm Gibson - Canoe Slalom

Tim Cadwallader - Rugby

Nick Grogan - Rugby

Sam Malcolm - Rugby

Airana Ngarewa - Wrestling

BNZ Massey University Sportswoman of the Year - Manawatu

Elizabeth Randle - Archery

Haylee Dangen - Canoe Slalom

Hannah Rowe - Cricket

Bonnie Farrant - Equestrian

Abigail Long - Equestrian

Tayla Mason - Equestrian

Rebecca Barnett - Squash

BNZ Massey University Sportsman of the Year - Albany:

Nicholas Southgate – Athletics

Phillip Wyatt – Athletics

Robert Capizzi – Hockey

Sanjay Lala – Hockey

Mick Lammers – Hockey

BNZ Massey University Sportswoman of the Year - Albany:

Cheree Kinnear – Archery

Samantha Charlton – Hockey

Brittany Coates – Rugby and Rugby Sevens

Women's Team of the Year:

Massey Women's 1st XI Football Team

Men's Team of the Year:

Massey University Men's Division One Hockey Team

Massey University Men's Second Division Hockey Team

Outstanding Contribution Award:

Stacey Hendricks - Alpine Club

Pete Anderson - Rugby

Jed Stewardson-Hill - Hockey

The Awards are being held in Palmerston North on Tuesday October 13, and in Auckland on Thursday October 15.

Date: 12/10/2015

Type: Awards and Appointments

Categories: Home Page article; Academy of Sport; Awards and appointments; School of Sport, Exercise and Nutrition; Sport and recreation; Uni News

Digital moa taking flight online



The skull and other bones from a little bush moa are being 3D scanned at Auckland War Memorial Museum. Image credit: Daniel Thomas.

A three-dimensional digital moa skeleton is being built bone-by-bone by staff at Massey University and the Auckland War Memorial Museum.

The digital version of these ancient bird bones will become a learning resource for the public, including secondary and tertiary students.

Massey University ornithologist Dr Daniel Thomas is leading the project under the supervision of museum natural sciences collections manager Jason Froggatt, and with the assistance of zoology technician Jessica Hiscox.

The trio have spent several days scanning the bones from *Anomalopteryx didiformis* individually in the museum, which Dr Thomas says has been “a long process” but with “high quality results”.

So far, they have assembled the legs of the moa and are showing their progress on a ‘Building a moa’ [web page](#). The website, entitled *Evolution in Isolation*, includes other three-dimensional digital models, wildlife photos and sound recordings from animals that live in New Zealand, from spiders to songbirds.

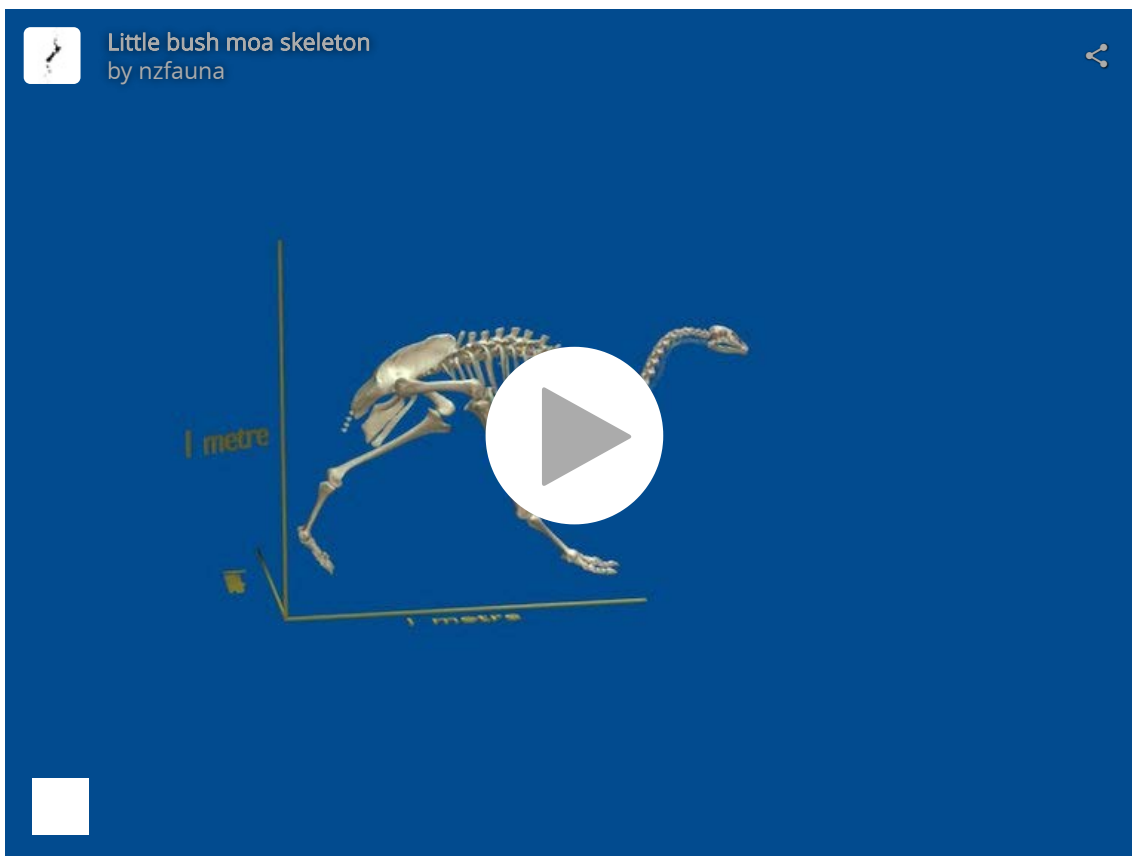
Dr Thomas says the recent trend of displaying three-dimensional digital versions of museum objects online has been supported by major museums internationally, like the Smithsonian Institution and the London Natural History Museum.

“We are going to see more of this in New Zealand. For a while now, researchers have used CT scanners to make digital versions of 3-D bones, but few museums have this technology in-house. The 3-D scanner we have is portable, so it can be brought into museum collections”.

Mr Froggatt is pleased to have new ways of showcasing their collections.

“By providing access to our moa collections we are enabling students to experience moa anatomy in full digital detail,” he says. “From 3D printing bones for onsite programmes to having interactive images available online, these digital opportunities create exciting new engagement possibilities for Auckland Museum.”

The team hopes to complete their digital moa skeleton over the next few months.



[Little bush moa skeleton](#) by [nzfauna](#) on [Sketchfab](#)

Date: 12/10/2015

Type: Audio Visual

Categories: Home Page article; Applied Learning; Auckland; College of Sciences; Enviromental issues; Teaching

Tool to improve the quality of care and life for vulnerable



Professor John Hirdes, University of Waterloo, Ontario, Canada

A new electronic assessment tool to improve the quality of care for the elderly and vulnerable could have wider applications for the health of New Zealanders.

The tool, interRAI, is a relatively new concept to New Zealand but is well used in Canada. So, what lessons can we learn from it, and how can we collaborate to get better health outcomes for our most vulnerable?

University of Waterloo's Professor John Hirdes is in Auckland this week, hosting a seminar at Massey University's Albany campus. He will explore how this electronic assessment tool can improve the quality of health care for those in home and community care, residential and long-term care, acute care, assisted living, mental health and palliative care

InterRAI is a not-for-profit collaborative network of researchers and clinicians from more than 35 countries improving health care for the elderly, frail and disabled. Since July this year, it has been mandatory for all aged care facilities in New Zealand to use interRAI as their primary assessment for care planning.

Professor Hirdes' seminar will provide an overview of Canada's use of interRAI assessments. He offers ideas for how researchers, health service providers and policy makers in both countries could collaborate.

"New Zealand and Canada have been at the forefront of innovation in the use of electronic health records to improve the care of vulnerable persons," says Professor Hirdes. "There are exciting new opportunities for our countries to collaborate at multiple levels in order to improve the quality of health care."

Massey University College of Health Pro Vice-Chancellor Professor Paul McDonald was recently appointed Chair of the interRAI Governance Board by the Ministry of Health.

Professor McDonald says, “I had the pleasure of working with Professor Hirdes in Canada. He helped providers in long-term care, mental health, and home care to use the interRAI instrument to develop evidence-based practices and benchmark their progress.

“John is a master at using the interRAI set to study policy and practice alternatives for very little cost. He is a very engaging speaker who will be of great interest to researchers, students, policy developers and programme providers.”

For more information on interRAI: <http://www.interrai.org/>

Seminar details

Where: Atrium Round Room, Massey University, Auckland Campus

When: 12 – 1pm, Thursday October 15

Please RSVP to Leanne Menzies – L.Menzies@massey.ac.nz

Date: 12/10/2015

Type: Features

Categories: Home Page article; Auckland; College of Health; Conference/Seminar; Explore - HEALTH

Helmet design among Massey BeST Award winners



Philip Leyten's Triple Skin helmet design

A helmet that moves on impact to protect bike riders, is among a host of winning entries from Massey University at the 2015 BeST Awards.

The Design Institute of New Zealand's annual showcase of excellence in graphic, spatial, product and interactive design saw Massey's School of Design win three gold pins and five silver pins at the awards function in Auckland on Friday.

Industrial design honours graduate Philip Leyten's entry designed as a one-size-fits-all triple skin BMX helmet, after seeing riders at the bike park risk head injuries from incorrectly wearing traditional helmets or not wearing one at all.

Mr Leyten was one of three student product design gold winners.

William Nicholson and Avara Moody were similarly honoured in product design while Tom Bellamy was awarded a gold pin for interactive design.

Mr Leyten's design uses a tension system so wearers can fully adjust the shape of the ventilated design to their head. It also features a segmented design allowing each part to move on impact through a three-stage system. The outer shell disperses the main impact, moving to absorb energy and dampening the force while minimising any rotational force. The styrene middle layer absorbs the main force with a separate foam layer helping to also cushion the impact.



Philip Leyten

Mr Leyten 's design was also shortlisted in July for the Dyson NZ Award, with judges led by Mike Jensen acknowledging the design addressed the ongoing issue for BMX riders of helmets either being ill-fitting or lacking in style.

“This helmet overcomes some of the existing stigmas and the physical discomfort associated with wearing helmets in this sport,” Mr Jensen said.

“In a sport where head accidents can be very serious, Triple Skin offers a solution that could create a cultural change.”

School of Design staff, Professor Tony Parker and Nick Kapica were presented with silver pins at the BeST Awards as were graphic design students Michaela Ashford, Samuel Crook and Oliver Ward.

Date: 12/10/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Creative Arts; Creative Arts; Research - Design; Wellington

The importance of nutrition in the first 1000 days



Dr Cath Conlon with Cameron, at Massey University Albany's early childhood centre.

During the first 1000 days, from conception through to a child's second birthday, nutrition plays a vital role in promoting optimal growth and development. But what should be one of the most fun stages, starting babies on solid foods, can instead be a stressful time.

Dr Cath Conlon of Massey University's Institute of Food Science and Technology is undertaking research to find out more about how babies in New Zealand are fed, and if mums feel they are getting support, and the right advice.

“Parents want the answer to a simple question, ‘What foods can I give my baby?’ Yet they are confronted with lists of suitable foods for different ages – baby rice at six-months is OK, but don't give toast fingers until seven-months.

“Advice during this time is often conflicting, and differs dramatically from what advice was given to their mothers. It may have even changed between their first and second child.”

She says, “There are even ‘baby fads’ such as avoiding starchy foods or fruit because of their sweet taste.”

Dr Conlon says in other countries, a wide variety of first foods is given to babies. “From congee [rice porridge] to dahl [pureed lentils] to papaya and mangoes. Many countries are not afraid to add flavour to babies’ foods such as garlic, ginger and turmeric, or use traditional foods such as Yak butter and dried fish.”

Dr Conlon wants parents of babies aged between six to nine-months to participate in a simple online survey to help her research: <https://www.surveymonkey.com/r/howbabiesfeed>

This hot topic of debate will be highlighted at an upcoming symposium at Massey University where experts from New Zealand and Australia will present the latest research on the importance of *Early Life Nutrition: the first 1000 days* to New Zealand Health Professionals.

The two-part series focuses on the journey through the first 1000 days, through conception and pregnancy to childhood. Experts will speak on a range of topics, including the development of allergies in children, prevention of obesity, weight control through pregnancy and how to tackle fussy eaters.

Part One: Thursday 22nd October

Part Two: Thursday 31st March 2016

To register and for further information about the symposia series: www.massey.ac.nz/nutritionssymposia

Date: 12/10/2015

Type: Features

Categories: Home Page article; Auckland; College of Health; Conference/Seminar; Explore - HEALTH

Winners of 2015 Research Medals



The Bioprotection Research Team, from left, Dr Austen Ganley, Professor Murray Cox, Dr Carla Eaton, Dr Pierre-Yves Dupont, Professor Barry Scott and Professor Rosie Bradshaw.

Professor Glyn Harper from the College of Humanities and Social Sciences is the individual winner of this year's Massey University Research Medal, while the team medal has gone to the Bioprotection Research Team in the College of Sciences.

Supervisor medal winners are Professor Nicolas Lopez-Villalobos (Sciences), Professor Regina Scheyvens (Humanities and Social Sciences) and Professor Martin Young (Business).

Early career university medal winners were Dr David Hayman (Sciences), Tanya Marriott (Creative Arts) and Dr Natasha Tassell-Matamua (Humanities and Social Sciences).

A Professor of War Studies, Professor Harper is also the Massey project manager of the Centenary History of the New Zealand and the First World War. His work focuses on the impact of war on people, places and communities, the changing nature of warfare and military command and leadership.

A former secondary school teacher, he joined the Australian Army in 1988 and eight years later transferred to the New Zealand Army, where he reached the rank of lieutenant colonel. He was the New Zealand Army's official historian for the deployment to East Timor and is the author of 23 books, including six that have been reprinted and four that have reached New Zealand best seller status.



Professor Glyn Harper

The Bioprotection Research Team operates as part of the Government-funded centre of research excellence the Bioprotection Research Centre. The centre focuses on fundamental research into natural, sustainable ways of protecting New Zealand from plant pests, diseases and weeds.

The team is led by Professor of Molecular Genetics Barry Scott, and members are Professor of Genetics Rosie Bradshaw, Professor of Computational Biology Murray Cox, postdoctoral fellow Dr Pierre-Yves Dupont, lecturer in genetics Dr Carla Eaton and senior lecturer in genetics Dr Austen Ganley.

They investigate two key biological systems considered vital to the New Zealand economy. One is the beneficial symbiotic relationship between our pasture grasses and a fungal endophyte (a microbe that lives in the tissues of the grass and helps protect it from environmental stresses) and the other is the pathogenic attacks on pine trees by a harmful fungal microbe.

Professor Scott says team members are delighted with the medal. "It recognises not only our ground-breaking research and the real-world applications it has in the agriculture and forestry industries, but the team work that has gone into that success."



Professor Regina Scheyvens

Head of the Institute of Fundamental Sciences, Professor Simon Hall, says the strength of the research group is a quality of research, which has allowed them to secure approximately \$10 million in research funding over six years.

Professor Regina Scheyvens is the current programme co-ordinator of development studies and co-director of the Pacific Research and Policy Centre. Her research, which spans 23 years, investigates how tourism can bring benefits to developing countries through socially and environmentally responsible practices. She has supervised 15 PhD students and 37 masters, with six current PhD and two masters students.

Former student of Professor Scheyvens and current doctoral candidate at Cornell University in the United States, Alice Beban, says her supervisor's support and adaptability was invaluable. "Regina was always positive and enthusiastic. She adapted her supervision style to match different students' learning styles and needs."

Individual college research awards were won by Professor Joachim Brand (Sciences), Associate Professor Andrew Martin (Health), Associate Professor David Pauleen, Professor Velmurugu Ravindran (Sciences), Dr Joanne Taylor (Humanities and Social Sciences) and Professor Malcolm Wright (Business).

Supervisor award winners for the colleges are Professor Sarah Leberman (Business), Associate Professor John Holland (Sciences), Dr Sandra Heffernan (Creative Arts) and Dr Geoff Watson (Humanities and Social Sciences).

Early career college award winners were Dr Matthew Barnes (Health), Dr Carla Eaton (Sciences), Dr Russell Prince (Humanities and Social Sciences) and Dr Kan Tsui (Business).

Date: 12/10/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Health; College of Humanities & Social Sciences; College of Sciences; Explore - Agriculture/Horticulture; Innovation; Research; Teaching

A sign of the digital times



Mechatronics student Tobin Hall, right, with digital content editor Katherine Huynh.

A team of Massey University engineers and computer scientists are revolutionising digital sign technology with the aim of making “finding your way” an interactive and personalised experience.

The project was to create a digital sign that could rotate and display different information according to where it was pointing. Computer scientists could then enhance the sign to make it “smart”.

The idea came from Massey University digital content editor Katherine Huynh, who had seen a similar product available overseas.

“The sign would rotate around and, as it did, would display different information on a black and white display. It was fairly basic looking and I thought, with the skills and expertise available at Massey, we could make something better.”

Fourth year mechatronics student Tobin Hall took on the challenge of building and programming the sign.

A single-board computer running a Linux based operating system controls what the sign displays on an array of light emitting diodes (LEDs). A brushed motor controls the rotation of the sign around a fixed base and the position of the arms is recorded by an encoder at the base of the motor. This allows Mr Hall to map an angle to a location and relay that through the encoder.

“Doing a mechatronics degree, you gain knowledge in all aspects of engineering that relate to the project, so I had knowledge in computer systems engineering, micro-controller programming and mechanical and electrical engineering – all which were needed to make it work”

School of Engineering and Advanced Technology chair of computer science Professor Hans Guesgen was able to bring his expertise of smart technologies and the “internet of things” to the fore and plan the future development of the sign.

“People are becoming more comfortable interacting with their devices and other technology around them. You can even connect with your washing machine remotely now,” he says.

“Most of these interactions are initiated by us but more frequently devices will initiate their own communication and will intelligently interact with us and other devices.

“This could happen through what Google calls a ‘URIBeacon’. You could install a beacon on the sign that would use Bluetooth to transmit a request to a user to interact with it. That request could be in the form of a web link or request to access an app on the users phone, giving users the chance to tell the sign exactly what information they want displayed.”

As well as making the sign interactive, plans are underway to make it able to display Twitter, or other social media feeds.

Engineering programme director Associate Professor Gourab Sen Gupta says the project is an excellent example of the synergy between engineering and computer science.

“The sign is a very sophisticated computer in itself. Our computer engineers could then step in and expand the capabilities of the sign to make it an interactive experience for users.”

A Sign of the Digital Times | Massey University

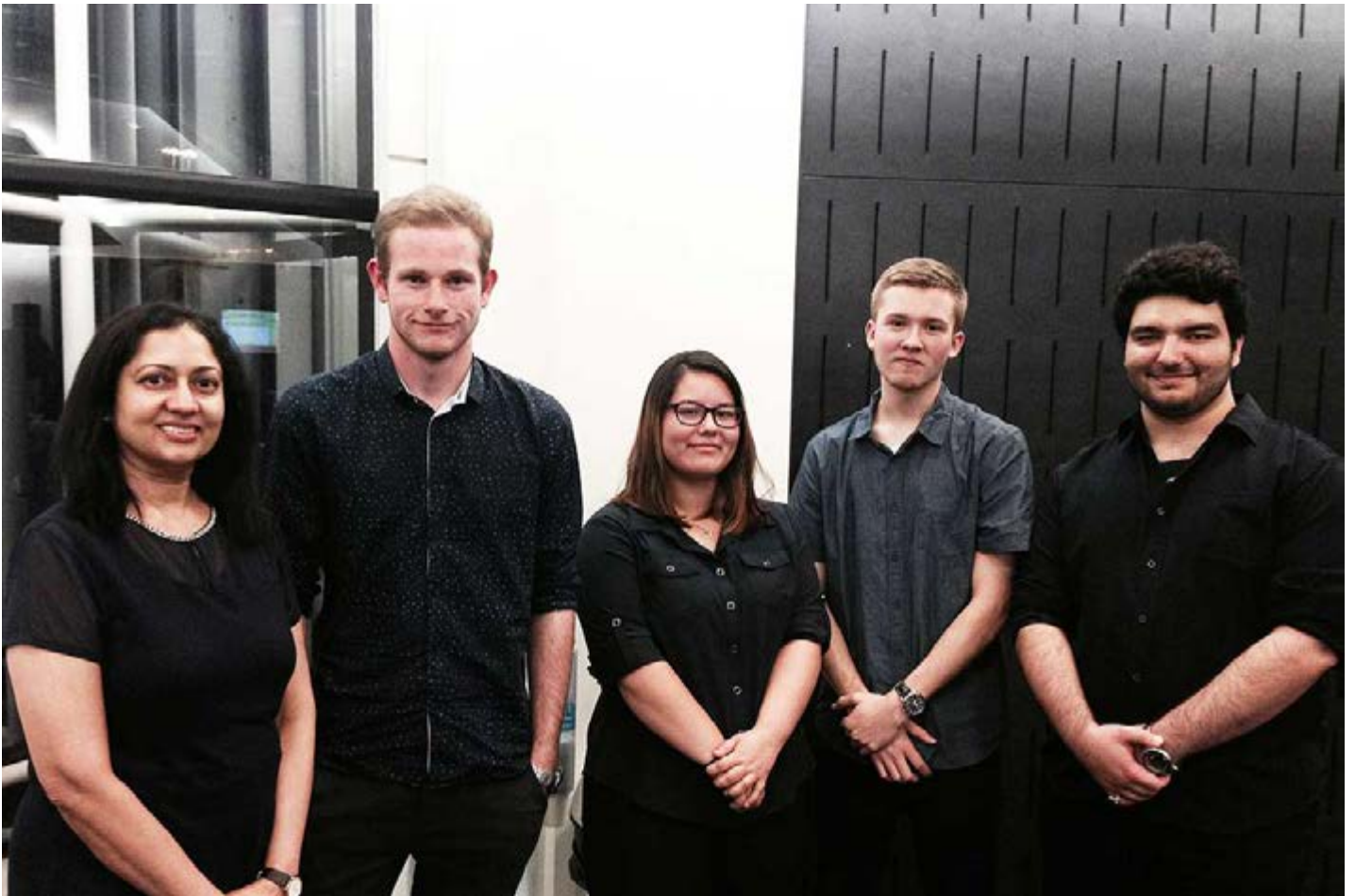


Date: 13/10/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - Engineering; Innovation; Open day Palmerston North; Research; Research - 21st century

Engineering student success knows no borders



Senior lecturer Dr Aruna Shekar, left, with the Massey University Engineers Without Borders Challenge team, from left, Taite Shephard, Ayumi Slegers, Darryn Wells and Yaser Tamimi.

For the fourth consecutive year a team of Massey University engineering students have won the Engineers Without Borders national competition held last Saturday – with their solution soon to become reality in a village in Cameroon, Africa.

The team, consisting of first year students Taite Shephard, Ayumi Slegers, Yaser Tamimi and Darryn Wells, out-competed eight teams from universities around New Zealand in the challenge addressing the rapid urbanisation of Bambui village that has led to pressures on the existing water supply, sanitation, waste management and available housing facilities.

Students were required to create a design report and supporting materials that address one or more of these challenges, creating a solution that could be of value to the community.

To address the hygiene issues in the village, students came up with the innovative solution of an organic soap made out of wood ash and coconut oil. Through their research into the community's practices they found that villagers rely on cooking on wood stoves, which produced a lot of ash. They filtered the soot and combined the lye with coconut oil, which is easily available in Cameroon and has natural binding properties. Their solution not only re-used ash waste but was also low cost and environmentally friendly.

The students plan to introduce the soap to the villagers by working closely with Engineers Without Borders and their partner organisation, Re-Ignite Action for Development. They will distribute starter kits that contain the essential ingredients in the right proportion. There is also the option of setting up a small business to make and sell soaps in large scale to neighbouring villages.

The judges noted that the solution used locally available materials, addresses the current problems of hygiene and spread of diseases, and has the “certainty of a positive difference to the community”.

Team leader Ayumi Slegers says she and her team are grateful for the opportunity to work with Engineers Without Borders and to make a real difference in another part of the world.

“It was a fascinating and eye opening experience to learn about another culture and how they live. We hope to build on the skills we have gained from this competition and use them for good in the future.”

School of Engineering and Technology senior lecturer, Dr Aruna Shekar, says she is very proud of the students.

“Their solution highlights the importance of contextual knowledge and community consultation in generating appropriate solutions. The organic ash soap project empowers villagers to create their own healthier futures.”

The competition is offered as a project for all first year students in engineering across all majors.

“Students are made aware of their social responsibilities as engineers, when they start their studies. They come to learn that technical solutions alone are not enough. The solutions need to be creative and fit for purpose. They need to think about how their solutions can be implemented in remote villages.”

The team will represent New Zealand in the international competition in Melbourne in December.

Massey University is the only university to offer the engineering innovation management (product development) as a major in engineering.

Engineers Without Borders is a global, member-based, not-for-profit organisation with the aim of creating systemic change through humanitarian engineering.

Date: 13/10/2015

Type: Awards and Appointments

Categories: Home Page article; Applied Learning; Awards and appointments; College of Sciences; Explore - Engineering; International; National

Latin American film festival in Manawatū



Scene from *Matar a un hombre* (Chile),

The diverse cultures, stories and accents of Latin America are being showcased via the cinema of 12 Spanish-speaking countries in this year's Latin American and Spain Film Festival, now screening in Palmerston North and Ashhurst.

Now on its 14th run, the festival is a great way to become better acquainted with Latin American peoples, histories and contemporary social settings, says Dr Leonel Alvarado, head of Massey's Spanish Language Programme. He has been instrumental in working with embassies to organise the festival over the years.

Screenings at the Palmerston North City Library and Ashhurst Community Library include romance, comedy, animation, drama and documentary films.

The line-up includes award-winning movies, including Chilean drama *Matar a un hombre* (To Kill a Man), which received both the Grand Jury Prize at the Sundance Film Festival and the KNF Award at the Rotterdam International Film Festival in 2014. The film centres on Jorge, a middle class family man whose neighbourhood has become overrun by street thugs. A constant target of their intimidating threats, he seeks legal protection but is ultimately cornered into defending himself.



From the animation film La Revolución de Juan Escopeta (Mexico)

Mexican revolution animated

La Revolución de Juan Escopeta (The Revolution of Juan Escopeta) – an animated film from Mexico – follows the sad story of Gapo, a child living in Guanajuato during the Mexican Revolution (1910-1918). He is taken by the Federal Army to join the battle, and teams up with hired gunman, Juan Escopeta. They teach each other about life, death and friendship, as they embark on a trip in search of Gapo's brother.



From Mejor no hablar de ciertas cosas (Ecuador).

Ecuador family drama

In Ecuadorian movie *Mejor no hablar de ciertas cosas* (Porcelain Horse), Paco Chavez's life is changed forever after a fight with his father which erupts when he and his brother attempt to steal a precious porcelain horse from their parents' house so they can pawn it for drugs.

The festival is at the Palmerston North City Library from October 12-23, and at the Ashhurst Community Library from October 9-24. The festival is screening in Ashhurst for the first time this year.

Embassies of Argentina, Brazil, Chile, Colombia, Cuba, Ecuador, El Salvador, Mexico, Spain, Peru, Portugal, Uruguay and Venezuela selected a film from their country to screen for the festival, which also runs in Wellington, Dunedin, Auckland, Tauranga and New Plymouth, says Dr Alvarado.

"The objective of this festival is to share with our New Zealand friends a little taste of our cultures, our traditions, our problems, our societies, our dreams... to strengthen the knowledge and understanding that are pillars of the friendship between our peoples," the Ambassador of Argentina, Fernando Escalona says.

In Palmerston North, the Festival runs from 12-23 October, showing the following films:

Wednesday 14 Oct: Azú (Venezuela)

Friday 16 Oct: Garbo, The Spy (The Man Who Saved the World)

Monday 19 Oct: Porcelain Horse (Ecuador)

Wednesday 21 Oct: Xingu (Brazil)

Friday 23 Oct: To Kill a Man (Chile).

In Ashhurst, the Festival runs from 9-24 October, showing the following films:

Tuesday 13 Oct: Artigas, The Exodus (Uruguay);

Saturday 17 Oct: To Fool a Thief (Argentina);

Tuesday 20 Oct: That Thing You Love (Peru);

Saturday 24 Oct: The Revolution of Juan Escopeta (Mexico).

For more information about the films check out the Palmerston North City Library's [website](#), or contact the Massey University School of Humanities on 06-356-9099 ext 83585, or l.alvarado@massey.ac.nz

All movies have English subtitles and will screen at 7pm. Entry is a gold coin donation.

Date: 13/10/2015

Type: Features

Categories: Home Page article; College of Humanities & Social Sciences; Exhibition/Show; Feature; School of Humanities; Uni News

Massey's nutrition focus for National Science Challenge



Distinguished Professor Harjinder Singh

Massey's top scientists will work on developing vital food solutions, thanks to new research funding launched today in the National Science Challenge High-Value Nutrition.

The funds come from \$10.9 million being invested into health research for one of the Government's 11 big science challenges announced by Science and Innovation Minister Steven Joyce last year.

The ultimate goal of the research is to increase the value of New Zealand's raw materials and food exports by validating health claims for food and beverage products, in a bid to boost our economy by \$1 billion by 2025.

High-Value Nutrition has allocated \$600,000 to Massey University for a preliminary project to establish current knowledge on the food science of health foods. This is in addition to a \$1.5m programme to support the design and development of food and beverages that maintain their health benefits through to the point of consumption.

The principal investigator is Distinguished Professor Harjinder Singh, with support from colleagues from the University of Otago, Lincoln University and AgResearch.

Professor Singh says the Science of Food team is uniquely placed to provide strategic scientific guidance and vital food solutions. He says this is vital "if High-Value Nutrition is to identify research avenues where there is freedom to operate, as well as high scientific and technological feasibility and ultimately the potential for economic impact."

Programme 1, Scanning the Horizon, will canvas food for health developments in the scientific, patent and regulatory realms. This programme runs from now until June 2016. Professor Singh says the goal is to

provide a near-continuous stream of up-to-date, tailored intelligence on international practice in development of foods for health. The next step, Programme 2, Bioactive Food Systems, addresses this need, by translating nutrient delivery targets into model food products, using the insights from Programme 1.

As part of the High-Value Nutrition Challenge, Massey is a key player in undertaking research that underpins the food-for-health initiative in New Zealand and around the world. Massey is the host of the Riddet Institute Centre of Research Excellence that focuses on cutting edge, fundamental research in food science and nutrition. The Riddet Institute research findings and the greater Riddet Institute intelligence network feeds directly into the HVN programme.

In addition, Massey has recently established the Institute of Food Science and Technology, which represents the critical mass and the largest capability in food science and innovation in the Southern Hemisphere. Massey scientists are already helping New Zealand companies develop new foods and beverages that improve health at different stages of people's lives, from pre-natal through baby, infant, childhood and ageing.

For more information on the High Value Nutrition National Science Challenge:
<http://www.highvaluenutrition.co.nz/en.html>

Date: 13/10/2015

Type: University News

Categories: Home Page article; College of Health

French artist-in-residency programme confirmed



Artistic duo Louise Hervé and Chloé Maillet, one of two arts residencies confirmed for Wellington next year in conjunction with Massey University's School of Art and the Wellington City Council.

Three contemporary artists have been selected for the inaugural French artist-in residence programme run by Massey University's School of Art and the Wellington City Council.

In partnership with Te Whare Hēra Wellington International Artist Residency, the Cultural Office of the French Embassy in New Zealand has developed a special initiative enabling the participation of French contemporary artists in the residency programme over the next three years.

The 2016 recipients are Etienne de France (in residence from February to April) and the duo Louise Hervé and Chloé Maillet (in residence from May to July).

Whiti o Rehua School of Art curator Associate Professor Heather Galbraith says the programme is designed to bring contemporary international artists to live, work and exhibit in Wellington and to connect with its creative sector and diverse audiences.

Artists are granted a studio to live and work in that is located within the Clyde Quay Wharf development in Wellington.

"We are thrilled to be partnering with the French Embassy to bring leading French artists to Wellington," Ms Galbraith says.

Cultural counsellor at the French Embassy Raynald Belay is also enthusiastic about this new partnership: "Visual arts have been thriving in France over the recent years with a new generation of internationally recognised artists and curators actively seeking new international connections," he says.

"A revamped and vibrant ecosystem with new galleries and museums is emerging, spurred by recent investments from local governments and private foundations alike. Te Whare Hēra will enable better

communications and understanding between the French and New Zealand artistic scenes and we hope it will pave the way for many successful collaborations.”

The Te Whare Hēra French artist-in-residency programme is a joint initiative between the French Embassy, Massey University and the Wellington City Council.

Artist profiles

Etienne de France (born in 1984) is a visual artist currently living in Paris. He graduated with a Bachelor of Arts in Art History and Archeology (2005) and then completed a BA in Visual Arts at the Iceland Art Academy of Reykjavik (2008).

He pursues a multidisciplinary art practice. Drawing on the fields of architecture and sciences, he creates a series of works exploring the differences between concepts of nature and landscape. His practice uses a variety of media such as writing, video, photography, drawing and sculpture. Notable works are *Tales of a Sea Cow* (2012), a film and a series of works about the rediscovery of a marine mammal in Greenland, or *Icelandtraincity* (2011), the project of a utopian modular city moving on train tracks. In 2013, he completed a 200km walk performance and video called *Exploration of a Failure*.

Mr de France will be in residence in Wellington from February to April 2016. He plans to develop a new video as well as series of works related to Wellington and New Zealand. Working in this unique geographical and historical context will enable him to give new directions to a central questioning in his work: the differences between concepts of nature and landscape.

Louise Hervé and Chloé Maillet, both born in 1981, have been working as a duo for more than ten years. They have different backgrounds: Louise studied Art and Art History and graduated with a Bachelor of Arts in 2003 and a Master of Arts. in 2005, while Chloé went on to achieve a PhD in Anthropological History in 2010. They started working together in Paris in 2000. Since then, they have been pursuing research-based projects for two or three years at a time, each chapter of research taking the form of a film or a series of films, an exhibition or a publication.

The artistic practice of Louise Hervé and Chloé Maillet focuses on the act of narration. Their stories bring together historical facts, fiction or new realities and take the form of films, installations and performative conferences – a mixture of lecture, performance and conference.

Ms Hervé and Maillet will be in residence in Wellington from May to July 2016.

Date: 14/10/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Wellington

Cricket and athletics champions top Blues awards



Hannah Rowe and Hamish Kerr – Massey University Blues Sportswoman and Sportsman of the Year

Cricketer Hannah Rowe and track athlete Hamish Kerr were named Sportswoman and Sportsman of the Year at the Blues Sports Awards at Massey University's Manawātū campus on Tuesday night.

Swimming champion Mary Fisher was named Distance Sportswoman of the Year, and alpine ski racer Corey Peters was named Distance Sportsman of the Year at the awards ceremony held at Massey's Sport and Rugby Institute. Neither were able to attend the ceremony.

Ms Rowe, a first year Bachelor of Communications student, says she began playing cricket in the backyard with her brother and father as a youngster, and was the only girl to play for the under-11 representative team in Palmerston North.

She represented Central Districts in the Central Hinds Team, which was placed third in the Women's One Day national competition, with best figures of three for 31 off 10 overs against Auckland. She was also a member of the Central Districts U21 Women's Team. She was named a member of the New Zealand White Ferns Team, which played England in February and toured India in June this year. Ms Rowe will play for the White Ferns against Sri Lanka when they tour New Zealand in December.

Hamish Kerr, who is studying a Bachelor of AgriCommerce, was placed first in both the Senior Men and Junior Men events at the 2015 NZ Track and Field Championships. He scored a personal best of 2.14m in the high jump to win the under-20 and open titles, ranking as the seventh best of all times in New Zealand.

From archery and badminton to equestrian, hockey, rowing, rugby, surf lifesaving and yachting, as well as underwater hockey and ultimate frisbee, 25 sporting codes were represented at the awards this year.

Vice-chancellor Steve Maharey told the audience it was important to note that awards go to students who are not only top performers in their chosen sport but who also achieve academic excellence. Massey is also the "university of choice" for high-performing athletes because of the flexibility it offers students wanting to

pursue both sporting and scholarly achievement, and due to its top training facilities and support services. Massey is the first university to receive the first-ever sports-friendly university award.

'Build the dream and the dream will build you'

Guest speaker Cam Calkoen, a Massey alumnus, former Blues Award recipient and now an international motivational speaker, delighted the audience with his insights and anecdotes on overcoming cerebral palsy to become a high-performance athlete with Paralympics New Zealand

Instigator and facilitator of the Carabiner Mentoring Programme, run on the North Shore since 2009, his work helps young people realise their dreams under the guidance of high-performing mentors.

Mr Calkoen spoke passionately about the power of having a dream to achieve one's goals, urging people to "build a dream and the dream will build you." He described how he achieved his earliest dream of riding a bicycle, despite his physical disability and his parents' fears. Winning an egg-and-spoon race at primary school, with the help of his father's chewed gum holding the egg to the spoon, meant overlooking "what a mess it might have been – egg, spoon, cerebral palsy!" From this, he gained the courage to join an athletics club, where he was determined to learn from top athletes, and not be intimidated by them.

He says too many people don't become all they can be because they feel blocked by short-term obstacles instead of focusing on the long-term results and working out a strategy on how to get there.

Top teams awarded

As well as individual awards, team awards went to the Massey Women's First XI Football Team (Women's Team of the Year) and Massey University Men's Division One Hockey Team (Men's Team of the Year). Stacey Hendriks, from the Massey Alpine Club, won the Outstanding Contribution Award for her role in the upgrade of the club's Mt Ruapehu rooms to more sustainable water and waste systems.

The New Zealand University Blues Awards are the highest sporting accolade given in the New Zealand tertiary system, and are part of a tradition dating back to 1922 in this country, and earlier in England, where the sporting 'Blues' were made famous by rivalry between Oxford and Cambridge Universities.

Massey University's earliest recipient of a New Zealand Blues Award was Mac Cooper in 1934 for rugby. Previous winners include canoeist Lisa Carrington and rower Hamish Bond.

At last year's Commonwealth Games in Glasgow, 70 of the 238-strong New Zealand team were either current or past Massey students. Massey University athletes were awarded 158 Prime Minister's Athlete Scholarships in 2014, from a total of 342, making Massey the largest education provider for elite athletes.

Massey University will have awarded 122 Blues Awards to 118 student-athletes for outstanding sports performance this year. The Albany campus' Blues Awards are tomorrow night (October 15). Tuesday's awards were for students from the Manawatū and Wellington campuses.

The guest speaker was Brian Henderson from BNZ, which has sponsored the Massey Blues Awards.

MASSEY BLUES - Alpine skiing: Corey Peters; **Archery:** Cheree Kinnear, Elizabeth Randle; **Athletics:** Ben Langton Burnell, Lucy van Dalen, Daniel Dyet, Alex Jordan, Hamish Kerr, Deborah Paine, Jordan Peters, Nicholas Southgate, Phillip Wyatt; **Badminton:** Anona Pak; **Basketball:** Tom Abercrombie, Josh Bloxham, Mika Vukona; **BMX:** Matthew Cameron; **Canoe Polo:** Sian Fendall; **Canoe Slalom:** Haylee-Rose Dangen, Ben Gibb, Malcolm Gibson, Callum Gilbert, Luuka Jones; **Canoe Sprint:** Scott Bicknell; **Clay Target Shooting:** Rachael van Bysterveldt; **Crickets:** Hannah Rowe, George Worker; **Cycling:** Lauren Ellis, Kirstie James, Stephanie McKenzie; **Equestrian:** Lauren Alexander, Denise Egging, Bonnie Farrant, Kelsey Hare, Abigail Long, Tayla Mason, Melody Matheson, Natalya Weekes, Catherine West; **Fencing:** Stephanie Wyllie; **Football:** Abby Erceg, Anna Green, Sarah Gregorius, Erin Nayler, Ria Percival, Kirsty Yallop; **Gymnastics:** Cheyenne Welham; **Hockey:** Johanna Avery, Jessica-Rose Bond, Robbie Capizzi, Samantha Charlton, Marcus Child, James Coughlan, Michaela Curtis, Gemma Flynn, Amelia Gibson, Blair Hilton, Stephen Jenness, Rose Keddell, Julia King, Sanjay Lala, Mick Lammers, Pippa Norman, Alex Shaw, Oscar Stewart, Mac Wilcox, Lara Williams; **Kayaking:** Darryl Fitzgerald; **Muay Thai:** Miriam Eeninkwinkel; **Netball:** Olivia Tilyard; **Rowing:** Genevieve Behrent, Alistair Bond, Toby Cunliffe-Steel, Brooke Donoghue, Julia Edward, Kristen Froude, Sarah Gray, Lewis Hollows, James Hunter, Claudia Hyde, Zoe McBride, Lucy Spoons, John Storey; **Rugby:** Tim Cadwallader, Brittany Coates, Nick Grogan, Keri Hayden, James King, Sam Malcolm, Rhys Marshall, Hamish Paterson, Robin Praat; **Rugby Sevens:** Brittany Coates, Keri Hayden; **Squash:** Rebecca Barnett, Sion Wiggin; **Surf Life Saving:** Ben Cochrane, Darryl Fitzgerald, Natalie Peat, Laura Quilter; **Swimming:** Shaun Burnett, Hayley Edmond, Mary Fisher, Blake Gunn, Penelope Hayes, Laura Quilter, Glenn Snyders, Matthew Stanley, Charlotte Webby, Julian Weir; **Tennis:** Matthew Alexander;

Triathlon: Sophie Corbidge, Samuel Ward; **Ultimate Frisbee:** Tamsin Fitzgerald, Keegan Miskimmin; **Underwater Hockey:** Natalie Harris; **Yachting:** Jo Aleh, Erica Dawson, Molly Meech, Sara Winther; **Water Polo:** Anton Sunde; **Wrestling:** Airana Ngarewa.

Date: 14/10/2015

Type: University News

Categories: Home Page article; Academy of Sport; Awards and appointments; Institute of Sport and Rugby; Sport and recreation; Uni News

Albany scholars congratulated



Back row, from left: Rebekah Graham, Manu Lange, Blair Outhwaite, Yukio Fukuzawa, Stepan Lapshev, Adam Jordan; front row: Professor Peter Lineham, Pita King, Liangjue Lin, Kristina Montgomerie, Parisa Kooshesh, Emma Johnston, Saba Sehrish and Julia Ma.

Professor Peter Lineham, chair of the Graduate Students Advisory Committee, presented postgraduate doctoral and masterate scholarship recipients their certificates at the Postgrad Pizza Night at Albany campus last Tuesday.

Presented were the Massey University Masterate Scholarships, Doctoral Scholarships, Alumni Doctoral Completion Bursary, and the Vice-Chancellor's Doctoral Scholarships.

Professor Kambiz Maani spoke on tips for turning undergraduate success into postgraduate success. Many supervisors were also present to support their students.

Date: 14/10/2015

Type: Awards and Appointments

Categories: Auckland

Massey at Taupo Cycle Challenge this Year



The Massey University Alumni Relations team will be at Taupo again this year on Saturday November 28.

Please join us at the Massey Marquee for refreshments and the opportunity to catch up with friends and colleagues.

[Register online now](#) to let us know you are coming to the marquee so we can cater for you and your guests at what promises to be another enjoyable event.

Date: 14/10/2015

Type: University News

Categories: Home Page article; Alumni

Staff elections to Massey University Council

Nominations are now open for the two staff member positions on the Massey's newly reconstituted Council.

The new constitution was approved by the Minister of Tertiary Education, Skills and Employment Steven Joyce in July and comes into force on January 1, 2016.

The two staff members – one academic and one professional – are to be elected onto Council for four-year terms. To be in place on January 1, 2016 the [nomination and election process](#) for these members has commenced and the outcome will be known by the last meeting of the current Council (December 4, 2015).

Chancellor Chris Kelly urges you to consider standing in the appropriate election if you think you have the relevant knowledge, skills or experience to contribute to the governance of the University at this exciting time in the University's growth. Mr Kelly says Council members are encouraged and supported to undertake professional development and training throughout their time on Council.

He would be happy to talk with anyone considering standing in one of these two elections. Please contact him through Council's Executive Secretary [Paddy Nicol](#).

Date: 14/10/2015

Type: Internal Communication

Categories: Any

Wellington staff can win emergency water storage tank



Joint Centre for Disaster Research PhD candidate Alan Kwok and campus Health Safety and Emergency Management adviser Jo Fox will be onsite in the Pyramid at the Wellington campus to answer any queries about emergency preparedness between 11am and 1pm until Thursday.

To coincide with the national earthquake drill Shakeout on Thursday, Massey's Wellington campus is holding a competition for staff to see who has the best-prepared orange emergency pack.

Staff are asked to bring their packs, issued to fixed term and permanent employees when they start at Massey, to the Pyramid on Thursday, when Massey Emergency Management National Coordinator Theresa Parkin will judge which staff member has prepared their pack with the most essential and useful items to have during an emergency.

Recommended basic items include a personal first aid kit, essential medication, non-perishable food, walking shoes, a torch, wet weather clothing and extra water.

The winner will be presented with the water storage tank and accessories to add to their personal home emergency storage kit.

It will be preceded by the earthquake drill at 9.15am on Thursday, aimed at encouraging people to practice the correct action to take during an earthquake, which is to drop, cover and hold. The action is the same no matter where you are, and could save your life.

Health Safety and Emergency Management adviser Jo Fox says more information from civil defence on how you and your household can prepare for an emergency can be found at a display in the Pyramid between 11am and 1pm from today till Thursday.



Watch the Drop, Cover, Hold video.

Date: 14/10/2015

Type: Internal Communication

Categories: Any

Graphic design competition place-getter wins dream job



Visual communication design student and Concept4Korea winner Daniel Voss left, and runner up Tahiji Hunt who is now employed as a concept designer at Weta Workshop.

Being a place-getter in a concept design competition has led directly to visual communication design student Tahiji Hunt getting a full-time job with Weta Workshop.

His fellow student Daniel Voss won the competition which saw him join a Wellington delegation to South Korea after winning the graphic design competition organised by the special effects company.

Weta Workshop director Sir Richard Taylor was part of the delegation that visited the city of Gwangmyeong, near Seoul, which is signing a memorandum of understanding with Wellington City Council toward a collaborative design relationship.

The South Korean city also held a Fantasy Week where Mr Voss' graphic design, which features a futuristic alternate world, was among a host of international artwork showcased throughout the festival.

Sir Richard, no stranger to creating alternate fantasy worlds, selected the prizewinning design from more than 20 submissions for the Concept4Korea competition.

Describing both entries as "well executed," Sir Richard said each met the criteria he was looking for including excellent technical ability, cinematic qualities, originality and great story telling with illustration.

Mr Voss is still completing his degree and Mr Hunt, who has since graduated, says the competition was a fantastic opportunity to get his work better known.

"When I submitted my entry, I just wanted to produce the best, most 'out there' artwork I possibly could, but I got a real surprise when I was runner-up. I liked the fact that the brief was vague - I was interested in sci-fi so

creating an alternative world where everything is fantastical was perfect for me."

Six months later I am here in the Workshop design studio employed as a concept designer, surrounded by amazingly creative people and working on some incredible projects."

Mr Tahiwī did his Bachelor of Design with a focus on illustration, but by the time he was in his third year he knew " I just wanted to get into concept design and so I centred my final design or 'pitch-bible' with that in mind".

Papers within the illustration component of the BDes degree was perfect for where I wanted to go, teaching me digital model-making, story and narration and concept design. I also learnt a lot about presentation skill which really helped," he says.

Mr Voss, who is from Palmerston North, says his image was partly inspired by how we neglect nature on earth.

"For this alternate world that the astronaut lands on I wanted to imagine what a world would be like if nature was much more prominent and menacing. So that's why there were many large vibrant plants, and it's also why the insect creature is there. It's almost like a world where the tables have turned - instead of removing nature it has had to be built around," he says.

"The world of Pandora from Avatar was definitely a big inspiration for this."

School of Design senior lecturer Tanya Marriott says both students' success reflected well on the conceptual design component of the Bachelor of Design degree.

"Their success in this contest organised by Weta Workshop illustrates the close relationship the programme has with industry and how relevant it is as part of the Bachelor of Design."

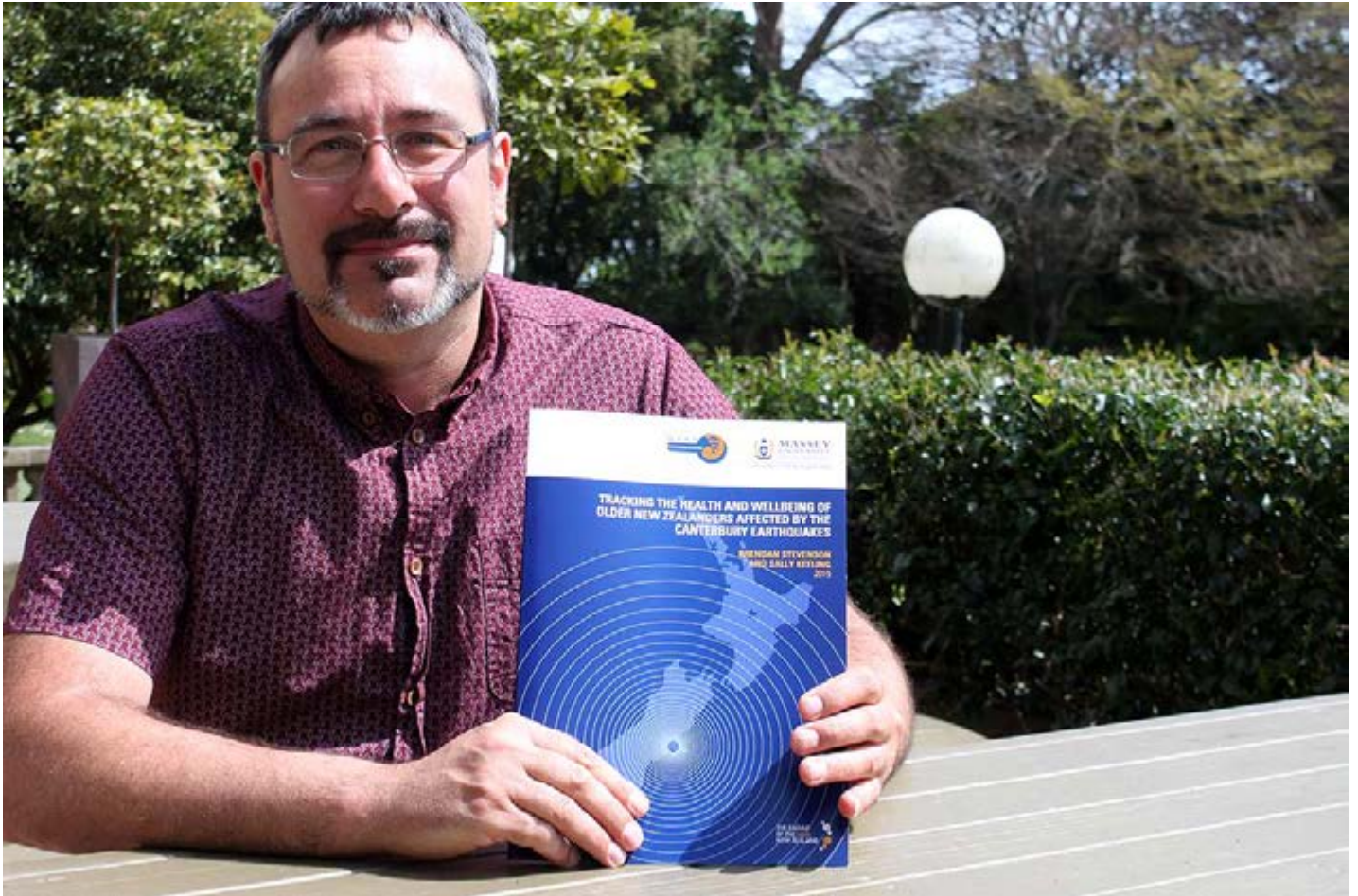
Electives within the illustration component of the degree such as physical and digital model making, story and narration and concept design had all contributed to the quality of both students' final entries, Ms Marriott says.

Date: 15/10/2015

Type: Awards and Appointments

Categories: CoE relocation and heritage redevelopment ; College of Creative Arts; Creative Arts; Research - Design; Wellington

Connecting with older people vital, quake survey shows



School of Psychology public health researcher Brendan Stevenson with the report

Don't wait for a disaster or emergency before you get to know older people in your neighbourhood – that's the message of a Massey University public health researcher who has studied the effects of the Canterbury quakes on older people.

Dr Brendan Stevenson, co-author of a recent survey by Massey School of Psychology's Health and Ageing Research Team, says some participants reported feeling less lonely in the immediate aftermath of the 2011 quakes.

The findings highlight the need for awareness in the wider community of why it is important to reach out and get to know older people, particularly those living alone.

It is good idea to befriend and support elderly neighbours at any time, and the value of having done so is heightened in the event of a disaster when older people feel at their most vulnerable, he says.

"It reinforces those key things that help keep a community strong and safe. If you know you have older-aged neighbours, it's good to take the first step to go and meet them. Older people can be reluctant to initiate contact as they don't want to bother others, or feel they are a burden."

Demographic changes herald need for stronger community connections

The need for communities to connect to elders is underpinned by demographic changes, as the proportion of older people in the total population increases and with more elderly living longer and residing in the community, he says.

The report, by Mr Stevenson and Dr Sally Keeling, from the University of Otago, explored the effect of the 2011 Canterbury earthquakes on older people across New Zealand.

The researchers used eight years of data collected by the New Zealand Health, Work and Retirement Survey from people over 55 years of age living in New Zealand. This biennial survey of health and wellbeing in older New Zealanders began in 2006 and was adapted in 2012 and 2014 to take account of the 2011 earthquakes in the Canterbury region.

Dr Keeling says the longitudinal nature of the study of nearly 2000 people provides a rare opportunity to examine how the earthquakes affected older people as it provides information regarding individuals' health and wellbeing both in the years before and after the event.

“In 2014, a quarter of the national sample of older people reported they were still affected by the Canterbury earthquakes. The range is wide, however, from 81 per cent of those living in Christchurch, 50 per cent of those living in the Canterbury region, and 16 per cent of those living in the North Island,” she says.

The report revealed that older people across New Zealand – not just those living in the quake-affected region – were still experiencing emotional and economic impacts years after the event.

“The fact that one third of the affected national participants continued to provide support to family and friends related to earthquake effects shows that even indirect effects continue over three or four years,” Dr Keeling says.

Mr Stevenson says the focus on the resilience of older people living within New Zealand's communities, rather than the care of the very old and frail – as noted in other disaster studies reviewed earlier – is an important contribution of the study.

The report, which was funded under the 2014 EQC (Earthquake Commission) Biennial Grants programme, is available on the EQC and Health and Ageing Team websites. The Health, Work and Retirement Survey has been supported by the Ministry of Business, Innovation, and Employment to run again in 2016, with a focus on housing and the effects of early life adversity in older people. In 2016 the Health and Ageing Research Team will commemorate a decade of research following the Health Work and Retirement project.

For media interviews contact Brendan Stevenson: 027 827 4323, or Dr Sally Keeling: (03) 3377932.

To find out more about the Health, Work and Retirement Study, visit the [Health and Ageing Research Team website](#):

Date: 15/10/2015

Type: Research

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Explore - HEALTH; Joint Centre for Disaster Research; Research; School of Psychology; Uni News

2015 Blues Sports Awards winners announced



BNZ Albany Campus Sportswoman of the Year, Cheree Kinnear (archery) and BNZ Albany Campus Sportsman of the Year, Nicholas Southgate (Athletics)

More than 100 people attended a glamorous gala dinner in Auckland last night to honour top athletes studying at Massey University.

The annual Blues Sports Awards, now in their 25th year, included a star-studded line up of some of New Zealand's top sportsmen and women.

Mary Fisher, who is studying psychology, was awarded the Distance Sportswoman of the Year. The blind swimming champion says it is really special to have para-sport recognised in this way. "It's a really high calibre of athletes from across all sports, and it's been great being able to work with Massey over the past four years to be able to chip away at a degree while competing in swimming on the international stage."

Paralympic alpine skier and psychology student Corey Peters was awarded the Distance Sportsman of the Year, but was unable to attend the evening due to sporting commitments.



Massey University Distance Sportswoman of the Year, Mary Fisher (Swimming)

Bachelor of Construction student and pole vaulter Nicholas Southgate, who has been studying at Massey part-time for the past three years, was awarded the BNZ Albany Campus Sportsman of the Year. He says it came as a big surprise. "It's cool to look back and see the huge names in sport who have won this award in the past."

He says while studying part-time drags things out a bit, "Massey is pretty flexible, and the support team are awesome. I should be finished in two years".

First-year Bachelor of Communications student Cheree Kinnear was shocked by her win, taking home the trophy for the BNZ Albany Campus Sportswoman of the Year. "I am in awe of the other nominees. It's such an honour to be in the company of so many amazing athletes. It really means a lot."

She took up archery when she was 13, after being inspired on a Brownies camping trip. Later she visited the archery range at Olympic Park in Sydney. "That's when I decided, I'm going to do this."



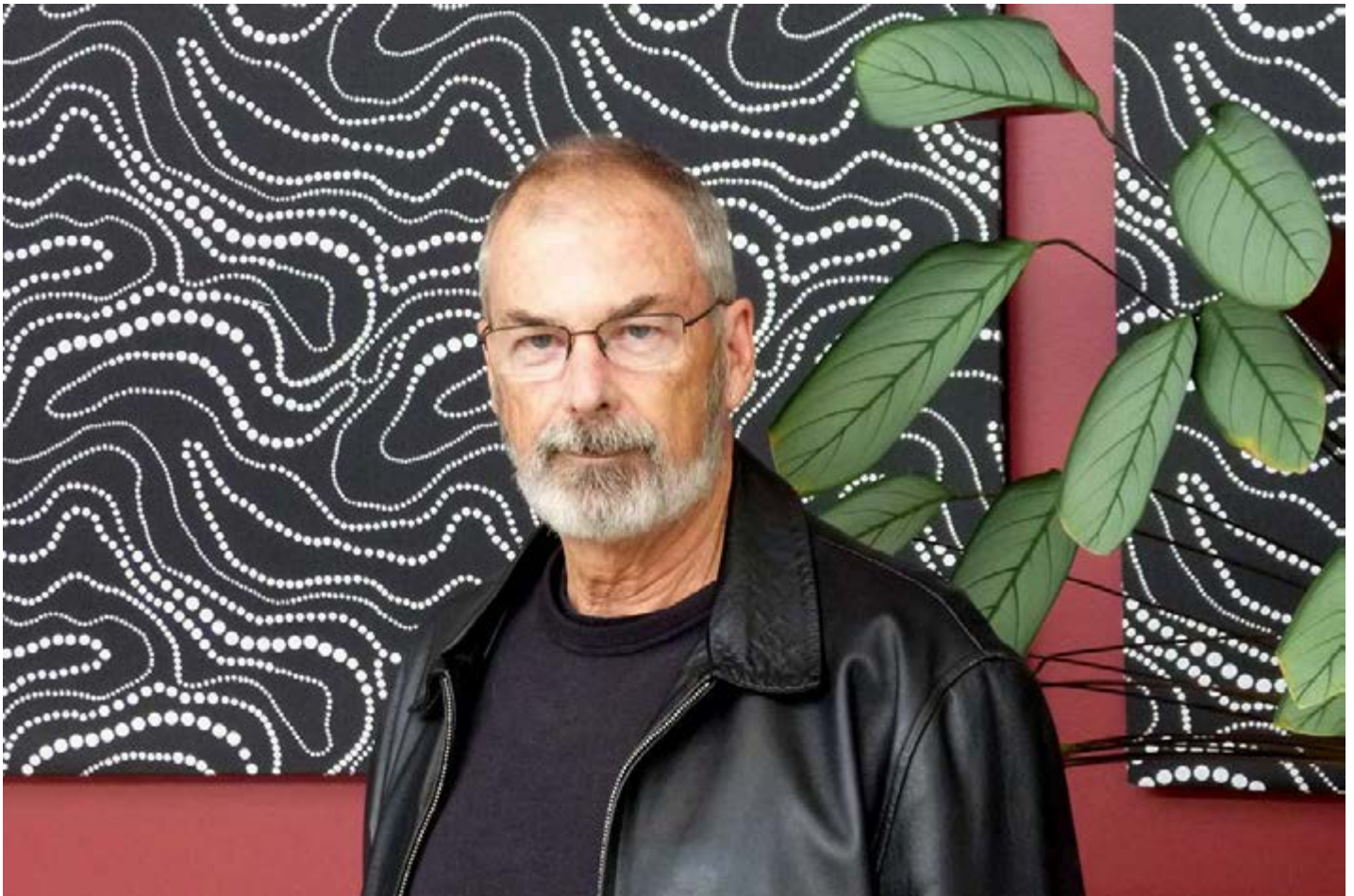
2015 Massey Blues Sports Awards recipients with MC Hamish McKay

Date: 16/10/2015

Type: Awards and Appointments

Categories: Home Page article; Academy of Sport; Auckland; Awards and appointments; College of Health; School of Sport, Exercise and Nutrition; Sport and recreation; Uni News

Where to for humanities in a corporate world?



Emeritus Professor Graeme Turner

Australian scholar and international authority on cultural and media studies, Emeritus Professor Graeme Turner, will discuss the role of humanities and social sciences in a changing tertiary culture in public talks at Massey University's Wellington and Manawatū campuses.

Professor Turner's talk, *The Place of the Humanities in the Corporate University*, will address questions such as 'Do the arts and the humanities still have a place in the contemporary university system?' and 'do they still matter?'

He says that as universities globally become more corporate and commercial, and as the university increasingly defines itself as a location for training, on the one hand, and scientific research, on the other, that "the connection between the university and a liberal education is starting to attenuate."

The pressure of such an evolution is being felt in the humanities and creative arts sector, he says.

In his talk, Professor Turner will draw on his co-authorship of a major study of the condition of the humanities, arts and social sciences in Australia, *Mapping HASS* (2014). In the study, he addresses the issue of the place and value of these disciplines in a context where the STEM disciplines (science, technology, engineering and mathematics) are "sucking up most of the oxygen in the system, as well as most of the institutional investment."

A summary of his report says: "The aim of higher education research, in all fields, is to understand our world and our place in it. The aim of higher education teaching, in all fields, is to pass on those modes of understanding and what they tell us. Sometimes such understanding is an end in itself – it generates knowledge, which is a public good.

"Sometimes it is used to change something, from the structure of a cell to the social habits of a culture. The contribution of the humanities, arts and social sciences (HASS) to that enterprise – of generating and

disseminating knowledge, as well as understanding change – is as important as the contribution of the physical and natural sciences.”

Challenges for arts degrees prompt revitalised BA at Massey

The topic aligns with discussions, changes and activity in Massey's College of Humanities and Social Sciences, focussed on highlighting the value of arts degrees and research in these disciplines.

A re-vitalised Bachelor of Arts degree, with new core papers on national, global and active citizenship, aims to address and overturn negative perceptions and myths around the value of studying humanities and social sciences, says Dr Elspeth Tilley, an Associate Professor in Expressive Arts at the Wellington campus, who is coordinating Professor Turner's visit.

Re-invention of the media – where to from here?

Professor Turner's visit, sponsored by Massey's W.H Oliver Humanities Research Academy, and organised by Massey's School of English and Media Studies, will also include a public panel discussion in Auckland next Friday, on the future of the news media in a digital age.

At that event Professor Turner will draw on his recently published book, *The Re-Invention of the Media* (2015), in a discussion of the implications – both now and for the future – of the wide-ranging changes in the structure, content, function and operation of the media over the last couple of decades.

Issues canvassed will include the media's thoroughgoing commercialisation, the fragmentation of media markets, the rise of entertainment and the declining commitment to news and information, the place of social media and the myth of democratisation, and the impact of celebrity culture on society as well as on the practices and content of the media.

The event is co-hosted with Radio New Zealand with Jim Mora as facilitator and host. Panellists will include Massey's Professor of Societal Psychology Darrin Hodgetts, who has been researching media marginalisation and its effects, including on Māori. He will be joined by well-known media personalities (to be confirmed).

Event information:

Public lecture: The Place of the Humanities in the Corporate University

Monday October 19, 5.30 – 6.30pm: The Pit, Te Ara Hihiko, Massey's Wellington Campus.

Wednesday October 21, 2.30 – 3.30pm: Ira Cunningham Lecture Theatre, Massey's Manawatū Campus.

Panel discussion: The Future of the Media

Friday October 23, 6.30 – 7.45 pm: Auckland Art Gallery, Cnr Kitchener and Wellesley streets.

Biography

Emeritus Professor Graeme Turner is the founding Director of the Centre for Critical and Cultural Studies (2000-2012), and one of the leading figures in cultural and media studies in Australia and internationally. His research has covered a wide range of forms and media – literature, film, television, radio, new media, journalism, communication, and popular culture. He has published 23 books with national and international academic presses; the most recent are (with Anna Cristina Pertierra) *Locating Television: Zones of Consumption* (Routledge, 2013), *What's Become of Cultural Studies?* (Sage, 2012) and *Ordinary People and the Media: The Demotic Turn* (Sage, 2010).

Professor Turner is deeply engaged with research and higher education policy. Formerly Professor of Cultural Studies in the English Department at the University of Queensland, he is a past president of the Australian Academy of the Humanities (2004-2007), an Australian Research Council Federation Fellow (2006-2011), and Convenor of the ARC-funded Cultural Research Network (2006-2010). From 2001 until 2004 he was a member of the Expert Advisory Panel for Creative Arts and Humanities of the Australian Research Council and he is only the second humanities scholar to serve on the Australian Prime Minister's Science, Engineering and Innovation Council.

For more information contact Dr Elspeth Tilley: e.tilley@massey.ac.nz, or M: 0211 704846.

Date: 16/10/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Conference/Seminar; School of Humanities

Understanding behaviour – can authorities sniff out crime?



Dr Alex Stedmon, Reader in Human Factors, Faculty of Engineering and Computing, University of Coventry, United Kingdom

Could we stop potential terrorism attacks based on pheromone release? A leading human behaviour researcher is visiting Massey University to discuss this and other intriguing topics.

Associate Professor Alex Stedmon, from the University of Coventry, is an international leader in ergonomics/human factors, specialising in understanding human behaviour. He has been invited to Massey, New Zealand's leading university in Ergonomics and Human Factors, to provide advice on how to integrate its existing ergonomics programmes across academic and research programmes.

“Human factors is one of the most exciting areas to work in,” says Dr Stedmon. “I can't think of another discipline that provides such opportunities to work across so many areas and crosses so many boundaries.

“One day I might be looking at motorcycle riders and trying to understand their behavior, the next I might be helping to understand user-centred design issues surrounding a mobile phone, or talking to many different stakeholders who are looking to improve emergency-response activities at a major event.”

Dr Stedmon was part of a team from three universities who conducted pioneering research into the possible existence of a human pheromone associated with deception. In a highly innovative set of trials, the team was able to identify a chemical compound that was only present in those who were acting in a deceptive manner.

“This was a highly ambitious project. We wanted to see if humans emit any kind of chemical signature associated with deception. We ran a series of trials in a shopping mall in the UK and also in the labs at our university, which showed for the first time ever that people do emit some kind of chemical signal when they are behaving in a deceptive manner. This could present a breakthrough for border control techniques

associated with false entry, smuggling or even acts of terrorism. It is also relevant to anyone in an interview who might be trying to provide false information.”

While in New Zealand, Dr Stedmon will be meeting with Mackie Research Ltd and the New Zealand Transport Agency to learn about recent research into motorcycle accidents on the Coromandel Peninsular, and plan future collaborations looking at the unique use of “perceptual counter-measures” to help support safer riding.

“I’m a biker myself and am aware of the dangers of riding around Auckland as well as the attractions of the Coromandel. There’s some world-leading research being done right now in New Zealand that’s relevant to motorcycle riding around the world. It’s a great opportunity to meet up with key stakeholders as I’ve been awarded funding from my own university in the United Kingdom to collaborate in this fascinating area of rider safety.”

Dr Stedmon is also a world leader in security research, ranging from understanding the demands that front-line security operators face on a daily basis, to wider organisational issues in designing security systems from a user perspective.

“Security ranges from the person watching a CCTV screen in a shopping mall, to safeguarding an All Blacks match to ensure fans are safe, and emergency services can get to priority areas if needed. New Zealand also faces its own challenges in relation to natural disasters and the research I have been involved with can help us understand how security works as a system of people using different technologies to serve a common goal: personal freedom and safety.”

Brought to New Zealand by Massey’s Professor Stephen Legg, Director of the Centre for Ergonomics, Occupational Safety and Health in the College of Health, Dr Stedmon will present a free public seminar at each of Massey’s campuses in Auckland, Manawatū and Wellington.

His grandfather served in the Royal New Zealand Air Force during WWII, but tragically died in the Berlin Airlift. His seminar will introduce the discipline of human factors through the eyes of a 26-year-old RNZAF radio officer during the war. He will then take the audience through his varied background of applying the science of human behaviour to aspects of inclusive design.

Seminar Details:

Massey University Auckland

QB3

Monday October 19

11am – 12pm

Massey University Manawatū

GLB2.03

Thursday October 22

11am – 12pm

Massey University Wellington

ESS

Tuesday October 27

11am – 12pm

Date: 16/10/2015

Type: Features

Categories: Home Page article; Auckland; College of Health; National; Palmerston North; School of Health Sciences; Uni News; Wellington

Opinion: ISIS barbarity knows no bounds - lessons from the past



A UNESCO world heritage site, Palmyra was a tolerant centre for different faiths and ethnicities in Greco-Roman times

Leaders of the anti-ISIS coalition regularly describe the regime's activities in the Middle East as "barbaric".

Given the record of beheadings, torture, mass rape and other atrocities, few New Zealanders would dispute this description. However, the destruction of history is another crime against humanity. The latest casualty, the 1,800-year-old Arch of Triumph at Syria's ancient site of Palmyra, prompts deeper consideration of the fundamental divide between ISIS and civilized humankind. What exactly makes ISIS "barbarians".

This is where the classical societies of Greece and Rome, which lie at the root of Western civilization, have much to teach us. Put simply, the annals of classical antiquity show ISIS to be firmly, fatally, and irredeemably on the wrong side of history.

The most abhorrent feature of ISIS is its violation of rules for the ethical treatment of civilians and enemy soldiers. The ancient world began with an approach to warfare fairly indistinguishable from that of ISIS. In Homer's epic *Iliad* on the Trojan War (eighth century BC), the slaughter of prisoners of war and the rape and enslavement of non-combatants were routine military practices. ISIS, however, is 3,000 years behind the times: ancient attitudes toward the morality of warfare evolved far beyond the brutal, might-is-right ethos prevalent on the Homeric battlefield.

Lessons from the Ancient World

In the fifth century BC, the Athenian playwright Euripides gave a scathing indictment of the human cost of war, as borne, above all, by women and children, in his tragedy *Trojan Women*. But it was the Romans who

really took the leap toward a more humane ideal of warfare and government, an ideal that, transmitted via medieval Christendom, forms the basis for the modern United Nations. The Romans also established the most stable, successful political community in the ancient world.

The goal of warfare for the Romans was not naked conquest or extermination, but rather peacemaking, peacekeeping, and enforcement of the rule of law. They regularly offered mercy, even citizenship, to defeated foes. The result was a *Pax Romana* ("Roman peace") enjoyed throughout the Mediterranean and western Europe for half a millennium: a time of unprecedented prosperity and relative freedom from violence.

At the end of antiquity, in the sixth century AD, Roman authorities waged a war on terror in North Africa to defend the lives and property of the settled, civilian inhabitants against marauding nomads. In this campaign, the Roman commander John Troglita showed admirable concern in negotiating for the safety of non-combatant captives held as human shields in the enemy camp. This is a striking contrast to the actions of ISIS, but reflects the humanitarian rules of engagement endorsed and (mostly) followed by anti-ISIS forces.

Human spirit under attack

ISIS has also targeted the human spirit through the annihilation of our cultural inheritance, such as the looting of Syrian heritage sites. After ISIS beheaded a leading, 82-year-old Syrian archaeologist, it devastated Palmyra, destroying first the 2,000-year-old temple of Bel and then the Arch of Triumph. A UNESCO world heritage site, Palmyra was a tolerant centre for different faiths and ethnicities in Greco-Roman times.

Here again, the remarkable success story of the Roman Empire provides contrast. "Captive Greece captured [Rome]", wrote the Latin poet Horace. This refers to Greece's cultural influence over its Roman overlords. In virtually every domain of life - literature, art, architecture, religion, philosophy, law, statecraft - the Romans built upon the extraordinary legacy of Greek civilization rather than seeking to eradicate it. Ancient Judaism and Christianity also incorporated the best of pagan philosophy into their own evolving belief-systems, and medieval Islam too was instrumental in the preservation, study, and propagation of Greek philosophical and scientific texts long forgotten by the Latin West.

This process of creative integration of the past is most beautifully illustrated by the fate of the Parthenon in Athens, built as a temple to the virgin goddess Athena during the golden age of Athenian democracy. Preserved and admired throughout the centuries of Roman rule, converted into an Orthodox church dedicated (appropriately) to the Virgin Mary during the Byzantine period, reconverted into a Roman Catholic church by the Crusaders, adapted for use as a mosque by the Muslim Turks, the Parthenon was finally recovered by the Greeks and reclaimed as a symbol of liberal democracy.

The lessons from antiquity are clear. For a society to endure, it must be based on respect for peace, law, and human life and on the careful preservation and creative adaptation of the cultural heritage left by past civilizations. Ultimately, barbarism is a self-defeating path.

Dr Jonathan Tracy is a lecturer, and Dr Gina Salapata is a senior lecturer, in Classical Studies at Massey University.

Date: 16/10/2015

Type: Features

Categories: College of Humanities & Social Sciences; Feature; Opinion Piece; School of Humanities

Prize-winning journalism students honoured



Senior journalism lecturer Dr Cathy Strong, rural journalism prize winner Lyall Russell and prize sponsor veteran journalist Peter Burke

Awards old and new were presented to members of Massey's **Postgraduate Diploma in Journalism** class who gathered earlier this month to celebrate the end of their study year, and honour classmates who made a particular impression for their work in class, online and reporting for community and daily newspapers.

Industry professionals, including Dominion Post editor Bernadette Courtney and editor of The Wellingtonian community newspaper Joseph Romanos, were on hand to present awards too.



Sports journalism prize winner Steven Trask (second from left), with members of the O'Brien family Matthew (far left), Phil and Damien.

Amber-Leigh Woolf won the premier journalism award the Alex Veysey Memorial Prize, named in honour of the late but legendary Wellington journalist and awarded to a student who epitomises Mr Veysey's hard-working professionalism, love of life and journalistic values. The Dominion Post sponsors the \$500 award.

Each student has a vote to decide who should receive the award and true to its ethos, Amber-Leigh accepted her prize at her new workplace of the Southland Times where she watched the ceremony via Skype.

Steven Trask was presented with the Brian F O'Brien Memorial Prize in Sports Journalism worth \$1000. The award is funded by Dennis O'Brien as a tribute to his late father, who produced, edited and published Sports Digest. Portfolios of students' work comprising of their two best sports stories were judged by Mr Romanos, a noted sports journalist in his own right, who remembers Mr O'Brien as being extremely supportive and encouraging to young journalists.

A new addition to the prize-giving was the presentation by veteran rural journalist Peter Burke, of a \$100 agricultural journalism prize he sponsored. It was awarded to Lyall Russell, and recognised the best rural portfolio of stories submitted.

Head of journalism, Associate Professor Dr Grant Hannis, says the awards are also recognition of the close links between the journalism industry and Massey's School of Journalism, which celebrates its 50th anniversary next year.

Meanwhile, for the third year running, Massey postgraduate journalism students have taken out top honours in the national award for student investigative journalism.

The Bruce Jesson Emerging Journalism prize recognises outstanding investigative journalism produced by students.

Dr Hannis says the standard was so high this year the judges took the unprecedented step of upping the total prize money and awarding it to three students, all of whom wrote and published their articles while studying journalism at Massey.

Mava Moayyed, Norman Zafra and Elizabeth Beattie will each receive \$500 for their achievement.

Both Ms Moayyed and Mr Zafra were [Master of Journalism](#) students and their investigative pieces were part of their final journalism project for the degree.

Ms Moayyed's story was on the Roast Busters scandal and the role played by social media in the fallout, while Mr Zafra's story was on the difficulties the Philippines has encountered recovering from Typhoon Haiyan. Originally from the Philippines, Mr Zafra has returned to that country, where he intends to work as a journalist and journalism lecturer.

Ms Beattie, who was a student on Massey's Postgraduate Diploma in Journalism programme, was awarded for her article on mental health issues in New Zealand, focussing on her grandmother's experiences as a mental health patient. She intends studying for the Master of Journalism next year.

Massey students have won the Bruce Jesson Emerging Journalism prize five times since its inception in 2009, including in the last three years straight. It is named in honour of the late Mr Jesson who was a renowned New Zealand investigative journalist and political columnist.

Date: 16/10/2015

Type: Awards and Appointments

Categories: College of Business; Wellington

Massey students put top basketballers to the test



Around 50 young women took part in trials for the Basketball New Zealand U19 Women's team.

The country's best female basketball players at the Under 19 level battled it out at trials at Massey University's Recreation Centre in Albany on Friday night. Around 50 young women took part, in the hope of securing a spot in the New Zealand U19 Women's Team.

The evening involved a range of tactical exercises, motivational talks and fitness testing. Massey University Exercise and Sports Science students Luke Stanaway, Lauren Nicholas, Damon Penver and Daniel Gordon were in charge of the fitness testing, which included the Yo-Yo Level 1 Intermittent recovery test, 5m, 10m and 20m sprint testing, vertical jump height and a basketball specific agility test.

Kate McMaster, from Massey's School of Sport and Exercise says, "Many of the current players in the Tall Ferns have followed this process, coming up through the U19 team and going on to represent their country at the highest level. It was made clear to the girls this could be the path they may go on to follow, and be hugely successful. New Zealand is very well respected on the world basketball stage.

"The students thoroughly enjoyed the opportunity to help out with the trials, and did an outstanding job testing a large number of participants, under strict time constraints. It really highlighted the skills and professionalism they have developed under the Bachelor of Science – Exercise and Sport Science program."

Student Lauren Nicholas was thrilled to take part. "I really enjoyed being able to apply what we had learnt over the last three years doing the degree. Being able to work with Basketball New Zealand was a real eye opener to how fitness testing really operates."



The trials were held at the Recreation Centre at the Albany campus on Friday night.

Basketball New Zealand U19 head coach Brent Matehaere was impressed by the quality of the testing and the Massey students involved. "It was the best standard yet, and gave the girls a real sense of elite camp, and what we want to provide for them."

Ms McMaster says Tall Ferns coach Kennedy Kereama, who attended the session, was really impressed with how the students worked and would be interested in the possibility of getting Massey University involved in fitness testing with the Tall Ferns if the opportunity arises.

Mr Matehaere passed her contact details on to the Head Strength and Conditioning coach of the Australian-based Basketball WA National Performance Program, who is also involved with the Tall Ferns.

Ms McMaster says, "Some really positive leads were developed and I will work hard to progress these into what can hopefully be an ongoing relationship with Basketball New Zealand."

Date: 19/10/2015

Type: Features

Categories: Home Page article; Academy of Sport; College of Health; Explore - HEALTH; Institute of Sport and Rugby; School of Sport, Exercise and Nutrition

New training model at Massey for nurse practitioners



Professor Jenny Carryer, School of Nursing

Massey University's School of Nursing is a key player in the Government's newly announced 12-month trial of a training model for nurse practitioners, designed to speed up the time between students completing their studies and starting employment.

Nursing schools from Massey University and the University of Auckland are partnering to deliver the programme for 20 nurse practitioners, from next year.

Professor Jenny Carryer, from the School of Nursing says, "Massey University has been preparing nurse practitioners for many years now, usually as part time students, through the very successful Master of Nursing programme. This new funding will enable a cohort of candidates to spend a full time year completing the degree

"This new group of candidates will have a much closer connection between their academic preparation and their clinical experience during the programme."

Professor Carryer says the initiative is hugely important. "Students will have an employer guaranteed position as a nurse practitioner once they have been authorised by the Nursing Council of New Zealand when they finish their studies.

"Nurse practitioners are an increasingly critical component of sustainable health service delivery, especially in primary health care, aged care and mental health sectors."

Registered nurses who are interested in applying for this training can contact Jacque Grace at Massey University's Wellington campus – j.l.grace@massey.ac.nz

Date: 19/10/2015

Type: Features

Categories: Home Page article; College of Health; Explore - HEALTH; Funding

Evening honours agriculture's best students



Agriculture student of the year winner Leander Archer with the Head of Institute of Agriculture and Environment Professor Peter Kemp.

Third-year Bachelor of AgriScience student Leander Archer has been crowned Massey University Agriculture Student of the Year.

The award was presented at the annual agriculture awards dinner on the Manawatū campus on Friday, celebrating the top achievers in agrifood business and science degrees.

Chairman of the Applied Sciences Scholarships Committee Dr Kerry Harrington says Ms Archer has helped increase the reputation of Massey University's horticulture programme and of its students in general.

“She has been actively involved with the Massey University Horticulture Society, has been an enthusiastic helper at Massey Open Days, discussing the virtues of the horticultural programme with prospective students, and also a friendly face to welcome students at the start of the year as a Massey Guide” Dr Harrington says.

Ms Archer also won second prize for having the best third-year grade point average of all students studying a Bachelor of Agricultural Science.

Ms Archer, who grew up in Tawa, near Wellington, is majoring in horticulture. Her love of plant science and the growing need for more people trained in horticulture in New Zealand saw her move to Palmerston North for her degree. In June this year she was awarded a \$2500 scholarship from the plant and animal science advocacy group Agcarm.



Guest speaker and Massey University alumnus Richard Morrison.

Farming advice from Massey alumnus

Massey agriculture graduate Richard Morrison spoke at the event. Mr Morrison is part of a family owned, integrated sheep and cattle business as well as being the chair of the Manawatu Rangitikei Branch of Federated Farmers.

He gave the students advice from what he had learned in the past 15 years since graduating. This included knowing your industry, knowing your consumers, saying yes to opportunities as they present themselves and entering competitions to see where you sit and what you can learn.

Other winners:

Young Farmers Club Sally Hobson Award

Chris Poole

Agriculture, Horticulture and Equine Practicum I Award

Lily Anderson

Agriculture, Horticulture and Equine Practicum II Award

Jeff Nicholas

Massey Equine Student of the Year

Rebecca Stone

Massey University Award for Excellence in Horticulture

Luke Posthuma

NZ Institute of Agriculture and Horticulture Science Leading Student

Rachel Gardner

William Gerrish Memorial Award

Fraser Dymond

First Year Massey Agriculture Academic Prizes

1st place equal: Kieran McCahon (Bachelor of AgriScience, Agriculture), Sam Pike (Bachelor of AgriScience, Agriculture), James Robertson (Bachelor of AgriCommerce, International Agribusiness)

Second Year Students

1st place: Matt Francis (Bachelor of AgriScience, Horticulture)

2nd place: Danielle Scott (Bachelor of AgriScience, Agriculture)

3rd place equal: Caitlyn Poole (Bachelor of AgriScience, Agriculture)

3rd place equal: Jack van Bussel (Bachelor of AgriCommerce, Farm Management)

Third Year Students

1st place: Luke Posthuma (Bachelor of AgriScience, Horticulture)

2nd place: Leander Archer (Bachelor of AgriScience, Horticulture)

3rd place: Jeff Nicholas (Bachelor of AgriScience, Agriculture)

Date: 19/10/2015

Type: Awards and Appointments

Categories: Home Page article; Applied Learning; Awards and appointments; College of Sciences; Environmental issues; Explore - Agriculture/Horticulture; Horticulture; Palmerston North; Scholarships

Massey marine biologists head to Kermadecs



Dr Libby Liggins is one of two Massey University researchers heading to the Kermadec Islands

Two Massey University marine biologists are joining the expedition to the Kermadec Islands to discover how climatic changes are affecting the distribution of coral and fish populations.

Lecturers in marine ecology Dr David Aguirre and Dr Libby Liggins, from the Institute of Natural and Mathematical Sciences, have joined 11 other researchers and underwater photographers as they headed to the Islands yesterday on the expedition led by Auckland Museum.

Dr Aguirre will survey the coral communities of the Kermadec archipelago to see if there has been any expansion in their range over the last 20 years. The archipelago's location mean they are at southern-most margins of where tropical reef-building corals occur.

He says that given the recent announcement of Kermadec Ocean sanctuary, this trip offers a “fantastic opportunity” to collaborate with other researchers and to be at the leading edge of finding out where new coral communities become established.

Dr Liggins will collect DNA samples from fish and marine invertebrates. The DNA will be used to reveal how animals in the Kermadecs are related to animals in New Zealand and other Pacific regions.

“Collecting these data helps us understand where the biodiversity of the Kermadecs originates from, how often animals disperse to/from the Kermadecs, and how populations of fish and marine invertebrates of the Kermadecs might respond to climate changes in future,” she says.

“We have learnt a lot about the biodiversity of the Kermadecs in recent years, but there are certainly several questions that remain unanswered. The marine community comprises a mixture of tropical, subtropical, and temperate species – how did these species come together and how do they co-exist?”

Their progress can be tracked on the dedicated Kermadec Expedition [blog](#).



Dr David Aguirre

Date: 19/10/2015

Type: Research

Categories: Home Page article; Enviromental issues; International

Reducing cancer inequalities in Māori a priority



Dr Lis Ellison-Loschmann, senior research officer, Massey University Centre for Public Health Research.

Underlying factors that drive cancer inequalities in Māori, such as poverty, must be addressed immediately, according to Dr Lis Ellison-Loschmann, from Massey University's Centre for Public Health Research.

An international study published in *The Lancet Oncology* highlights the gap in cancer incidence between Māori and other New Zealanders is much higher than for other indigenous populations in western nations.

Led by the International Agency for Research on Cancer, the study investigated the scale and nature of cancer among indigenous peoples in the United States, Canada, Australia and New Zealand.

Dr Ellison-Loschmann is the only New Zealand author on the paper, which shows high rates of a number of cancers in Māori, from data taken between 2002 and 2006. She says those rates are even higher now.

“The disparity is particularly serious for Māori women, where breast, lung and colorectal cancer rates continue to rise. We need to learn from what has and hasn't worked in terms of cancer prevention and screening for Māori, particularly as we look to the possible introduction of a bowel screening programme.

“Overall cervical screening and tobacco control strategies have been less successful for Māori than non-Māori. However breast screening targets are now beginning to be met for Māori which shows that achieving equity in the prevention stage is absolutely possible.”

She says the study highlights the need for reducing inequalities to remain a government priority. “A strategic focus on Māori cancer priorities is needed immediately, including addressing underlying factors that drive cancer inequalities, such as poverty. Higher risks of chronic infections from household crowding in childhood largely increase the risk of development of stomach and liver cancers in adulthood.”

Dr Ellison-Loschmann says a noted and justified criticism of the study was the way ethnicity status was identified in the other countries making cross-country comparisons difficult. "We are confident in the quality of the New Zealand data. Māori and non- Māori researchers and policy people have put a lot of work into the measurement and collection of ethnicity data, and I think we are in a position to teach the US, Australia and Canada about how this is done. We also need to support indigenous peoples in these other countries to ensure a high standard of monitoring is achieved for them."

Key findings:

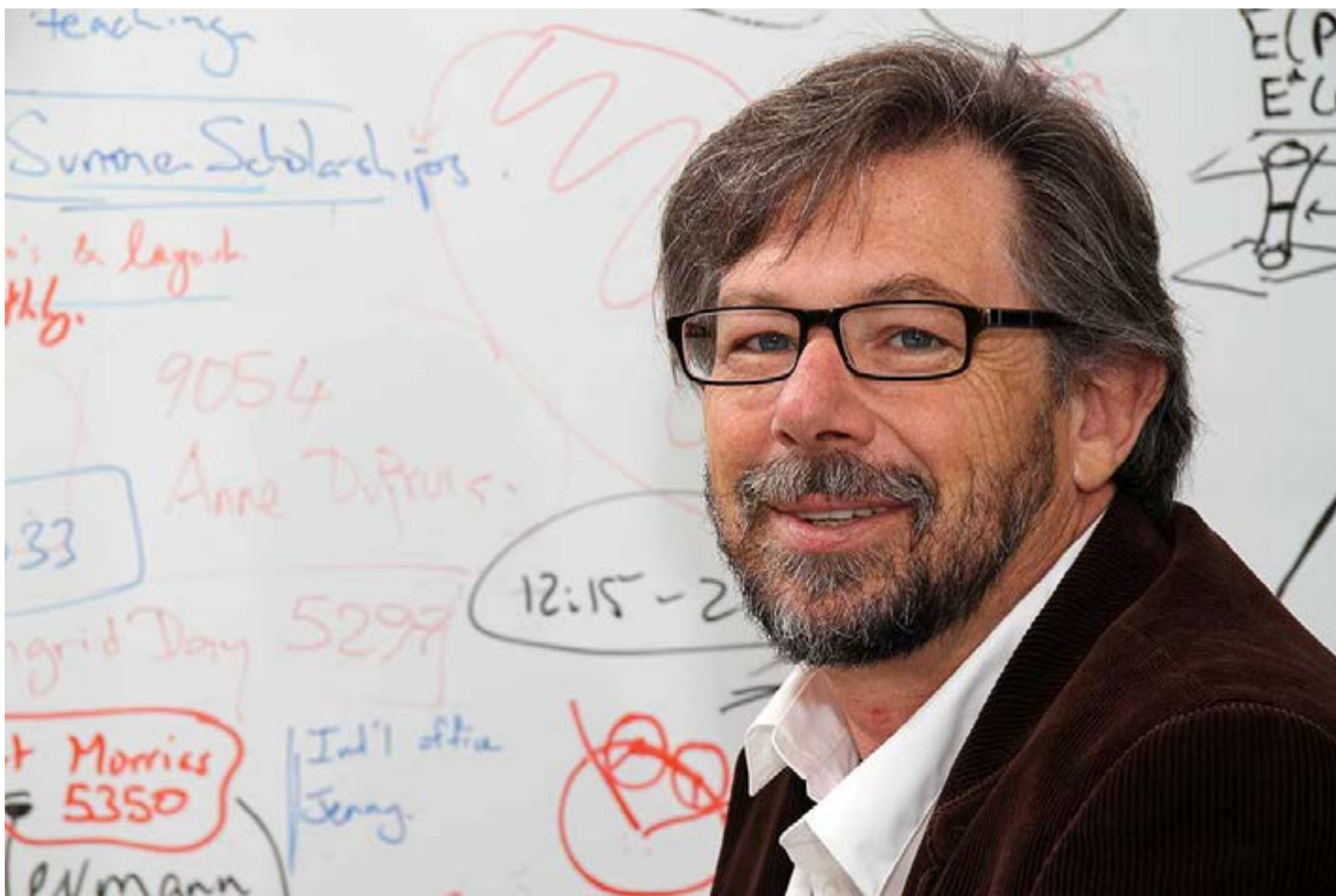
- Lung cancer rates were four times higher among Māori woman and 2.5 times higher among Māori men
- Stomach and liver cancer rates were more than double among Māori
- Smoking was the biggest determinant of lung cancer
- Smoking rates among Māori women were the highest in the study
- Overall Māori die eight years earlier than non- Māori
- Childhood poverty increased the likelihood of cancer in adult Māori

Date: 20/10/2015

Type: Features

Categories: Home Page article; College of Health; Explore - HEALTH; Feature; Maori; Research; School of Health Sciences

Massey maths leader to tour US



Distinguished Professor Gaven Martin is the 2016 Maclaurin lecturer.

Mathematician Distinguished Professor Gaven Martin, who heads Massey University's Institute of Advanced Study, has been appointed as the Maclaurin lecturer for next year.

The lectureship is a reciprocal exchange between the New Zealand Mathematical Society and American Mathematical Society. New Zealand and a United States-based mathematician tour each other's countries on alternate years, with the lecturers to be chosen by both societies.

Professor Martin's research interests include non-linear analysis, elliptic partial differential equations and geometric function theory, particularly as it interacts with conformal geometry, quasi-conformal mappings and their generalisations. He also works in low dimensional topology and geometry and "a bit of geometric group theory."

He says he will enjoy the opportunity to discuss his work with a wider audience – including the solution to Siegel's Problem, a longstanding mathematical problem in geometry posted in 1945.

"The Maclaurin lectureship is an excellent chance to showcase some of my recent research, including some novel work in nonlinear elasticity," he says.

"Also, to be in the company of some of the most distinguished mathematicians of our time – such as Terrence Tao and Ingrid Debauchies, who were recent Maclaurin lecturers – is fantastic. The Maclaurin lectures are in part intended to showcase the depth and quality of mathematics in New Zealand, so it's an honour to be chosen."

The tour schedule will be announced shortly on the American Mathematical Society [website](#).

The lectureship is named after Richard Cockburn Maclaurin (1870 to 1920), who studied at Auckland University College (now the University of Auckland) and Cambridge University, and won the Smith Prize in

Mathematics and Yorke Prize in Law. In 1908 he became President of the Massachusetts Institute of Technology (MIT) and helped transform that institution into a world-class, research-based technological university.

Date: 20/10/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Sciences; Institute of Natural and Mathematical Sciences

Theatre to provoke new thinking on climate change



Hamish Boyle and Sara McBride, rehearsing for the world premiere of Mōrehu and Tītī

As world leaders prepare for the United Nations Conference on Climate Change in Paris next month, Massey University staff and students in Wellington are staging a series of provocative short plays and readings as part of a worldwide event harnessing theatre to encourage people to think creatively about the issue.

Titled *Waves*, the production includes the world premiere of a new short play, *Mōrehu and Tītī*, by award-winning Vancouver-based Māori playwright David Geary. The event is part of the Climate Change Theatre Action project – a series of worldwide readings and performances led from New York by Theatre Without Borders.

Associate Professor Elspeth Tilley, producer and director of the only New Zealand event in the global theatre action project, says the 1 November performances at Massey's Theatre Lab will provide audiences with creative perspectives and solutions for what is often defined as the most pressing issue facing humanity.

Dr Tilley, a lecturer in the School of English and Media Studies, says the process of creating and performing theatre about a difficult and daunting topic can be empowering for participants and audiences.

“People get bombarded with information about climate change and the doom-filled scenarios – the result is that people become complacent and switch off,” she says. “The performances in *Waves* will entertain, console and confront you with works that are humorous and intense, problem-illuminating and solution-focussed, powerful, sometimes funny, sometimes catastrophic, often moving and inspirational.”

Punk rock tuatara meets Al Gore

In David Geary's play, ancient punk rocker tuatara Mōrehu is stuck on a drifting raft with Titī, a young sooty shearwater (muttonbird or titī) as they head towards Antarctica. Actors include PhD candidate Sara McBride, who plays a satirical version of climate change activist and former US Vice President Al Gore, and Bachelor of Communication student Hamish Boyle, an experienced stage actor who will take on the title role of Mōrehu.

Ms McBride, who is researching effective communication in disasters for her doctoral thesis, says theatre is highly relevant for equipping people to communicate in a crisis. "In a disaster you need people who can adapt and respond quickly to changing circumstances – learning about creativity and improvisation gives you this flexibility and mental agility, which is just what you need in dealing with emergencies."

The programme includes a short play set in the Pacific and written by Dr Tilley, called *Flotsam*. It is about a woman whose job is to assess climate change refugee applications. Her daughter, who is following the issue on Facebook, is less than impressed by her mother's decisions.

Dr Tilley says there are currently 100 Climate Change Theatre Action events scheduled in 22 countries, ranging from living-room readings to fully produced shows, and from site-specific performances at the foot of glaciers to radio programmes and film adaptations.

"Of all these, ours – Waves – will be the first," she says. "We see the sun first in New Zealand and so we will also be leading the world in launching the first Climate Change Theatre Action event."

Climate Change Theatre Action is a partnership between three international creative activism non-governmental organisations; Theatre Without Borders, The Arctic Cycle and No Passport. It is a registered part of Artcop21, the official worldwide cultural programme of the United Nations Climate Change Conference in Paris later in November.

The Waves event will conclude with announcing the winners of the Expressive Arts Club Climate Change Creative Writing Competition.

For more information check the Facebook page for the performance [here](#). Tickets are free but limited – to reserve seats click [here](#).

Waves: Climate Change Theatre Action:

1 November: 1pm to 2pm in the Theatre Lab 5D14, Massey Wellington Campus. (Free entry)

Date: 21/10/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Creative Arts; Environmental issues; Exhibition/Show; Joint Centre for Disaster Research; Uni News

Baby buggy fundraiser exceeds expectations

The Manawatū rugby fundraiser to buy buggies for Ronald McDonald House in Auckland succeeded far beyond expectations, raising more than \$15,000 when the target was \$5000.

Organisers Dr Kerri Morgan, from the Institute of Veterinary Animal and Biomedical Science, and her husband Brendan Clare had chosen the charity while staying there as their eight-month-old son Jonty was treated at Starship children's hospital for a rare form of cancer.

Rugby for Buggies saw more than 170 people enjoyed breakfast at University House on Sunday morning while watching the All Blacks beat France 62-13 in the Rugby World Cup quarterfinal on big screens in the Japan Lecture Theatre.

There were several auctions of donated prizes and all the food and drinks for the breakfast were donated. "The feedback was great and the atmosphere was really good," Dr Morgan says. "People stood up for the national anthem and cheered every time the All Blacks scored but I didn't actually see much of the rugby."

A playing shirt signed by the RWC All Black squad, organised by Manawatū All Black Aaron Smith who plays for the same Feilding Yellows club as Mr Clare, sold online to a man from Wellington for more than \$1600.

A South Island alpine hunting trip, arranged and donated by Dr Morgan's friends in her hometown of Wanaka, was auctioned for more than \$2000.

They had decided to donate several other adventure holiday packages that had been put together by supporters to Ronald McDonald House in Auckland, which is planning its own charity fundraising auction but will return the proceeds to Rugby for Buggies.

Dr Morgan says they now expect to be able to provide new bassinets and portacots as well as the 24 buggies. She also plans to get in touch with Ronald McDonald Houses in Wellington and Christchurch to see if they need new buggies. Both also offer accommodation to parents of children requiring specialist medical treatment in the cities.

She had a long list of people to thank. "The whole event cost us less than \$300 to put on. Everything was sponsored or donated, down to the orange juice and paper cups."

Supporters who provided ingredients for the breakfast included McDonalds Restaurant in Rangitikei St (muffins) Moreish (bacon), Maree MacLachlan (eggs), Landmark Homes Manawatu (pastries, supplied at a discounted price by Alexandre Patisserie), Sanitarium (cereal), Biofarm (milk and yoghurt), Goodman Fielder (juice etc), Wharerata Cafe (crockery, cutlery, glassware) Humphries Construction (bbq), Westpac (bbq), Amy Powell from Property Brokers (fruit platters). Other support came from Massey University (venue), Dave Wiltshire and Sitech (organising broadcast on the screen) Aerialmaster (tv aerial), Blacksheepdesign (design and artwork for tickets, posters and facebook page) and Phil and Ted (for offering a substantial discount on the price of Mountain Buggies).

Other donations for auctions were Hiwinui Day Spa, The Hair Company, Feilding Yellows, Cameron Jewellery, Moore family,, Toyota Racing, Rangitikei Farmstay, Riverview Motel Wanganui, Blacksheepdesign, Manawatu Golf Club, Binh Trinh photography, SRVS/MSD Bayer, Alleva, Loveridge & Loveridge, Masterpet, Brewer's Apprentice, Ezibuy, Christies Jewellers, Plumbing world, Avanti, the New Zealand Rugby Union, Sandford Industries, Kellys Sports, Shoof, Scott and Claire Clare, Bijonei Hair Design, Silver Scissors, Studio 31, Anel Haymen Millinery, Supreme Pet Company

Date: 21/10/2015

Type: Internal Communication

Categories: Any

Massey historian pens 100-year Red Cross story



Emeritus Professor Margaret Tennant speaking at the book launch in Parliament

From knitting socks for WWI soldiers to saving lives in war-torn, natural disaster or Ebola-afflicted nations more recently, the history of the New Zealand Red Cross spans many generations, activities and places, says Massey historian Professor Margaret Tennant, who has penned its 100-year history.

Emeritus Professor Tennant, who wrote the book over three years as a Research Fellow at the School of Humanities' W.H Oliver Humanities Research Academy, says the story will give readers a deeper appreciation of the versatility and multi-faceted nature of the Red Cross in wartime and peacetime.

While the organisation's modern profile is linked in most people's minds with its emergency role in the aftermath of the Canterbury earthquakes, its vast array of volunteer services has evolved as part of the nation's history over the past one hundred years, the Palmerston North-based author says.

The delivery of Meals on Wheels, resettling refugees, running charity book sales and opportunity shops, international disaster emergency responses, and tracing and re-uniting families split by war and disaster are among the current activities Red Cross volunteers are involved with.

Professor Tennant, who trawled archives at the Red Cross and the Alexander Turnbull Library as well as conducting numerous interviews with current Red Cross volunteers and staff, says she was fascinated by the role of the Junior Red Cross in New Zealand in the 1930s and 40s, and the strength of youth voluntarism it fostered.

Its efforts were focussed on primary schools, where children were encouraged to get involved in charity fundraising, sending books and toys to local hospitals and orphanages, cultivating a school garden, as well as knitting 'peggy' squares for blankets and donating clothes to refugees.

Health, hygiene and teaching First Aid were also part of the Junior Red Cross mandate, to foster a sense of citizenship based on service, community engagement and responsibility.



Food cases packaged at the Wanganui Red Cross and sent to a residential centre in Scotland in 1950

Humanitarian spirit kindled at war

Forged in the 1859 Battle of Solferino in Lombardy, northern Italy, it was the actions of young Swiss businessman Henri Dunant that led to the creation of the international Red Cross. Dunant came across the aftermath of the battle, in which some 20,000 were killed, and enlisted the help of civilians – mostly women – to help tend the wounded. His observations and written account describing the humanitarianism of volunteers in comforting the wounded and dying – the essence and inspiration of the Red Cross 'brand' – resulted in the first Geneva Convention in 1864. This set out the principle of neutrality among army medical personnel and volunteers aiding injured soldiers, which later evolved into the seven core principles of the International Red Cross – humanity, impartiality, neutrality, independence, voluntary service, unity and universality.

This legacy flourished during New Zealand's wartime experiences. During WWI the Red Cross was characterised as "drawing the net of mercy through a sea of pain" through fundraising and domestic skills to the care of returned men, Professor Tennant writes. The uniformed branches of Red Cross nurses and VAs (Voluntary Aids) expanded during WWII, along with provision of food parcels sent to POWs. This involved intensive volunteer labour to fundraise, pack and send some 4700 cases of goods overseas weekly during WWII.



Red Cross Search and Rescue teams after the 2011 Christchurch earthquake

Napier quake a milestone for disaster response

The 1931 Napier earthquake prompted the development of a major disaster relief effort, which has since evolved to encompass highly sophisticated disaster preparedness, management, training and response teams that now extends to many neighbouring Pacific nations.

A section of the book is devoted to the colourful campaign posters of the many Red Cross relief projects, including a dramatic poster featuring spray can art, designed by Saatchi and Saatchi for the New Zealand Red Cross in 1995, with a missile and the words “Only one thing stops the Red Cross.”

Professor Tennant lectured in history at Massey's School of Humanities for 30 years before the start of this project and has written books on the history of the non-profit sector, including *The Fabric of Welfare: Voluntary Organisations, Government, and Welfare in New Zealand 1840-2005* (2007).

She says just about every New Zealander feels some affinity with the Red Cross, which has 97 million volunteers, staff and members worldwide. The New Zealand Red Cross is one of 188 national Red Cross and Red Crescent societies around the world. Professor Tennant aimed to write an accessible history complete with profiles of key personalities who helped shaped the organisation. She is passionate about the role of a historian in connecting stories and knowledge of the past to a wider audience.

“Each national Red Cross Society has its own history which involves an interplay between local conditions and membership of an international ‘Movement’ – an expression which implies that the Red Cross is not simply a charitable society, or an international non-governmental organisation, but something larger...and potentially transformative,” she says in the book.

The hardcover volume is published by the New Zealand Red Cross and can be ordered through its website.

Date: 21/10/2015

Type: University News

Categories: Home Page article; Book; College of Humanities & Social Sciences; Feature; Research; School of Humanities; Uni News

Mauri stone ceremony completed at marae



Student recruitment adviser Belinda Weepu was among several staff who helped shovel in earthworks as part of a small ceremony positioning the mauri stone on the site of the marae redevelopment.

Massey staff and students, including mana whenua, gathered at the site of the former Kuratini Marae on the Wellington campus last week for a short ceremony that represented another stage in the construction of a new wharenuī or meeting house.

The mauri stone located under the old wharekai was placed in its new position on site allowing for the building of the new wharenuī to go ahead as planned.

Assistant Vice-Chancellor Māori and Pasifika, Dr Selwyn Katene, says the marae's mauri or life force is concentrated into the stone for protection. It is the same stone used when the old wharekai was placed on site 25 years ago.

A spokesman for Taranaki Whānui, representing the local mana whenua, Peter Jackson, conducted the ceremony saying that he was impressed that the right cultural procedures were observed.

Staff and students were invited to symbolically shovel earthworks back over the stone and help fill in the hole ahead of the resumption of construction on the marae project.

Athfield Architects, which designed the neighbouring College of Creative Arts building Te Ara Hihiko, has been awarded the contract to design the new-look marae with construction carried out by Arrow International.

Dr Katene says the new marae facilities, complete with plantings and landscaping, will provide a meeting space that is contemporary, culturally rich and well integrated into the campus environment.

Date: 21/10/2015

Type: University News

Is your coffee habit thwarting you in sport?



Massey University Master's student Kyle Southward.

A Massey University study is looking for athletic men to help researchers find out more about the effect of caffeine on sporting performance.

While more than 70 per cent of New Zealanders consume caffeine regularly, most don't understand the effect it can have on their sporting performance, sleep, mood and cognitive functions.

Caffeine used to be banned by the World Anti-Doping Agency (WADA) due to its ergogenic effects (external influences that enhance athletic performance or facilitate physical exercise), but was later removed from the list due to its widespread use and accessibility. It remains monitored, and caffeine in high levels is prohibited.

Massey researchers from the College of Health want to know more about the combined effects of genetics and caffeine ingestion on endurance sports performance, perception and cognition.

Master's student Kyle Southward, from the School of Sport and Exercise, says, "Many athletes and gym goers use caffeine as a stimulant to improve their sessions, but most people don't know when to take it, or how much to have to make the biggest impact."

Mr Southward says research shows a large disparity among the effects caffeine can have on different people. "While there are many factors such as age, sex, pregnancy and smoking that affect how the body



reacts to caffeine, genetics seem to play a large role.

“One gene in particular – CYP1A2 – has been identified as greatly affecting the metabolism of caffeine, either slowing down the metabolism, or speeding it up.”

Researchers are looking for healthy, non-smoking male athletes who can comfortably run 10km to take part in the study. Participants also need to be consumers of caffeine at least once a week (whether by chocolate, coffee, tea or energy drinks). They will be tested to find out which gene they have and how caffeine affects them.

Participants will be required to visit Massey's Albany campus for a familiarisation session, two main trials (three to four hours each) and two days following each trial for 30 minutes. They will undergo a series of physiological and cognitive measures before and after ingestion of caffeine and/or a placebo, followed by a 10km time trial and another set of physiological and cognitive measures.

Participants will receive compensation for travel (a \$50 petrol voucher) and genetic test result feedback.

If you would like to participate or want more information, please contact Kyle Southward:

K.A.Southward@Massey.ac.nz

Date: 21/10/2015

Type: Research

Categories: Home Page article; Academy of Sport; Auckland; College of Health; Feature; Research; School of Sport, Exercise and Nutrition; Sport and recreation

Grow North to get project manager

A project manager is to be appointed to progress the Grow North initiative to work on internal and external strategies and communications and coordinate implementation of high-priority action plans.

A decision was made at the September 23 meeting of the Albany Campus Leadership Team to begin the process to appoint someone for at least a year. The role could include information gathering on initiatives that are happening on the campus, and producing campus communication.

It was agreed that the position would sit under External Relations as this would ensure alignment to avoid duplication of work, provide the right environment for an overview of things, and have easier access to resources.

[For the previous Grow North update.](#)

Date: 21/10/2015

Type: Internal Communication

Categories: Any

Office of Quality Assurance has new director

The Office of Quality Assurance has a new director to lead the work of the Academic Policy and Regulations Unit.

Meredith MacKenzie, the former academic strategy manager, formally takes up the role on November 2 and is acting director until then. She replaces Maggie Stewart, who recently retired.

Ms MacKenzie will ensure the unit's services support the University colleges' academic endeavours and reflect their ambitions.

"I'm passionate about fostering a culture of transparency and an environment where the academic community – both staff and students – are engaged in a quality agenda, and are empowered to actively participate in the academic governance and decision-making processes," she says

A key role for her will be overseeing the delivery of the Curriculum Management System, an integral part of the Student Management Solution Implementation project, and one that will deliver improved functionality and information to staff with qualification management responsibilities.

She has a Bachelor of Arts in History and a Bachelor of Business Studies in Accountancy, both from Massey, and has worked at Massey for the past decade after a previous career working for large corporates in audit and management accounting.

Date: 21/10/2015

Type: Internal Communication

Categories: Any



Meredith MacKenzie

Award winning nurse talks about aid work in conflict zones



Red Cross nurse Andrew Cameron in Juba Teaching Hospital, South Sudan.

One of New Zealand's most decorated nurses will speak about his work in some of the world's most dangerous disaster and conflict zones as he prepares for a second mission to Sudan in December.

59-year-old Andrew Cameron, who hails from Hawke's Bay, graduated from Massey University with an advanced diploma in nursing in 1984.

Since then, he has gone on to achieve his dream of becoming a humanitarian aid worker for Red Cross, serving in Kenya, Sudan, Afghanistan, Yemen, Iraq, Georgia and Sierra Leone, as well as working with remote populations in Australia.

In 2011, he was only the 25th New Zealander in a century to win the prestigious International Florence Nightingale Medal. In 2013, he was awarded the Order of Australia and this year he was honoured with Massey University's Distinguished Alumni Service Award.

Mr Cameron says one of his most challenging New Zealand Red Cross posts was dealing with the Ebola epidemic in Sierra Leone last year, the epicentre of the West African outbreak where almost 4000 have died. "While it wasn't a conflict zone, trying to contain such a virulent disease was tough. You are on high alert the whole time. You can't even shake the hands of your colleagues for fear of contamination.

"It was heartbreaking talking to patients one day, and burying them the next. I was in charge of the cemetery and funeral services, and graves were being dug out every day."

Ebola is a hemorrhagic fever that has claimed the lives of more than 11,000 people in Guinea, Sierra Leone and Liberia since its outbreak last year.

Living on the edge

Andrew Cameron has been living in Birdsville in Queensland since January but will head back to Sudan for a six-month stint as part of a surgical team in December. Until then, he is the sole nurse in one of the hottest, harshest climates in Australia, on the edge of the Simpson Desert, covering an area the size of England and Wales combined.

“There is one teacher for the five kids in the school, and a policeman. Once last year I had to drive an ambulance for 12 hours to retrieve a patient. And in the last month I have attended two fatal accidents, but thankfully they are a rare occurrence. I don't know why, but I don't seem to pick the easiest places to work and live.”

Despite the personal toll nursing takes, he says it's a great career, especially for men. “It is one of the caring professions where the opportunities to help your fellow man - and women and children - around the world, who do not have the privileges we enjoy, are limitless. I didn't want to get to old age and think ‘I wonder what it would have been like to work in that Ebola Hospital in Sierra Leone? If only I had gone when they asked me’.”

A close up look at current health challenges

Pro Vice-Chancellor Paul McDonald who heads Massey's College of Health says the four-city speaking tour gives Kiwis a unique front row seat into the world of emerging global health challenges and opportunities.

“Andrew Cameron is a shining example of the kind of health professional Massey University is producing to make a real difference in improving the lives of individuals, communities and nations.”

New Zealand Red Cross Secretary General Tony Paine says, “One of the great pleasures of my job is meeting New Zealand Red Cross aid workers like Andrew. They are courageous and committed individuals, but I am also struck by their cheerful humility. For Andrew and his colleagues, the thought of heading off to situations full of challenge and possible danger seems quite a matter-of-fact task. When I suggest they are being courageous, their response is similar to so many heroes: ‘I am just doing what anyone would do, this is what I have trained for.’”

“Despite this low-key approach, Andrew's work has enabled us to make contributions on the world stage that, as in so many spheres, are disproportionate to our size and isolated location at the bottom of the map.”

Come and find out more about emerging global health challenges and opportunities at a free public presentation from one of New Zealand's most dedicated nurses.

Event details: 5.30pm to 7.30pm

MON 2nd NOV – ARC Security Lounge, Toll Stadium, 51 Okara Drive, **Whangarei**

TUES 3rd NOV – Genesis Energy Lounge, 128 Seddon Road, Gate 5, **Hamilton**

WED 4th NOV – War Memorial Theatre, 48 Marine Parade, **Napier**

THUR 5th NOV – The Free House, 95 Collingwood Street, **Nelson**

Please RSVP [online](#), by email alumni@massey.ac.nz or phone 06 350 5865

Date: 27/10/2015

Type: Features

n

Categories: Home Page article; Alumni; College of Health; Explore - HEALTH

Staying clear of bears



Ariana Blackwood, Masters in Environmental Management student studying in Canada.

Training while on an international exchange can be tricky but for Ariana Blackwood it's come with some added danger. Ariana, a Masters in Environmental Management student, is currently on a three month study exchange at the University of North British Columbia in Canada.

The successful heptathlete is keeping up her training schedule but says going out for a run by herself is frowned on. "Our campus is surrounded by hundreds of acres of forest and not only is getting lost an issue, there is also the threat of attacks by bears, cougars, and angry moose which frequent the area."

But the threat of bears hasn't stopped Ariana from getting out into the wild. "I never imagined that within a week of setting foot in the country I'd be out in the remote wilderness setting traps and collecting wildlife surveys for a national bird migration monitoring network!" She's since trekked, climbed and kayaked her way around the region while fitting in studies at the University.

The UNBC, established only 25 years ago, is known as the "People's University". It was developed after 16,000 people petitioned the Government putting up \$5 each. Its innovative beginning is reflected in the campus which is renowned for its sustainability. The unique architecture and heating systems are specially designed to cope with the - 40 degree winters, but Ariana says its innovations range all the way to coffee cups. She says the BAM or Borrow A Mug project allows people to leave their mug to be collected at a return station to avoid disposable cups on campus.

While she's found Canadian culture extremely friendly and similar to New Zealand in many ways, she believes the treatment of First Nation people is starkly different. "I feel as though New Zealand is a much more integrated country. The sight of anyone who appears remotely native on campus is extremely rare."

Ariana says the experience has been incredible but she's looking forward to getting back to New Zealand and her thesis which next year will see her focus on the decline of kakahi, our freshwater mussels, in New Zealand Rivers.

Ariana's trip was supported by the Pūrehuroa Māori Postgraduate Award.

Date: 27/10/2015

Type: Features

Categories: Home Page article; College of Sciences; Maori; Student profiles

Next phase of Grow North seeks expression of interest in Oteha Rohe



Oteha Rohe precinct

The University is beginning a process to help fund the next stage of development of the Auckland campus in Albany, seeking expressions of interest in the 13.8-hectare Oteha Rohe precinct.

Deputy Vice-Chancellor Ted Zorn says the aim is to realise the value held in Oteha Rohe and to find commercial partners to assist with the development of infrastructure on the rest of the campus.

“Since the Albany campus was established in 1993, it has embarked on a long-term plan for growth,” Professor Zorn says. “We need to continue with this development plan if we are to be the university of choice for the fast-growing region north of the Auckland Harbour Bridge.”

Massey hopes to sell or lease the land and buildings, he says, but will a short-term leaseback of the buildings will be part of any agreement. “This will ensure staff currently based in Oteha Rohe will be able to remain there until purpose-built buildings are constructed in the East Precinct.”

The University's long-term plan is to develop around 100,000m²-150,000m² of additional building space over the next 20 to 30 years. The next phase of development will be the Science Innovation and Research Centre, which will house teaching and research labs and collaborative working spaces to connect the university with industry and its local community.

Professor Zorn says this is essential if Massey is to reach its target of having 10,000 equivalent full-time students in Auckland enrolled by 2025, being the university that is most closely connected to businesses in Auckland and the university of choice for international students and new migrants.



Deputy Vice-Chancellor Ted Zorn

“Massey is committed to being the local university for north Auckland's vibrant and diverse community. The vision is for an entrepreneurial campus that is at the centre of an innovation ecosystem.

“We will be key to developing talent and drawing together academic, public, industry, and Government interests to collaborate across disciplines. That's what being a 21st century university is all about.”

Members of the senior leadership team will speak to staff in two forums, one at the East Precinct and one at Oteha Rohe, on Thursday (October 29). On Friday a public advertising campaign will begin.

Staff forum one will be at 1.30pm in the Sir Neil Waters lecture theatre (East Precinct), attended by Professor Zorn, Assistant Vice-Chancellor Operations, International and University Registrar Stuart Morriss, and College of Sciences Pro Vice-Chancellor Professor Ray Geor.

Staff forum two will be at 3pm in Building 22, Room 9 (Oteha Rohe) attended by Mr Morriss, Professor Geor and College of Health Pro Vice-Chancellor Professor Paul McDonald.

The call for expressions of interest is part of a two-phase process and a formal Request for Proposals process will take place early next year. There is a [website set up for more information](#) and staff are asked to direct any external inquiries they receive either to that site or directly to the chief procurement and contract officer [Jeff Yee at this email address](#).

Date: 27/10/2015

Type: Internal Communication

Categories: Any

Animal expert calls for four-day firework window



Dr Rachael Stratton says the fear, distress and injury caused to animals by fireworks outweighs their fun.

A veterinarian who specialises in animal welfare and behaviour wants restrictions to be placed on the use of fireworks in New Zealand outside the four-day annual window from November 2-5.

Massey University veterinary behaviourist Rachael Stratton says the fear, distress and injuries caused to animals, damage to property and the anguish pet owners experience outweighs the enjoyment people get from letting off fireworks.

Dr Stratton says since 2007, when the Government restricted the annual sale of fireworks to four days, fewer people are using them outside that period but some still stockpile and there is invariably a build-up to Guy Fawkes that starts weeks beforehand and continues afterwards.

"It is the unpredictability of when fireworks will be encountered that makes safe management of animals and treating phobias extremely difficult," she says.

"I'm not advocating a nanny state but the Government or local councils need to consider making it an offence to let off fireworks, particularly in urban areas, outside a defined Guy Fawkes period without a special permit.

"It is possible for animal owners to manage the situation for four days and nights a year with a series of precautions to protect their pets. It's not fair on the animals or realistic to do that all year round."



Dr Stratton is part of Massey's Veterinary Emergency Response Team that is activated for emergency rescue and in disasters such as the Canterbury earthquakes where domestic pets or livestock need rescuing or management and treatment in the field on a large scale.

"Noise phobias can be a serious welfare issue that severely interferes with the lives of animals. Not only that, it's often really upsetting for the owners to see their pets distressed."

She says animals don't become used to the explosions either. Usually the issue compounds.

"Instead of becoming desensitised to the noise and light, most animals actually become more sensitised and their responses become worse as the stimulus is unpredictable, uncontrollable and ubiquitous. Pets may generalise and become fearful of other loud noises – not just fireworks. They may even start to become anxious when it gets dark as they are anticipating fireworks."

"While I have a lot of sympathy for those who want a total ban on the use of fireworks outside public demonstrations, I think this is more likely to get wider public acceptance and provide some relief for pets and their owners."

Dr Stratton says preparation is the key to easing animal's fear and the predictability of when fireworks will be let off is crucial to managing that.

Symptoms of fear and tips to prepare

All animals can be affected – cats, dogs, horses, birds and livestock such as cattle, sheep, deer, goats, alpacas and wildlife.

Symptoms of anxiety include trembling, pacing, barking, whining or self-mutilation in dogs. Cats and dogs may stop eating, seek out their owner, destroy things through chewing, urinate, defecate, cower, hide or try to run away. Horses often react by vocalising, pacing up and down and may panic and injure themselves.

Tips to protect animals:

- Stock up and trial these suggestions first
- Provide a comfortable box, crate, cage (for birds) or bed preferably indoors. Encourage your pet to enjoy using it by feeding meals, treats and providing toys in it well beforehand
- Close windows, curtains, doors and cat flaps during fireworks nights to reduce chance of escape, muffle noise and block light – you can even buy ear muffs (Mutt Muffs) or tinted goggles (Doggles) for dogs but get them used to it prior, a blanket over the crate/cage can help (monitor temperature) as can masking the sound with music or television noise
- Distract pets using food puzzles (like Kong for dogs or hay nets for horses).
- Find out when and where local displays are
- Talk to neighbours and see if you can agree on reasonable time periods of firework use
- Maintain daily routine and consistency in the household, but walk dogs in the daytime. Remain calm yourself.
- Avoid leaving your pets alone
- Microchip and register pets with the New Zealand Companion Animal Register and local council in case they run away. Many pets including birds, cows, deer, emu, goats, horses, llamas, alpacas, ostriches, rabbits, guinea pigs, sheep as well as cats and dogs can be registered.
- Move horses to a farm or paddock away from likely source of fireworks sight and sound. Monitor your horse but do not attempt to control a panicked horse.

She says there are also a number of calming aids available for moderate to serious cases including compression gear like the Thundershirt, pheromones like Adaptil or Feliway, Calmex, or medication for anxiety.

For further advice contact your usual veterinarian or the Massey University Veterinary Teaching Hospital Behaviour Service on +64 6 350 5329.

Date: 27/10/2015

Type: University News

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; National; School of

Māori urged to fight the TPPA



Professor Huia Jahnke hosted the seminar with Professor Jane Kelsey and Moana Maniapoto.

Māori have been urged to fight against the TPPA despite the Government's announcement a deal has been reached. Massey University's ongoing seminar series with Ngāti Whātua Ōrākei saw anti-TPPA campaigners Moana Maniapoto and Professor Jane Kelsey present their views at the Ōrākei Marae.

Ms Maniapoto says the secrecy surrounding this deal is a huge issue. “As Māori we have been locked out of the process. The Waitangi Tribunal made that quite clear – they have grave concerns about the lack of engagement.”

Professor Kelsey agreed. She says in the five years she has been investigating the deal, one question has remained - “Why, if it's so good for us, are they so determined to keep it secret until it's too late to do anything about it.” She claims there are many aspects that will impact on Māori including loss of sovereignty, loss of environmental controls and even negative effects on health with Smokefree policies at risk and the cost of medicines set to rise.

But it's the provision that allows foreign companies to sue New Zealand, if their businesses are impacted by local laws that had many heads in the audience shaking. Professor Kelsey says companies could sue in offshore tribunals that supersede even our own courts. “Can you imagine three investment lawyers on a tribunal could be asked to determine Treaty of Waitangi protections!” She cited the example of a similar trade deal in Canada that saw local environmental rulings overturned by an off-shore tribunal in favor of foreign investors.

Professor Kelsey says the fight against the TPPA is not over as there's a 90 day period before the deal is officially signed and another couple of years before it becomes binding. She says multiple claims against the TPPA to the Waitangi Tribunal remain in play and she urged Māori to continue to resist saying “The TPPA is putting handcuffs on our ability to decide our future”. The evening concluded with a stirring waiata from Moana Maniapoto.

Date: 28/10/2015

Type: Features

Categories: Maori

Arbor Day Competition winners announced



Massey's Arbor Day Writing Competition asked entrants to write about a favourite tree.

A Palmerston North woman's story of rescuing a cherry tree that was repeatedly attacked by vandals has won Massey University's Arbor Day Writing Competition.

Megan Stace-Davies, tutor in the School of English and Media Studies at Massey University, said she had never entered a writing competition before, but the tree theme resonated with her.

"I have long felt an affinity with trees as protectors and life forces. My actual relationship with this cherry tree gained strength over time through trials. Eventually it came to symbolise for me strength growing out of the trials of life. I saved this tree and it has saved me."

The judging panel, comprising Dr Heather Kavan of the School of Communication, Journalism and Marketing and Associate Professor Juliana Mansvelt from the School of People, Environment and Planning, said that Ms Stace-Davies' entry won because of the "emotional power" of her story and the "crystal-clear way she expressed this".

In the under 15-years category, eight-year-old Trinity Tauaneai won first place with her story of her fantasy tree that was her hero and soldier. There were also several highly commended stories, including one from a 10-year-



Megan Stace-Davies and her cherry tree.

old boy who immigrated to New Zealand and described his fascination with a lemon tree in the garden of his new home.

The judges commented that they especially enjoyed reading the younger children's entries because the writing was free from self-consciousness. "They were expressing their honest thoughts, rather than trying to impress the reader or win a prize," Dr Kavan said.

"Reading the children's entries reminded me of the Russian novelist Tolstoy's comment that the children at his local Yasnaya Polyana school wrote better stories than he did," Dr Kavan said.

The winners each received \$100, and the children whose work was highly recommended received a copy of Dr Seuss's book *The Lorax*.

The judges said they would like to thank everyone who entered. "There were over 50 entries, and some were beautifully presented with photos and art work."

"We encourage those who didn't win to enter our story writing competition next year. Each year we will take a theme from the winners' entries and make that our theme for the next year's competition," Dr Kavan say.

The theme of both winning entries this year was the tree as a hero that beat the odds. Therefore the 2016 theme will be heroes and heroines.

And what tips do the judges have for next year's competition? "Make sure there is a strong story line with a clear resolution at the end."

My Special Tree – by Megan Stace-Davies

Most would think you an unremarkable tree – just a common flowering cherry. But to me you are very remarkable. You hold a special place in my heart.

You were planted by the birds in our garden and began to grow.

When you were a little sapling I carefully dug you out and planted you on our roadside berm – to replace the young city council tree destroyed by vandals. You accepted this new place and went on growing.

But one morning I found you flat to the ground. The vandals had struck again and run over you in the night. You were still very young and flexible, bent but not broken. I lifted you back up and tied you to a stake for support.

Again you grew, and became a sturdy little tree. Then more vandalism – someone ripped you from the ground and stuffed you headfirst into our letterbox, roots sticking out, exposed to wind and sun. You were dying.

I put you in water, steeped you in life-giving liquid and, amazingly, you revived. I planted you once more, in a safe spot special to me in our back garden, in my sacred little sanctuary. Here you thrived, unmolested, loved.

Now you are a tall young tree, straight and strong. You sing the seasons for me – of soft buds and blossoms, of fresh green leaves and shade, of glowing autumn colours, and of a time of quiet bare branches before you stir once again.

You are my tree of life, symbol of endurance, of survival, of holding fast, of beating the odds. My inspiration. My remarkable tree.

Date: 28/10/2015

Type: Awards and Appointments

Categories: College of Business



Trinity Tauaneai, Under-15 category winner.

Palmy poised to get more active on short trips



Student researchers Mike Scott and Caleb Tien

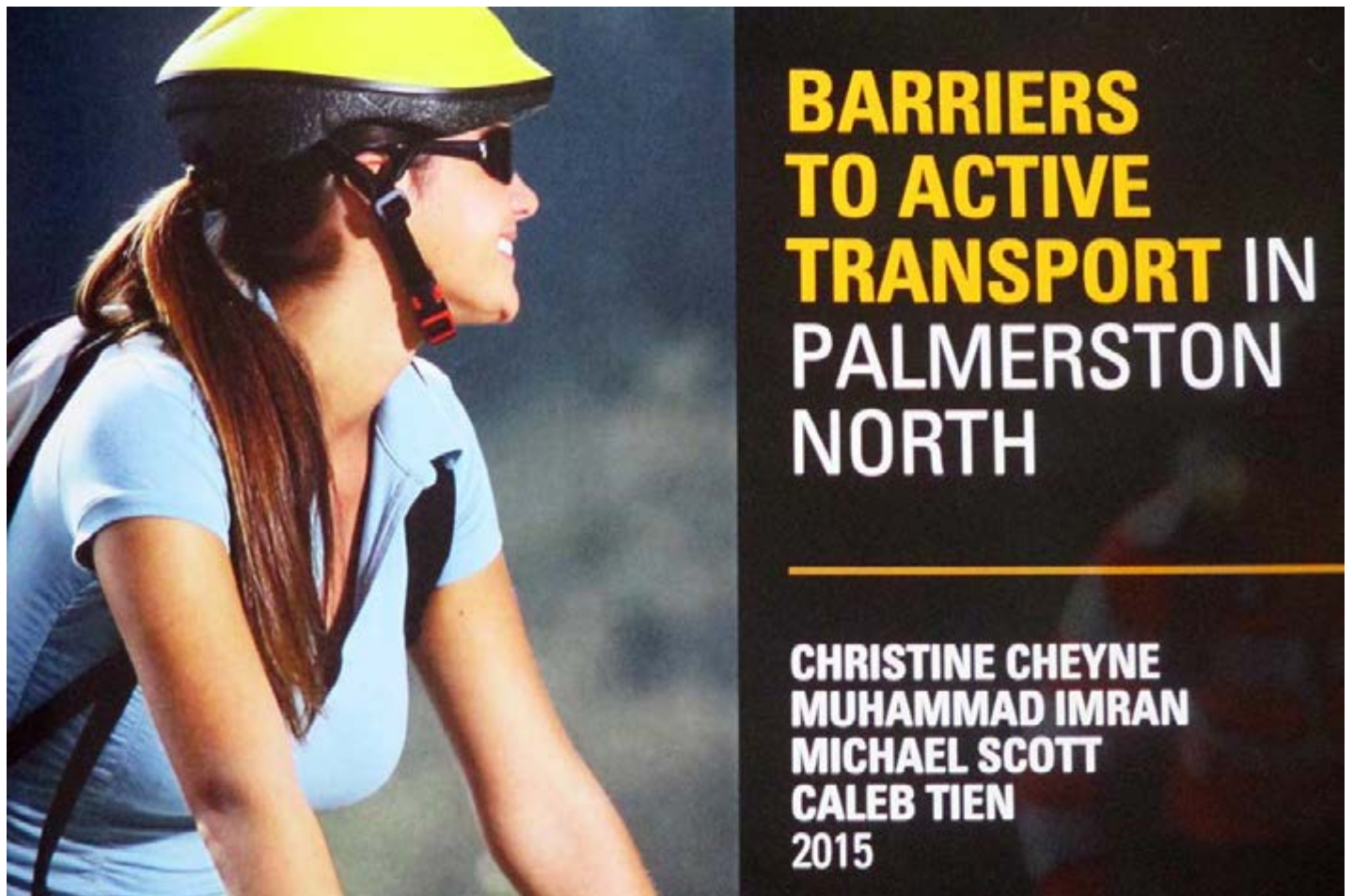
Reducing four wheels to two wheels or no wheels – Palmerston North's civic and business leaders need to come up with innovative ways to encourage people to bike or walk to work, say Massey planners who have released a report on active transport.

While more walking and cycle paths have been developed around the city in recent years, people use them mostly for recreation rather than as a way to get to work, according to a survey the team conducted as part of its research for the study; *Barriers to active transport in Palmerston North*.

The report – co-authored by Associate Professors Christine Cheyne and Imran Muhammad, and Resource and Environmental Planning students, Michael Scott and Caleb Tien, from the School of People, Environment and Planning – will be launched at a public forum this evening.

The researchers explored factors contributing to what they call “forced car dependence”, as well as barriers to active transport hampering Palmerston North's reputation as a place that fosters healthy, sustainable lifestyles. Despite the city's flat topography, which is ideal for walking and cycling, those surveyed cited a range of reasons not to hop on their bikes or walk for trips around town.

These include weather (and the inconvenience of arriving to work in damp clothing); distance, time, safety, and the option of doing other tasks such as carrying shopping. Health, identity, peers, access to cars or bikes were also mentioned, as well as the lack of public transport infrastructure links.



From the report's cover

Leadership needed to encourage active transport

Study co-author Associate Professor Christine Cheyne, who leads the University's Planning programme, says what's needed is "more visible leadership and leaders", from employers to parents. Incentives, information for people not familiar with walking and biking, and promotional campaigns are also recommended.

More bike sharing schemes, integrated city bus services and safer cycle and walking pathways would all help to boost active transport, she says.

"If we want to have a healthy population, and to be an attractive place for students and workers from outside the region, it's important that we are bike-friendly and pleasant for walking."

While the Netherlands is held up as an example of the ultimate cycle-friendly country, it was not always the case, she says. Leadership and infrastructure led to a culture change.

The report says Palmerston North's natural advantage is being free of the barriers present in other urban areas with its "flat topography, relatively compact urban form and medium size."

There is "strong evidence that people appreciated the recent expansion of some high-quality infrastructure (the riverside and city perimeter shared paths) which was encouraging them to walk and bike not just for recreation but for commuting," the report says.

And while weather was one of the main concerns for cyclists and pedestrians, there is much that can be done to make it easier for people to walk and bike and deal with rain and wind, they say. Bike racks on buses are increasingly common in other places promoting active transport.

The study's authors hope their document will spark discussions and a growing interest in the Palmerston North community about active transport as part of a multi-modal transport system. Their findings are also relevant to other New Zealand towns grappling with how to create user-friendly environments for cyclists and pedestrians.

The research was funded by the Palmerston North City Council and Massey's Living Lab initiative, which fosters collaborative research towards a more sustainable city. Read the full report [here](#).

Event details: Active transport – report launch

Date: Wednesday, 28 October: 6:00-7:30pm

Venue: Events Central (previously the Sound and Vision Room), Palmerston North City Library

Programme: Welcome from David Murphy (City Planning Manager, Palmerston North City Council) and Allanah Ryan (Head of School of People, Environment and Planning); presentation of findings by Christine Cheyne and Imran Muhammad; discussion and questions.

Date: 28/10/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Enviromental issues; Explore - Planning; Palmerston North; Research

Environmental health grant awarded



Barry Borman (centre) with fellow researchers awarded a Ministry of Health grant investigating the links between the environment and the health of New Zealanders. From left Kylie Mason, Anna Matheson, Helene Marsters, Deborah Read, Mathu Shanthakumar, Caroline Fyfe, Fei Xu, Kirstin Lindberg. Absent, Riz Firestone.

A new \$1.86m contract has been awarded to a research team from Massey University's College of Health to investigate links between New Zealand's environment and the health of its people.

The funding from the Ministry of Health will allow the team, led by Associate Professor Barry Borman from the University's Centre for Public Health Research, to continue its work on the Environmental Health Indicators (EHI) Programme for three more years.

The programme, which started in 2009, informs and provides statistics on how the environment affects the health of New Zealanders including traditional indicators such as air and water quality.

The team has created a national hub for environmental health indicators.

It includes monitoring existing and developing new indicators, overseeing the Hazardous Substances Surveillance System that monitors injuries, disease and deaths related to hazardous substances exposure and includes GP notifications of hazardous substances diseases and injuries (HSDIRT); and the New Zealand Environmental Burden of Disease Study that quantifies the impact of the environment on human health for specific exposures. Analysis from the programme is used as evidence for policy development and decision making in health-related sectors.

Major stakeholders in the project are the Ministry of Health, Ministry for the Environment and the Environmental Protection Authority.

The focus of the programme is making data and information useful and relevant for a wide range of users: government departments, district health boards, public health units and local councils. The data and will also

be made accessible to everyone through factsheets, brief summary reports, various data visualisations, and the EHI website (www.ehinz.ac.nz).

Dr Borman says the new contract will also extend their areas of research including: developing EHIs for vulnerable populations, an environmental health profile for Māori, an environmental health profile for children and a composite index for environmental health.

Massey is also investigating options for collaborations with the University's EpiCentre and Joint Centre for Disaster Research, United States Environmental Protection Agency, University of Hawaii, University of Montana and also with some Pacific countries, with the aim to develop a hub for environmental health indicators in the Pacific.

See also the Massey [website](http://CPHROnline.massey.ac.nz) CPHROnline.massey.ac.nz - an online atlas for environmental health.

Date: 28/10/2015

Type: Awards and Appointments

Categories: College of Health; Environmental issues; Research - Health and Wellbeing; School of Health Sciences; Wellington

Nominations open for Quote of the Year 2015



Some of the memorable finalists from last year's Quote of the Year Competition.

It's time to nominate your favourite quotes for the Massey University 2015 Quote of the Year Competition. From the intense emotions of the final Campbell Live show to John Key's "single greatest political interview of all time", there should be plenty of material.

Send in the most rousing, amusing or otherwise memorable one-liner said or written by a New Zealander this year. The line can be quick-witted, profound, hilarious or embarrassing.

The competition, now in its fifth year, is decided by public vote. Last year Whale Oil blogger Cameron Slater topped the list with "I play politics like Fijians play rugby. My role is smashing your face into the ground." Previous winning quotes include Maurice Williamson's famous "gay rainbow" line, Paula Bennett's "Zip it sweetie" and the New Zealand Transport Authority's "I've been internalising a really complicated situation in my head."

Speech Writing specialist Dr Heather Kavan says "Quotes can be from any public source, including movies, television, stand-up comedy, speeches, songs, advertisements, social media, and news reports."

"We're especially keen to receive quotes that have caught on with the public. Sometimes people don't enter a popular quote because they think someone else will have nominated it, but often that's not the case."

Nominations will be open until midnight 30 November 2015, at which time Massey's expert judging panel will choose the top ten. The shortlist will then be open to public vote for two weeks, with the quote of the year announced on December 16.

Nominate your favourite quote [here](#).

Date: 28/10/2015

Type: University News

Categories: College of Business

Massey starts next phase of development in Auckland



Massey University Deputy Vice-Chancellor Professor Ted Zorn at the university's Auckland campus.

Massey University is planning to sell or lease a 13.8 hectare part of its 70 hectare Auckland campus in Albany to help fund the next stage of its development.

The university has started an expression of interest (EOI) process to realise the value of its Oteha Rohe Precinct, which is located on the Albany Highway.

Massey University Deputy Vice-Chancellor Ted Zorn says the university's 40-year plan is to develop 100,000-150,000 square metres of additional building space its East and West Precincts, which are located on the Albany Expressway.

“We are looking for long-term partners who can see the value of working alongside a university to jointly realise the growth potential of this part of Auckland,” he says.

“Our next phase of development includes an ambitious science innovation and research centre to house teaching and research labs and collaborative working space to connect the university with industry and its local community. The vision is for an entrepreneurial campus that is at the centre of an innovation ecosystem.”

Auckland campus flyover | Massey University



View a flyover of Massey University's Auckland campus.

A 21st century university

Further development plans include an expansion of the library, a marae complex that encompasses a multi-ethnic learning and cultural space, and a significant amount of additional teaching space to serve the region's fast growing population.

The Oteha Rohe Precinct currently contains 65 pre-fabricated buildings, mains services and driveways and parking areas. The university will need to lease back some of these buildings while new buildings are built on its East Precinct.

Professor Zorn says the development is essential if Massey is to reach its target of having 10,000 equivalent full-time students enrolled in Auckland by 2025.

“We intend to be the university that is most closely-connected to businesses in Auckland, as well as the local university for Auckland North's vibrant and diverse community,” he says.

“This is an extremely fast-growing region with huge potential and Massey will be key to developing talent and drawing together academic, public, industry, and government interests to collaborate across disciplines. That's what being a 21st century university is all about.”

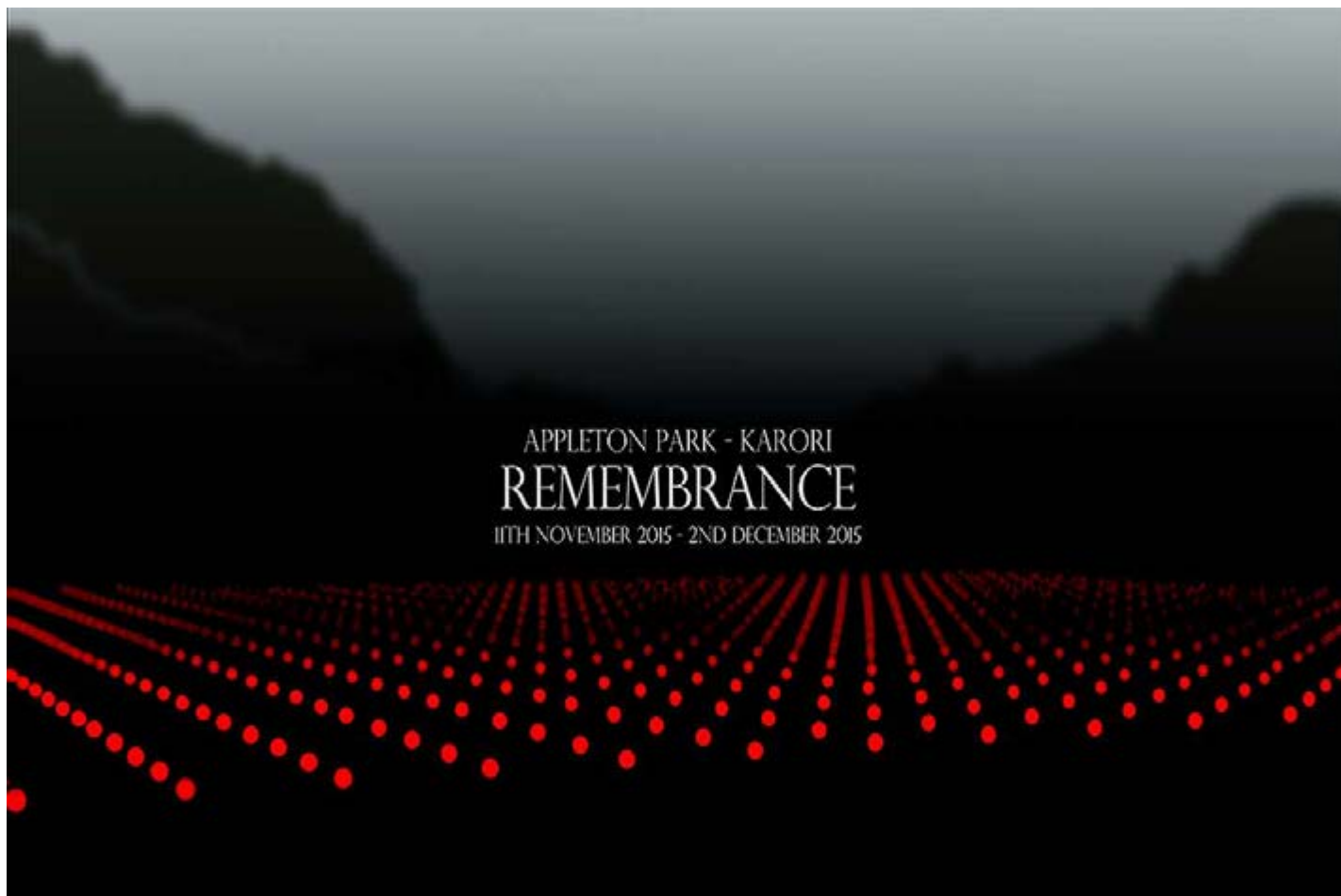
More information on the EOI can be found at: www.massey.ac.nz/auckland

Date: 28/10/2015

Type: University News

Categories: Home Page article; Auckland

Remembrance art installation to illuminate Karori



A graphic illustration of the concept behind the Remembrance artwork

He's helped light up Wellington's laneways and waterfront with LUX and now Massey University's Chris Bennewith wants to illuminate the city's suburbs too.

Karori is the site for the November 11 Armistice Day Remembrance project – an installation of more than 860 interactive LEDs that will be illuminated at Appleton Park in a poignant tribute to fallen Wellington soldiers at Gallipoli a century ago.

Several of Wellington's 'soldier streets' named after World War I commanders border the park, making it a fitting location for such an installation says Associate Professor Bennewith, who as well as being a light artist, is Assistant Vice-Chancellor (Enterprise) at the College of Creative Arts.

During the day the 860 white poles will bob in the breeze as a reflective memorial. At night, the LEDs inside will illuminate with a red light as the poles move in the wind or are pushed by bystanders, bringing to life an installation he likens to an interactive poppy field.

"The effect should be something akin to wind blowing through a barley field," he says.

In some parts of Karori, people will be able to look down into the park and view what Mr Bennewith describes as "a sea of



Light-based artist Associate Professor Chris Bennewith (at right) and installation project manager David Goldthorpe with a selection of bulbs from the installation that illuminated Appleton Park, Karori, this month till vandalism forced its removal.

red, analogous to poppies”.

“People can walk between the installations and touch them. It should be quite a vibrant and always changing field of light.”

“The artwork allows the audience to connect with the elemental, spiritual and invisible forces of nature and pause for a minute in contemplation and remembrance of those who gave their lives at Gallipoli.”

Mr Bennewith has already lit his way through the year with his work on projects ranging from Squidsoup's Submergence project attracting record numbers at Expressions Gallery to Wellington's annual winter light festival -LUX.

Remembrance was realised with the support of Wellington City Council's contestable public art funding and research funds from Massey University.

The grid like pattern of the installation is reminiscent of the layout of graves in war cemeteries throughout Europe and in Turkey.

It is also reminiscent of work undertaken by the Fields of Remembrance Trust which has erected crosses in public spaces in towns throughout New Zealand to encourage community support to honour New Zealand's fallen in World War I.

Mr Bennewith's latest installation has now been taken down after it was badly vandalised. He remains confident that there is still a place for public light-based artwork.

“It's great to see the both the public embracing the power of light-based art and particularly in large-scale projects, and the council seeing the benefit of free light-based events. It's good that we see more of this light work in Wellington.”

Date: 28/10/2015

Type: University News

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington

Curb the candy consumption and have a healthy Halloween



Some creative ideas for a healthier Halloween. Source: www.doyoubake.com

It is a night many parents dread. Children walking the streets and taking sweet treats from strangers. But Halloween does not have to be scary. Here is how you can avoid the frightful sugar rush, and still make sure your kids have a good time.

Dietitian Miriam Mullard from Massey University's School of Food and Nutrition, says it is important to decide on a plan with your kids before taking them trick or treating. "Eat dinner before you go out to prevent snacking on sweets. And use a small basket or bag to carry your child's stash – no large buckets or pillow cases!



Miriam Mullard, College of Health dietitian

"Try to limit the time spent collecting treats to no more than an hour, or until the small basket is full, then plan a family activity like watching a movie for the rest of the evening."

Miriam says portion control is key. "Decide how many lollies to let your child eat on Halloween, and portion out the rest – perhaps two or three small pieces that night, then one to two each day afterwards, such as one after lunch and one after dinner. Save only their favourite sweets and throw away the rest."

So what about people who want to provide healthy treats for their scary guests? Miriam has some more tips:

- Focus on elements of Halloween that don't involve sweets. Decorate your home, carve or paint pumpkins, and roast the seeds. These make a tasty snack.
- Prepare Halloween-themed foods like pumpkin soup, roasted pumpkin seeds, or eyeballs (peeled grapes) on a stick.
- Try giving out healthier alternatives, such as little bags of popcorn, packets of raisins, dried mango, pure fruit bars, or bundle up some mini pretzels in cellophane.

Date: 28/10/2015

Type: Features

Categories: Home Page article; College of Health; Explore - HEALTH

Massey's first adjunct professors of Indonesian uni



Dr Janet Reid, left, with University of Mataram Professor of Food Technology Sri Widyastuti, Associate Professor Chris Anderson, Dean of Agriculture Dr Sukartono and head of the international office Professor Taufik Fauzi.

Two Massey University scientists from the Institute of Agriculture and Environment are the first international scientists to be made adjunct professors of the University of Mataram in Indonesia.

Associate Professor Chris Anderson has been made Adjunct Professor in Soil and Earth Sciences, and Dr Janet Reid an Adjunct Professor in Agricultural Social Science. Their roles are an acknowledgement of the close relationship forged between the two universities.

The University of Mataram is located on Lombok Island in eastern Indonesia – a developing part of the country where large numbers of the population live below the poverty line. Dr Anderson began working with the university in 2010, studying mercury pollution in small-scale gold mines.

Since then, he and Dr Reid – together with Professor Steve Morris, from the Institute of Veterinary, Animal and Biomedical Sciences, and Professor Julian Heyes, from the Institute of Food Science and Technology – have continued to collaborate with the university on agriculture, food technology and animal science, specialised fields the two universities have in common. In 2014 they were contracted by the New Zealand Aid Programme to design an agricultural development activity in eastern Indonesia.

Dr Anderson says both universities are benefiting from the mutual relationship, and that the new appointments will further strengthen this.

“We are building capability by developing staff, working with them on joint research projects and publications and in assisting with teaching design and delivery. These activities are in turn increasing the status and ranking of the University of Mataram within the Indonesian education system. We are seeing results.

“For Massey, the outcome of the relationship is an increased presence in this important part of South–East Asia. This gives Massey access to new international students and creates opportunities for New Zealand agribusiness to become more active in the region.”

Dr Reid says she is looking forward to working more closely with the university in the future. “It is an honour to be awarded the adjunct professorship,” she says.

The professorships were awarded earlier this month in a formal ceremony to commemorate the fifty-third anniversary of the University of Mataram.

Date: 29/10/2015

Type: Awards and Appointments

Categories: Home Page article; College of Sciences; Enviromental issues; International; Research; School of Veterinary Science

Massey welcomes new head of Public Health



New Head of the School of Public Health, Professor Roger Hughes.

Pioneering Australian nutritionist and public health champion Professor Roger Hughes begins his new role as the head of Massey University's School of Public Health on Monday November 2.

The former Pro Vice-Chancellor for Research at Bond University in Queensland plans to enhance the impact of Massey's School of Public Health.

"I'm genuinely excited to be joining Massey to help continue to build the University's public health footprint and I look forward to making a useful contribution to help achieve Massey's aspirational vision as an academic institution with international impact," he says.

Previously, he held roles as the Head of the School of Health Sciences at Bond University, Chair of Public Health Nutrition at the University of the Sunshine Coast and Deputy Head for the School of Public Health at Griffith University in Queensland.

Pro Vice-Chancellor of the College of Health, Professor Paul McDonald says, "The emerging school and related research centres have several outstanding academics and researchers. Attracting another world class academic and public health practitioner like Professor Hughes adds another critical asset. Roger is well respected and has a strong record of building innovative and exciting programmes and research capacity in every university he's been part of."

Professor McDonald says, "While the school won't be the largest in the world, our goal is to make it one of the best and most distinctive by focusing on how to solve the world's most significant public health challenges."

A new Bachelor of Health Science degree is offering specialisations in areas such as public health, health promotion, occupational health, environmental health, disability and rehabilitation, integrated human health,

healthy ageing as well as Māori health and indigenous health. It also offers a new Master of Analytics with a specialisation in health.

Other undergraduate and postgraduate specialisations under consideration include public health nutrition, health system design, health programme and policy evaluation, sleep and circadian science. Students will be able to choose between degrees that will prepare them for careers as public health professionals or public health researchers. Many programmes will be available on-line and are suitable for students with and without backgrounds in high school science.

Date: 29/10/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Health; Explore - HEALTH; School of Health Sciences; Wellington

Possible vitamin D link to kākāpō breeding



New Zealand kākāpō. Photo credit: Dr Andrew Digby, Department of Conservation.

New research from Massey University on vitamin D could help bring New Zealand's endemic kākāpō back from the brink of extinction.

There are only 125 of the native parrots left, but now researchers may have discovered the secret to keeping the birds breeding.

Dr Pamela von Hurst, from Massey's School of Food and Nutrition, has just had a paper published on the study linking vitamin D in rimu fruit with the endangered parrot's nutritional needs and breeding habits, in the *Journal of Steroid Biochemistry and Molecular Biology*. The research was carried out in collaboration with Professor David Raubenheimer from the University of Sydney, and staff from the Department of Conservation.

Kākāpō breed only in years when the local trees are full with fruit, which they feed to their chicks. This includes Rimu, which this new study has revealed produces berries rich in vitamin D – a nutrient essential for laying eggs and the growth of chicks.

Previous attempts to encourage breeding during years of poor fruit supply by providing supplementary food have failed. But Dr von Hurst says this latest research might be a game changer. "This could change the way we encourage breeding. Rimu berries provide kākāpō with high levels of vitamin D and calcium, meaning they are the perfect food package for breeding and nesting birds.



Dr Pamela von Hurst

"The study challenges previous beliefs there are no food sources with a naturally high concentration of vitamin D. Kākāpō are forest-dwelling, nocturnal and flightless, which means minimal sun exposure, so we

assumed there must be a dietary source. This confirms that.”

From the beginning of the breeding season in spring, female kākāpō consume Rimu berries, which at that time are unripe. Dr von Hurst says while the vitamin D content of the unripe berries isn't yet known, it's possible that vitamin D in the fruit triggers nesting in the female bird. “We know that kākāpō breed in response to rimu fruiting; this result may tell us why, and help us identify which other trees stimulate breeding.”

“The next step will include measuring the vitamin D levels of adult birds during breeding, growing chicks and rimu fruit throughout the ripening process, to see if the vitamin D content changes over time, and with it, the levels in the birds”.

The Department of Conservation's Kākāpō Recovery Team is keen to build on this research. Dr Andrew Digby says, “This potential link between vitamin D in rimu fruit and kākāpō breeding is an exciting finding, and is a high priority for us to explore further. We have a collaborative programme in place to expand on this research in the upcoming breeding season, to further understand the link between vitamin D and kākāpō health and fertility.”

Date: 30/10/2015

Type: Research

Categories: Any

New Zealand lags behind Australia for HPV vaccination



A Massey University senior lecturer is calling for Pharmac to extend free Human Papilloma Virus (HPV) vaccination to boys using the improved vaccine Gardasil 9[®], in the hopes of creating a gender-neutral programme in New Zealand.

HPV is the name for a group of viruses that affect your skin and the moist membrane lining your body. HPV is a common and highly contagious infection, with more than three quarters of sexually active adults acquiring it at some time in their lives.

Dr Collette Bromhead from Massey's College of Health says that high-risk types of HPV can cause genital, oral and anal cancers in males, especially in men who have sex with men. She points out that while around 80 per cent of boys and girls in Australia receive the free HPV vaccine, only around 60 per cent of eligible New Zealand girls take up the free vaccine here. Australia, Canada, USA and the European Union have all approved the new Gardasil 9[®] vaccine, but it is still under consideration by MedSafe in New Zealand. *T a c a*

Dr Bromhead says, "The current Gardasil vaccine only protects against virus types 6,11,16 and 18 which are responsible for 90 per cent of genital warts and 70 per cent of cervical cancers. Gardasil 9[®] protects against a further five cancer causing HPV types, preventing approximately 90 per cent of cervical cancer, 90 per cent of HPV related anal cancer and 80 per cent of cervical pre-cancers worldwide.

"The benefit of using this vaccine in New Zealand is that women who receive it have further reduced risk of cervical cancer that screening may not be required, which would mean no more pap smears."

The Ministry of Health recently finished its public consultation on a proposal to change the current cervical screening test from cytology to HPV testing. Dr Bromhead says, "This change is necessary as the cytology test won't work as well in an HPV vaccinated population.

“The Ministry is also considering whether the vaccine could be delivered in two doses, compared to the three dose regime we currently use. It could save money, and mean more girls finish the vaccinations. Perhaps we could use the extra funds to get boys immunised?”

Dr Bromhead wants Pharmac to consider funding Gardasil 9[®] in the context of a gender neutral HPV vaccination programme for 11-13 year olds in New Zealand to bring our prevention strategy up to the same standard as Australia, Canada and the USA.

Date: 30/10/2015

Type: Features

Categories: Any

“Is it a world first?” and other flag quandaries



New Zealand's current flag, which voters will soon decide whether to keep or replace

Is our flag vote a world first? Should people rig the result by voting for their least favourite design, if they don't want change? These are among the ten most common questions asked of the Flag Consideration Panel. Now, panellist and Massey University Māori senior researcher Malcolm Mulholland is answering them

Mr Mulholland delivered his explanations in a speech to the Palmerston North Rotary Club today. He says it is timely to reiterate the many important issues surrounding flag selection, so that voters are well informed about the process and the design choices, as well as the significance of the exercise, before the first stage of voting later this month.

How many people know, for example, the traditional indigenous symbolism for the silver fern? It says when Māori traversed the forest they would leave the silver side of the fern facing the moonlight to provide a pathway home, Mr Mulholland explains.

Other queries from the public include; what do other vexillologists [flag experts] think; what do the top five designs really mean; and should the process be repeated if it doesn't result in flag change this time?



Four designs chosen by the Flag Consideration Panel

Vexing vexillology

The following are summaries of Mr Mulholland's responses to these, and other vexing vexillology queries:

- **Are you worried about the level of feeling in the debate?**

No, because it shows that we care deeply about what is arguably our most prominent symbol of nationhood. Whether we stay with what we have or we decide upon a new ensign, it is vitally important we get it right and that above all else we have an emotional connection to our flag. We need to remember that the purpose of a flag is to incite a strong sense of patriotism. Nationalistic fervour has its place and it should be demonstrated when witnessing your flag.

- **Is this a world first?**

Yes. No other country has ever embarked upon such a transparent and democratic process to select their flag. Some vexillologists say they would not be surprised if other countries in the future follow suit.

Some Australians are envious of the process. If we decide to change our flag then that will leave only two independent countries within the Commonwealth, Tuvalu and Australia, out of 53 nations that will still be using the Union Jack on their official ensign.

- **Why did the panel select the four designs they did?**

Every panel member saw every design, which numbered more than 10,000. They invited a number of cultural (including tikanga), Vexillology (the study of flags), and art and design advisors, to provide confidential technical feedback on the designs under consideration. These advisors focused on ensuring any proposed designs were workable and that there were no impediments in the choice of proposed designs. We believe a potential new flag should unmistakably be from New Zealand and celebrate us as a progressive, inclusive nation, connected to its environment, with a sense of its past and a vision for its future.

- **Do you agree with the Red Peak Design being included in the first referendum?**

It is a positive development as it offers another option for the voting public. It provides those with an appreciation of an abstract design an option in the referendum. This design also adheres more strictly to the majority of other flag designs that represent countries, which may explain why many people feel it looks 'more like a flag'.

- **What do Vexillologists think?**

In September I attended the International Congress of Vexillology in Sydney. It consists of the world's experts in flags, and assembles every two years to discuss all matters relating to flags. Much of the focus was on what we are doing. Vexillologist Ted Kaye was particularly intrigued with the process we embarked upon when it came to asking the public "What do you stand for?" By posing such a question, it provided the opportunity for the public to articulate what principles are important to our country and that those values might be reflected in our national flag. This is a process that, at times for many other countries, has been lacking when deciding upon their flags as they tend to be selected by legislation, royal or presidential decree, or by revolution. The final message vexillologists conveyed was that it is vitally important that people view a flag in reality, flying from a flagpole.

- **Are the eyes of the world upon us?**

Yes. The level of media exposure our country has had from the exercise has been colossal, with articles appearing in the vast majority of major international television networks, newsprint and radio. Having recently travelled to Europe, the first question asked by foreigners upon realising where I was from is what I thought about changing our flag. In conversations with Brits from London, opinions fell into two camps; one camp couldn't understand why we would want to get rid of the Union Jack after all England had done for New Zealand, and the other group couldn't understand why a country at the bottom of the South Pacific Ocean still used the Union Jack when we live thousands of miles away and hadn't had much to do with Mother Britain since the conclusion of World War II.



Red Peak design, which was added to the final four due to public demand

Flags in everyday life

- **Is a flag a logo?**

One observation I made during my travels of Europe is the love certain countries exhibit for their flag. England, Switzerland, Italy and Germany all took great care in flying their flags from their houses. They also use their flag as a marker of identity and on products sold that originated from their country. In every souvenir shop in London were products that had the Union Jack stamped all over them, be they an umbrella, a teddy bear or a replica of Big Ben. Similarly, Switzerland plastered their Red Cross on every box of chocolates, army knife and watch. This leads me to believe that the more a people connect with their national flag, the more inclined they are to use them in everyday life; from using the flag as a logo on products to displaying national pride in their own homes.

- **Should people 'rig' the vote if they don't want the flag to change?**

No, I don't think so. People should not dismiss their democratic right and have their vote disallowed by not completing their voting papers correctly in the first referendum. People who want to support the current New Zealand flag have the opportunity to do so in the second referendum. I would urge people to vote properly in both referendums.

- **Are we going to reach a consensus?**

No. There will be five alternative flags and only one can be the winner. However, given that the first referendum is preferential voting (it will ask you to rank the flags in order) that could mean that your second or third option might become the most popular alternative, rather than your first preference. The fact of the matter is that regardless of what referenda process is selected, there are going to be those who may not be happy with the outcome. For those who find themselves in this category I would encourage you to remember that this is the most transparent and democratic process for selecting a flag that has ever taken place and to ask yourself the question before the second referendum; "Would you rather stick with what we have or would you rather see the alternative option become our new flag?"

- **Do you think we will repeat this process if the flag doesn't change?**

This is a question that requires a crystal ball and no one knows the answer. However, consider this. What will happen if Scotland decides to vote for independence in another ten years? Much debate ensued during the Scotland Referendum last year about what would happen to the Union Jack if Scotland decided to part ways from the United Kingdom. Does that mean that all Union Jacks are to remove St Andrew's Cross? Would that mean that we would have to change our flag? The other reason why we might change our flag is if we become a republic.

In his speech, Mr Mulholland urges everyone to take part in discussions and voting.

"Whether we stay with our current flag or change it to the most popular alternative, it is important that everybody has their say. After all, this process is not only a national first, but a world first. This is quite literally, history in the making."

Read Mr Mulholland's full speech [here](#).

Date: 02/11/2015

Type: Features

Categories: College of Humanities & Social Sciences; Feature; Government Policy commentators; Maori

New Zealand agriculture attracts international interest



Some of the international students studying agriculture at Massey University, from left, Hanneke de Cook, Constanza Descalzi, Kristof Van Bouwel, Adrieu Koch, Joëlle Verdurmen and Linde den Hoed.

Massey University's agricultural offerings are attracting global interest, with students from the Netherlands, Chile, Belgium and France all currently studying and working as part of the Dairy 1 project and the International Sheep Research Centre.

The similarity between her home country of Chile and New Zealand was what attracted Constanza Descalzi to the university. The PhD student from the Universidad Austral de Chile studies how different grasses cope with low water availability and how this affects photosynthesis rate. The trip here was an opportunity to build on the work she had done back home and to foster her professional connections.

“Chile and New Zealand have similar farming systems and climates and therefore face similar challenges.

“I feel fortunate to be able to learn from, and work with, one of the top scientists in this area, Professor Peter Kemp [head of Massey's Institute of Agriculture and Environment]. He came to Chile every year for five years so I had a connection already.”



Kristof Van Bouwel gets out and enjoys a bit of New Zealand.

New Zealand opportunity for work and play

For Kristof van Bouwel, from the Netherlands, the opposite is true. “I’m interested in dairy systems and here the system is very different to the one in Europe. I wanted to come here because I didn’t know a lot about it.”

He works with Professor Nicolas Lopez-Villalobos and Dr Penny Back, both from Massey’s Institute of Vet, Animal and Biomedical Sciences, investigating which breeds of cow are most productive under the once-a-day milking scheme at Dairy 1.

“But this [visiting New Zealand] was on my bucket list already. It was a great opportunity to combine study and visiting New Zealand,” Mr van Bouwel said.

'Real world experience' a draw card

Final-year PhD student from the Netherlands Wageningen University, Hanneke de Cook wanted to gain real-world experience before completing her studies. Her research focuses on sheep and Wageningen’s strong connections with the university meant that New Zealand was an obvious choice.

Miss de Cook is studying as part of the International Sheep Research Centre, investigating lamb growth on different herb pasture mixes. Sheep handling, measuring pasture, taking blood samples and ear tagging are some of the skills she has learnt.

Her time at Massey University also allowed her to work on a number of the Massey Agricultural Experiment Station units, including the Riverside facility in the Wairarapa and on a Taihape farm.

“As well as working on my project, the best part of the experience for me was being able to help out on other projects. I’ve also worked in the feline unit, Dairy 1 and the other farms at Massey. You get to meet a lot of different people this way and learn about other research.

“We’re only here for what seems a really short time, so we’re living life to the max to see lots of the university and the country.”

This year, Massey University has more than 4000 international students enrolled.

Launched in 2013, [Project Dairy 1](#) is a 'living research farm' investigating competitive and responsible dairying. Projects range from sustainable nutrient management, once-a-day milking, and improving cow welfare, fertility and health, to engaging with community and industry. Dairy 1 is also a site for collaborative research, teaching and learning.

Date: 02/11/2015

Type: University News

Categories: Agricultural Experiment Station; College of Sciences; Explore - Agriculture/Horticulture; Horticulture

New head for research, academic and enterprise

An internationally recognised historian, with senior management experience in universities in Australia and in New Zealand has been appointed Massey University Assistant Vice-Chancellor Research, Academic and Enterprise.

Professor Giselle Byrnes has been the Pro Vice-Chancellor of the Faculty of Law, Education, Business and Arts at Charles Darwin University since 2011. She also held the role of Pro Vice-Chancellor (Community Engagement). Previously she held positions at the University of Waikato as Pro Vice-Chancellor (Postgraduate), Professor of History and Head of the History Programme.

Massey Vice-Chancellor Steve Maharey announced the appointment today, saying he was delighted to welcome an academic leader and an experienced university manager of Professor Byrnes' calibre to the University's Senior Leadership Team.

"Professor Byrnes has a commitment to advancing the agenda around equity and access, regional and distance education, and is a strong advocate for the critical role of teaching, learning and applied research in creating social, cultural and intellectual capital," Mr Maharey says. "She brings to this role a strong record of academic and strategic leadership, in both the New Zealand and Australasian higher education sectors."



Professor Giselle Byrnes

Professor Byrnes grew up in South Canterbury and Bay of Plenty, attended Tauranga Girls' College and completed a Bachelor of Arts in History and English and a Master of Arts in History at the University of Waikato. Her PhD in History is from the University of Auckland. Her thesis is entitled *Inventing New Zealand: Surveying, Science and the Construction of Cultural Space 1840s-1890s*.

She worked as a senior research officer for the Waitangi Tribunal from 1995 to 1997 and taught at Victoria University of Wellington from 1997 to 2007 in the History Programme in the School of History, Philosophy, Political Science and International Relations prior to her appointment to Waikato.

In 2006 she was Fulbright Visiting Professor in New Zealand Studies at Georgetown University, Washington DC. She has also served a term as New Zealand Historical Association national president.

She has an international reputation as an historian of colonial encounters and her publications are highly regarded. These include *Boundary Markers: Land Surveying and the Colonisation of New Zealand (2001)*, *The Waitangi Tribunal and New Zealand History (2004)* and *The New Oxford History of New Zealand (2009)*, of which she was editor. She has published numerous articles on various aspects of colonial, settler and Indigenous histories, in addition to public history.

She will join Massey in January.

Date: 02/11/2015

Type: Awards and Appointments

Categories: Any

The gene, the whaler, and 20 years of research



Associate Professor Kathryn Stowell (ONZM).

A genetic research screening programme led by Associate Professor Kathryn Stowell is saving the lives of New Zealanders suffering from a rare genetic disorder malignant hyperthermia.

The condition, known as MH, causes abnormal muscle contraction after exposure to anaesthesia, resulting in rigid muscles, a high temperature, unstable heart rhythm and, if untreated, can result in death.

At present it affects around 50 New Zealand families, but the research led by Dr Stowell from Massey University's Institute of Fundamental Sciences aims to provide an alternative anaesthetic against the rare, life-threatening condition.

People suspected to suffer from MH are traditionally subjected to a biopsy procedure, which takes a large chunk of tissue from the thigh – leaving the person with permanent scarring. A much less invasive procedure is taking DNA samples and looking for mutations in the ryanodine receptor gene.

The challenge Dr Stowell and her team face is that there are around 400 varieties of these mutations, with only 33 of those actually causing the disorder, and new ones being discovered every day.

Dr Stowell and her team were the first to discover a novel variant of the gene back in 1995. Now, they are investigating four other genes to look for new variants as well as conducting functional analysis – a technique which allows them to bridge the gap between a person having a gene mutation and actually presenting with MH.

“With advances in DNA technology, we're really at a point where we can make a huge difference. What's holding us back at the moment is a lack of funding.”

Interestingly, the disorder can be traced back to a whaler who landed in New Zealand in the 1840's and subsequently started a family in the Manawatū. Because of this, the incidence of susceptible MH patients is

high in the Manawatu-Horowhenua region – fortunately where Dr Stowell is based.

“This research is not only important for MH, but we're learning what makes cells tick, and what can go wrong. So our work is also applicable to a wider range of disorders.

The importance of her work has been recognised this year as she was made an Officer of the New Zealand Order of Merit. “It was like all my dreams had come true and I felt quite humbled and overwhelmed. It's recognition for a long period of time working very hard with limited resources.”

The research features on an edition of TV3 currents affairs show 3D.



Associate Professor Kathryn Stowell speaks to 3D reporter Paula Penfold. Click the image above to watch the full story.

Date: 02/11/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - HEALTH; Innovation; Palmerston North; Research; Research - Health and Wellbeing



Associate Professor and political commentator Grant Duncan

Three big political issues for 2015 start with 'H'

Three big political issues loom large this year – housing, housing and housing, says Massey University social scientist and political commentator Associate Professor Grant Duncan.

In his latest blog, much of which was discussed in a NewstalkZB interview this morning, Dr Duncan says the Government's biggest challenge – and potential vulnerability – is the supply and affordability of housing, particularly in Auckland and Christchurch.

Dr Duncan says that questions around New Zealand's national identity and security will also be highly important political issues for the government this year. The Anzac centenary and the first flag-change referendum (in late 2015, to choose from three or four alternatives) will lead to reflection on national identity, he says.

While these represent Key's "legacy" moment, they also link to the vexed issue of New Zealand's possible involvement in joining the United States and Britain in fighting Islamic State (IS) in the Middle East.

And he says the real battle between Prime Minister John Key and Labour leader Andrew Little has yet to play out – making it another pivotal issue on the political horizon for 2015.

"Most Labourites are probably just relieved that, so far, Little hasn't stuffed anything up," Dr Duncan says.

Click here to read the [full weblog](#).

Date: 02/11/2015

Type: Features

Categories: College of Humanities & Social Sciences; Explore - Planning; Government Policy commentators;

How to reduce soldiers' lower limb injuries



Chance Crawford-Nicholson (seated) undergoes strength-testing on the biodex under the supervision of senior lecturer from the School of Sport and Exercise, Dr Sally Lark, and (second from right) PhD candidate Major Jacques Rousseau, from the New Zealand Defence Force and his colleague Lieutenant Colonel Andrew Dunn.

Massey University and the New Zealand Defence Force are carrying out research to determine what causes the high number of lower limb injuries in army soldiers.

The New Zealand Army requested the study with a view to bringing down the number of lower limb injuries, which have a significant impact on the Defence Force with the loss of manpower and training and duty time. Injuries mean soldiers are unable to be deployed or may need to be discharged from service, and medical costs increase too.

The research is being carried out by Massey's School of Sport and Exercise senior lecturer Dr Sally Lark, Professor Hugh Morton, Major Jacques Rousseau and Lieutenant Colonel Andrew Dunn.

Major Rousseau, who is doing his PhD with Massey University in Wellington, is investigating the trends and causes of injury, and trialling interventions to reduce damage. He says the information will be vital for the Defence Force. "This research needs to be done. We can't have a contingent of soldiers unable to do their duty due to injury.

"Preliminary analysis shows a high number of all New Zealand Army soldiers report being injured each year. A significant number of these injuries are in the lower limb region of the body, and this rate has remained relatively unchanged over the last eight years. Regardless of many interventions over the years, (change of boots, introducing orthotics, change in some training practices), the statistics for lower limb injuries remain a consistently high proportion of all injuries sustained."

Major Rousseau says the exact causes are not yet known, but there is speculation the type of boot soldiers wear could be a problem. "Physical training regimes were also reviewed to see if they were addressing the

number of lower limb injuries. The research team is only just now able to start analysing the data on the causes, which is already indicating some promising results.”

Dr Lark is confident the team will be able to pinpoint the cause so they can begin to trial particular interventions. “It's been an important process to properly identify and examine the problem and not rush into any remedial initiatives. It's encouraging that the Army is engaging with research and are very pro-active where the health of our soldiers is at stake.”

The outcome for this research will impact on the policy for fitness at enlistment and training regimes of new recruits, boot types and physical training exercises. It will save the Defence Force money and enable it to take better care of their soldiers. This research has gained considerable interest from Defence Forces in Australia, Canada, and America, where they experience similar issues. Massey and the New Zealand Defence Force are leading the research in this area. The final phase of the research will be done as an international collaborative project with the Australian Defence Force.

Date: 03/11/2015

Type: Research

Categories: Home Page article; College of Health; Explore - HEALTH; Research; School of Sport, Exercise and Nutrition; Wellington

Book celebrates mid-20th century NZ design classics



*The Rinso washing powder packet 1950s, Lever Brothers (NZ) Ltd, Petone, an iconic image from life in mid-20th century New Zealand as depicted in Associate Professor Bronwyn Labrum's book *Real Modern*. Image from a gift by Mark Strange, 1990, Te Papa*

Associate Professor Bronwyn Labrum from Massey University's School of Design is celebrating the launch of her book *Real Modern*, which lavishly documents everyday New Zealand life in the 1950s and 1960s.

From Crown Lynn to Beatty Wringer washing machines, bonnet hair dryers and trips to the flicks, *Real Modern* tells the vibrant and varied story, with vivid imagery, of real day-to-day New Zealand life in an era rich in nostalgia.

"This book is all about ordinary people and ordinary life in post-war New Zealand," Dr Labrum says.

"It's a new way of looking at the 1950s and 1960s that reveals a richness and diversity of real people and real things in that period. Every New Zealander can see themselves reflected in the pages, telling a story about the way we lived then, which enriches the story of the way we live now."

"We think we know these decades because of the current popular focus on retro and vintage, and the way it's replicated in fashion, cafes and kiwiana memorabilia, but there was much more to those years, as my book shows."

Published by Te Papa Press, the book colourfully displays the fashion, fabrics, furniture and essential kiwiana of New Zealand at mid-century and places it all into a social and historical context.

The book takes the reader through daily life, from being at home, to getting around, going to work and school and shopping trends of the day. An avid collector of Crown Lynn and furniture of those decades, Dr Labrum was surprised and delighted by her finds.

“There are hand drawn and coloured paper doll garments, wigs and hair dryers and souvenirs from travel and royal tours, as well as objects associated with civic and community functions – all reflecting such a different world to now and also one so different to what we think about the recent past,” she says.

“These decades laid the basis for a very modern New Zealand, even though our society is a very different one now.”

Dr Labrum became interested in material histories and writing history through objects when she worked as a curator at Te Papa from 1996 to 2000. With a PhD in history, she has written widely about New Zealand's social, culture and material history. This book, her fourth, took more than five years to research and write while she also taught at Massey's College of Creative Arts.

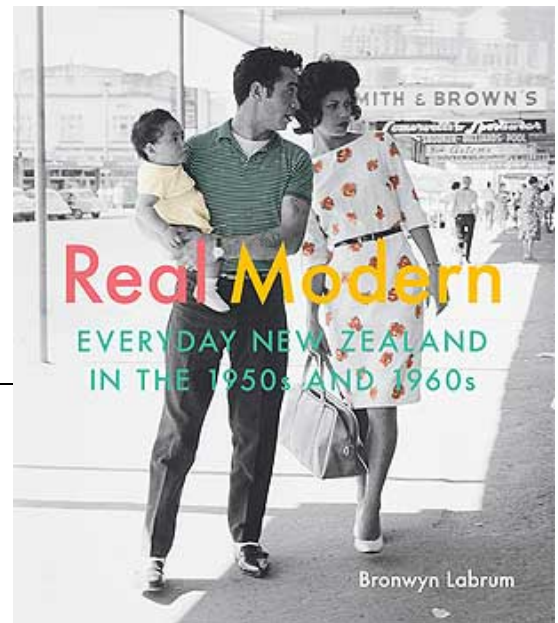
Date: 03/11/2015

Type: Research

Categories: College of Creative Arts; Creative Arts; National; Research - Design; Wellington



Associate Professor Bronwyn Labrum



Real Modern cover image

Opinion: Brave New World or Back to the Future?



People celebrating Back to the Future Day - but what does the future actually hold, asks Professor Richard Shaw

Last month right around the world a certain kind of person celebrated Back to the Future Day on October 21, paying homage to the second of the three Robert Zemeckis movies featuring flying cars, hover boards and self-lacing shoes.

Ironically, on that very same day we got a glimpse into a very different kind of future to that experienced by Michael J Fox, courtesy of *Robot nation? The impact of disruptive technologies on Kiwis*, a New Zealand Institute of Economic Research (NZIER) report commissioned by Chartered Accountants Australia and New Zealand. It examines the possible impact of disruptive technologies on the ways in which we work and interact socially in New Zealand.

The term 'disruptive technologies' was coined in 1997 by Harvard Business School Professor Clayton Christensen to describe innovations that enable the creation of new markets and new means of generating value. In doing, so they change the way things are done, socially and economically, in existing markets.

In recent years, for example, you'll have noticed how self-checkout stations and ATMs have dramatically reduced the number of supermarket checkout operators and bank tellers. It turns out that's just the beginning: the authors of the *Robot nation* report predict that nearly 50 per cent of jobs in New Zealand are at risk of automation within the next two decades.

Accounting for automation

While it may be the case that the entire workforce of cleaners at Auckland Airport stands to be replaced by just three robots, it's not just blue-collar workers who are at risk. Employees in the service sector (who comprise around 80 per cent of all employees in New Zealand) are also in the cross-fire. And not just those who provide administrative support in offices: more than 20 per cent of management positions and around

12 per cent of professional positions may no longer exist in 2035. Ironically, accountants themselves face an especially uncertain future: *Robot nation* estimates that all but two roles in accounting are at high risk of automation.

Clearly it's not all doom and gloom: as they displace some jobs those disruptive innovations will also create new ones. But the report makes it abundantly clear that in this new world of work, specific technical skills will not be enough (in fact, they may put your employment status at risk). Rather, people will need the sorts of "soft" – or transferable – skills that will help them navigate a working life likely to contain many jobs rather than a single career, and take advantage of new opportunities when the robots come calling.

Work, learning and life in age of rapid change

This poses some stiff challenges to all of us – ones that are being directly addressed at Massey and at other New Zealand universities. Perhaps surprisingly to some, the front line – and the locus of some of the most innovative curriculum redesign – is in the BA. Long (and incorrectly) dismissed in this country as lacking occupational relevance, *Robot nation* confirms the future value of the sorts of transferable skills long taught in the BA. These include critical thinking, problem solving, communication skills, and social intelligence, not to mention cross-cultural competence, tolerance and understanding of different viewpoints, and empathy – all of which count for much in our complex, multi-cultural society and globalized working environments. In fact, the report's authors warn against supporting occupationally specific skills and point out that jobs requiring these sorts of transferable skills are at *least* risk from automation in the future.

My own university – Massey – has already redesigned the curriculum of its BA in anticipation of the changes that are just around the corner. By doing, so we will ensure that our students are well placed to deal with the rapid change, uncertainty, unpredictability – and opportunity – that we know has arrived in the world of work.

At the same time we are doing something else that is perhaps even more valuable – we are preparing our students to be able to make sense of the consequences that these disruptive technologies will have for the way we live our lives. Because the thing about technology is that it has no impact whatsoever until it lands in the middle of a social context

The effects of the new technologies will not be equally distributed: the sharp end will be felt most strongly in certain low-paid occupations and out in regional New Zealand (which is already struggling).

So don't be fooled into thinking that *Robot nation* is only about the future of work. It isn't. The biggest service its authors have done is to challenge us all to think carefully about the future we wish for ourselves, our neighbours and our children, and to make the right choices without "losing sight of the essence of being human along the way".

Robot nation is really about our sense of who and what we are as a nation. This is not a debate to be left to the IT professionals – it's one we all need to grapple with. If we fail to do so, it will be more Brave New World than Back to the Future.

Professor Richard Shaw is Director – Bachelor of Arts (External Connections) and heads the Politics Programme at Massey University's College of Humanities and Social Sciences.

Date: 03/11/2015

Type: Features

Categories: College of Humanities & Social Sciences; Feature; Innovation; Opinion Piece

Creative storytelling breaks silence of dementia



John Allen with speech and language therapy student Alicia Posthuma

Former naval officer John Allen has dementia, but the memory book he is perusing with Massey University Speech and Language Therapy students has prompted the usually silent man to talk.

While the conversation might seem limited to an outsider, his responses and comments are a breakthrough, say Ben Matthews and Alicia Posthuma. They are in their third year of the four-year Bachelor of Speech and Language Therapy programme offered through the Institute of Education at Massey's Auckland campus.

Mr Allen, at Aria Gardens' Home and Hospital in Albany, is one of several individuals with dementia receiving regular visits from Massey's Speech and Language Therapy students as part of their training. They bring patience and empathy along with knowledge, skills and props (such as memory books) and other innovative communication techniques to break through the language and memory blocks caused by dementia.

Pictures that spark words

To create the memory book that is successfully engaging Mr Allen's attention, Ms Posthuma collected photos of Mr Allen – as a young Naval officer in the Royal British Navy and of his later life as a family man. She has added images of naval warships, and men in different naval uniforms in the hope these will trigger memories and words. They do.

Ms Posthuma makes comments and gently fishes for Mr Allen's thoughts on types of warships. His comments lead to other conversational tangents, such as 'what it must be like on board those ships'. And though it is a slow and painstaking process, he is able to offer his thoughts and recollections between pauses.

Ms Posthuma says it is important not to pressure a person with dementia with a barrage of questions. "Often people with dementia can't answer questions," she says. "Our work is about getting to know a person and

building a rapport with them. Often when they come to see us, they will open up quite a lot. They know we will listen and wait for a response.”

Another tool they use at Aria Gardens is TimeSlips, or creative group storytelling. Conversations are prompted by a photo or image to elicit a story. It might be partly true, partly made up. It doesn't matter, says Alicia. “With TimeSlips, there are no wrong answers.”



Mr Allen with Alicia and Ben Matthews, as they talk about Mr Allen's memory book

Creative storytelling to unlock memory and imagination

Annabel Grant, a clinical educator for Massey's Speech and Language Therapy programme, says the TimeSlips concept – founded by American dementia scholar Dr Anne Davis Basting in the late 1990s – provides a “failure-free environment for communication, which supports feelings of self-worth and encourages social connectedness.”

TimeSlips works by opening up storytelling to everyone by replacing the pressure to remember with the freedom to imagine, she says. “Residents become storytellers, and the students find that the level of social interaction and conversation increases during and after the sessions.”

It has enlightened students too. One told her; “my feelings towards people with dementia changed as the weeks we delivered TimeSlips progressed. I saw the creative sides of individuals come out and their ability to enjoy themselves.”

As TimeSlips creator Dr Basting says; “People with dementia are sewn into figurative straightjackets by institutions that tell them they are diseased, inappropriate, challenging, passive objects in need of care – ‘the living dead’. And somehow, a black and white picture, a marker, a flip chart, and someone asking them what they think and writing down their answers is enough to break those seams.”

As New Zealand's ageing population burgeons and with it, the incidence of dementia and Alzheimer's disease, the demand for trained professionals using these techniques to enhance the quality of life for the elderly will increase, says Mrs Grant.

There are currently just over 53,500 people with dementia in New Zealand – up from 40,746 in 2008, according to health statistics on Alzheimers New Zealand website. By 2050, it's expected the numbers will tip nearly 150,000 – about 2.6 per cent of the population.

Working with dementia patients is just one aspect of speech and language therapy, however. Graduates work across a wide spectrum of disabilities including babies and children with speech and swallowing difficulties; with brain-injured people and those recovering from strokes; as well as elderly people affected by memory loss, or loss of muscle control as in Parkinson's Disease.

Mr Matthews, who sought a new career direction after working as chef in Wellington, says he finds it rewarding seeing tangible effects and improvements in the elderly people he works with. "When you lose the power to communicate, you've lost an essential part of being human. I want to work as an advocate for the needs of people like John."

Find out more about studying Speech and Language Therapy [here](#).

Date: 03/11/2015

Type: Features

Categories: Home Page article; Applied Learning; College of Education; College of Humanities & Social Sciences; Feature; Student profiles; Uni News

Taupaki student wins top aviation award



This is a caption (Image caption style)

A former Liston College student has been named the top student at Massey University's School of Aviation. Nathan Manktelow, from Taupaki, was presented with the Outstanding Student Award for overall excellence in the Bachelor of Aviation programme at the university's recent Wings ceremony.

The event marks a student's completion of the flight-training component of the Bachelor of Aviation degree.

For many, including Mr Manktelow, getting their commercial pilot's licence, or 'Wings', is more significant than their graduation ceremony.

"The Wings brevet is a really important achievement for any pilot," Mr Manktelow says. "For me it is validation that, yes, I can actually fly an aeroplane."

Mr Manktelow, who also won the Air New Zealand Flying Award, says his achievement felt "pretty amazing".

"The rest of the Massey 61s [Mr Manktelow's class] are all just as good as me so I was a little surprised when they called out my name."

He says he went to the Whenuapai Air Show when he was a kid and has wanted to be a pilot ever since.

"I then attended the Walsh Memorial Scout Flying School, which only made me more interested in flying for a career."

Flying high at Massey's School of Aviation -- 1.47min version



See School of Aviation students in action.

Flying is like "holding onto a moving freight train"

Mr Manktelow says he'll never forget his first flight in one of Massey University's Diamond DA42 twin-engine aircraft.

"It's an experience I would compare to holding onto a moving freight train – but the feeling you get once you figure it all out is great."

With his commercial pilot's licence now achieved, Mr Manktelow says the next step is achieving his flight instructor rating.

"I get a lot of enjoyment out of passing my knowledge and experiences onto others," he says. "Eventually I'd like to fly an airliner internationally – but in my spare time I would still want to continue instructing."

Date: 03/11/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business; Explore - Aviation

Two Massey staff win Rutherford fellowships



Dr Libby Liggins

Dr Luke Fullard and Dr Libby Liggins have been awarded Rutherford Foundation New Zealand Postdoctoral Fellowships worth \$170,000 each to conduct research.

Dr Fullard, a lecturer from the Institute of Fundamental Sciences, will investigate the physics of granular materials, developing mathematical models for “liquid-like” granular flow and testing the models against experimental data. He will then find industrial applications and says the research has potential for other areas of science including understanding avalanches, landslides, volcanic flows or even traffic models.



Dr Luke Fullard

“Granular-like systems are everywhere,” he says.

“Advancing the understanding of such is a great challenge that I am excited to pursue. To be selected for this postdoctoral fellowship is a great honour, especially given the high calibre of applicants. He will work with Professor Clive Davies, from Massey's School of Engineering and Advanced Technology, and Dr Gert Lube, from the Volcanic Risk Solutions Group.

Dr Liggins, from the Institute of Natural and Mathematical Sciences, plans to investigate how the Australian long-spined sea urchin's range may be altered in response to climate change. In the past 60 years the species has shifted into northeast New Zealand waters, she says, and it has the potential to destroy marine ecosystems. She will use genomic analysis to characterise how populations change and which environmental changes may bring about these changes.

Nationally, just seven researchers to received the awards this year. Fellowships are available to those who have completed a doctoral degree within the past four years. Recipients get an annual stipend of \$75,000 plus \$10,000 towards research costs for two years.

Details of all the recipients are available on the Rutherford Foundation [website](#).

Date: 04/11/2015

Type: Awards and Appointments

Categories: Home Page article; College of Sciences; Institute of Natural and Mathematical Sciences

Hill country conference focuses on future



From left, Professor Nicola Shadbolt, Dr Janet Reid, Economic Development Minister and keynote speaker Steven Joyce, Professor Ian Yule and Professor Ralph Sims at the conference.

New Zealand's leading land management and agricultural science specialists met in Hastings last week to discuss the long-term sustainability of hill country farming.

The two-day East Coast Hill Country conference was organised by the Hawke's Bay Regional Council in association with Massey University.

More than 150 people attended and 30 speakers discussed topics ranging from governance to planning and "smart" agriculture.

Twenty-three Massey staff – four of whom were presenters – and postgraduate students attended the conference. They included Professor Nicola Shadbolt, Professor Ian Yule and Dr Janet Reid from the Institute of Agriculture and Environment, who spoke on farmer resilience, technology, and the challenges of managing the land and the communities that depend on it. Professor Ralph Sims, from the School of Engineering and Advanced Technology, presented on energy and climate-smart agriculture.

Dr Reid was impressed with the diversity of backgrounds and perspectives present at the conference. "This was really about setting the scene and getting input from all those involved, from farmers and local iwi right through to central government," she said. "The focus was on the future of our hill country and how we can influence this in a positive way."

The Institute of Agriculture and Environment has an extensive hill country research programme looking at ways to improve soil, water, and land management activities, while enabling sustainable production and conservation of these natural resources.

Date: 04/11/2015

Type: University News

Water rescue training for first responders



Rachael Stratton instructing Alicia Coupe from the Massey University Veterinary Emergency Response Team.

Massey University's Veterinary Emergency Response Team delivered a "swift water" rescue training course to local rescue teams in Otaki last weekend.

Members of the Wellington SPCA and Palmerston North City Council's Rescue Emergency Support Team were among the 18 participants.

Held on the Otaki River, it was organised by the Massey team and co-taught by Rescue 3 New Zealand.

The two and a half day course involved a day in the classroom covering case studies, rescue techniques, and hydrology. The theory was then put into practice on day two as participants took part in river crossings, defensive swimming, spinal rolls, and entrapment drills on the grade two river.

Assistant team leader Rachael Stratton says although the volunteer veterinary team are usually involved in animal rescues, it is vital that team members are trained to look after themselves and others in hazardous conditions. "They need to be able to self-rescue when assisting animals in these situations".

Mrs Stratton says the volunteer team of 14 respond to animals in emergency situations any time of the day or night. "The recent Whanganui floods highlight the need for more trained responders. Currently, no emergency service has the mandate for attending to animals in emergency situations, so that's where our specialist training comes in.

"And because we're trained to international standards for human rescue, the team can also be utilised for disasters involving humans."

The team had five new recruits taking part in the course and Mrs Stratton is training to be an instructor through Rescue 3 International.

The team is the first of its kind in Australasia and relies on donations and sponsorship through the Massey University Foundation to enable its full and ongoing function.

The Massey University Veterinary Emergency Response Team is a specialist team of veterinary staff trained in animal disaster management, technical animal rescue and veterinary treatment. Their capabilities include responding to local and national calls for individual animal rescue as well as national, and potentially international, disasters involving companion and production animals.

For more information please contact vert@massey.ac.nz.

Date: 04/11/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Sciences; School of Veterinary Science

Massey winners among 15 finalists at Women of Influence awards



Women of Influence winners, from left: Karyn Thompson, Vicky Robertson, Linda Jenkinson, Victoria Spackman, Joan Withers, Frances Valintine, Katie Milne and Stacey Shortall.

Two Massey University graduates featured among the 10 winners at last night's Women of Influence awards in Auckland.

Four Massey staff, 10 alumni and a member of the University Council were finalists.

Entrepreneur Linda Jenkinson (Bachelor of Business Studies 1984) won the Business Enterprise category and Karyn Thompson (Postgraduate Diploma in Arts 2005 and Master of Management 2011), a Colonel in the New Zealand Army, won the Diversity category.

The awards are a partnership between Fairfax Media and Westpac. Massey University sponsored the Global category, which was won by London-based lawyer, academic, director and strategic adviser Dame Judith Mayhew Jonas, a former adviser to the London Mayor and the first woman to chair the Royal Opera House and the City of London Corporation. Dame Judith was the United Kingdom's New Zealander of the Year in 2004 and is considered one of Britain's most powerful women.

Mrs Jenkinson was last year's winner of Massey University's supreme Distinguished Alumni Award, the Sir Geoffrey Peren Medal.

Professor Robyn Munford was one of eight finalists in the Public Policy category as was Alison Dewes (Bachelor of Veterinary Science 1988).

Associate Professor Robin Peace was one of eight finalists in the Innovation category.

Professor Claire Robinson was one of 11 finalists in the Arts and Culture category.

Dr Pushpa Wood was one of 20 finalists in the Community and Not for Profit category, as was Heather Laanbroek (Graduate Diploma Business Studies 2013).

Mahsa Mohagegh (PhD Science 2013) and Rebecca Jackson (Bachelor of Technology (Honours) 1996) were finalists in the Diversity category, won by Colonel Thompson.

Sophie Stanley (Bachelor of Business Studies 2009, Bachelor of Science 2009) was one of eight finalists in the Rural category and Sian Simpson (Diploma in Business Studies 2014) was one of eight finalists in the Young Leader category.

Massey University Council member Dr Helen Anderson was one of 12 finalists in the Board and Management category won by Joan Withers (who was also named supreme winner). Another Massey alumna, Sue Suckling (Bachelor of Technology 1978 and Master of Technology 1981) was a finalist in that category, as was Colonel Thompson. Mrs Suckling won Massey's Distinguished Alumni Achievement Award in 2012.

The Global category award was presented by Massey Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations Cathy Magiannis.

Eight of the 10 category winners were present at the awards dinner at the Sky City Convention Centre. Full details of the awards, finalists and winners are on the Westpac [website](#).

Date: 05/11/2015

Type: Awards and Appointments

Categories: Auckland; Awards and appointments; College of Business; Uni News

Dyslexia and Māori education shortlisted for awards

The Massey University author of a book on dyslexia says being shortlisted for an award adds weight to his submission to a Parliamentary Select Committee arguing that more help is needed for struggling readers.

Books by Professor Tom Nicholson and Associate Professor Jill Bevan-Brown, both from Massey's Institute of Education, are the only books shortlisted in the finals of the Copyright Licensing New Zealand (CLNZ) Education Awards' 'Best Resource in Higher Education' category.

The New Zealand Dyslexia Handbook (NZCER Press), which Professor Nicholson co-authored with Dr Susan Dymock, is the first New Zealand book dedicated to the issue of dyslexia. It comes with an accompanying DVD of interviews with parents of children with dyslexia, with the students themselves – and with their teachers.

Professor Nicholson says his shortlist nomination is “good timing for the book in that there's a Parliamentary Select Committee on the issue of dyslexia at the moment, looking into why there's not enough specialist help for these kids.”

He has made a submission to the committee arguing that there is “not enough help for disadvantaged readers full stop – whether in the dyslexia category or not. It's very sad to watch them slip through the cracks of the system when a little bit of money could save them.”

The book's blurb says it sets out to “de-mystify dyslexia and shows that there are many practical things classroom teachers can do about it.”

“It's an honour to be a finalist,” he says. “We are really grateful for this acknowledgement of our work, and grateful that our book on dyslexia is getting publicity, which will bring media attention to this huge area of need.”

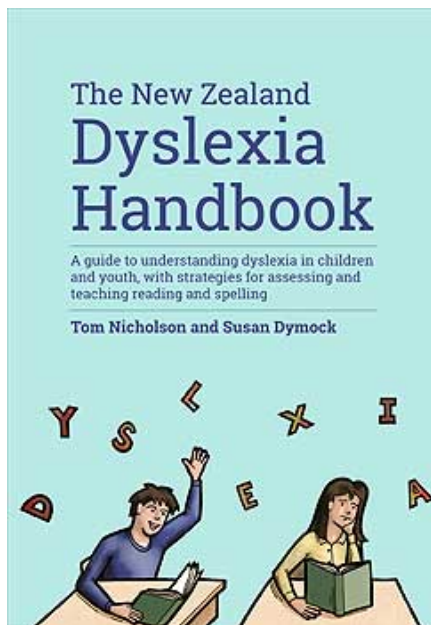
Dr Bevan-Brown's book, *Working with Māori Children with Special Education Needs: He mahi whakahirahira* (NZCER Press) – co-authored with Mere Berryman, Huhana Hickey, Sonja Macfarlane, Kirsten Smiler and Tai Walker – explores physical disability, intellectual disability, vision and hearing impairment, autism spectrum disorder, and giftedness from a Māori perspective.

It emphasises the importance of learning from the past and listening to Māori children, their parents and wider whānau, and explores the key components of culturally responsive, evidence-based, special education practice. Dr Bevan-Brown says being a finalist is “a pleasant surprise” to the authors, who are from five different universities and who all have both personal and professional experience of disability.

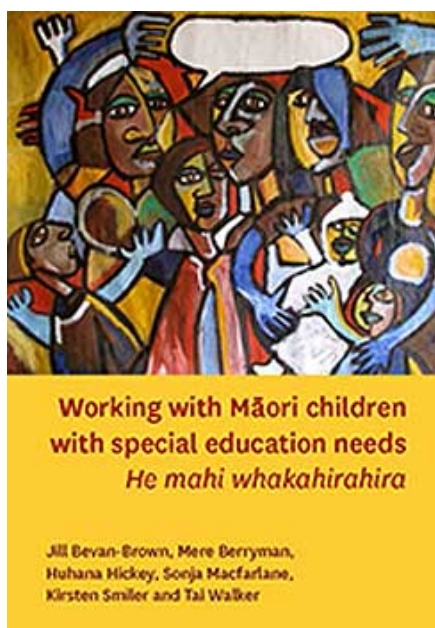
Winners will be announced on Thursday, 19 November in Auckland. For more information on other categories and nominees, click [here](#).

Date: 05/11/2015

Type: Awards and Appointments



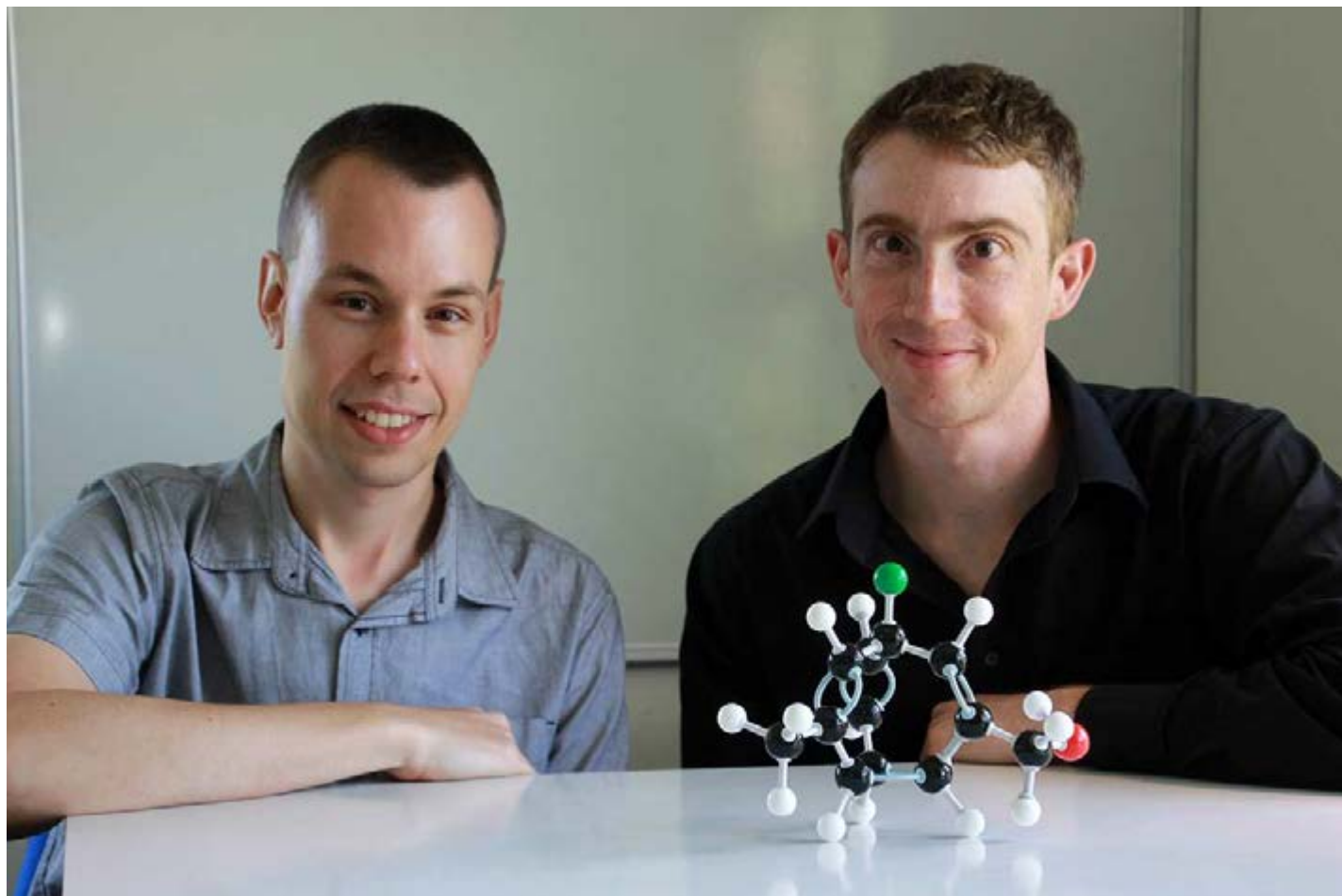
Professor Tom Nicholson's book



Associate Professor Jill Bevan-Brown's book

Categories: Awards and appointments; Book; College of Education; College of Humanities & Social Sciences; Teaching; Uni News

\$5.23m in Marsden funding for Massey researchers



Dr Thomas Fallon, right, has been awarded a \$300,000 Marsden Fund Fast-Start grant over three years to work with Dr Lukáš Pašteka.

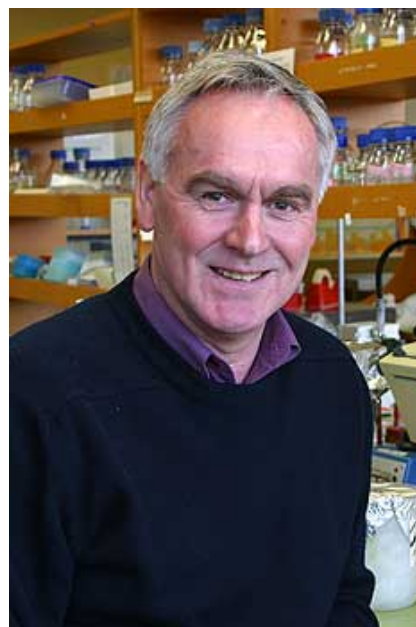
Nine Massey University-led research projects, ranging from New Zealand's "civil war" to understanding why birds are brightly coloured, have been selected to receive a total of more than \$5.23 million from the Marsden Fund.

Among the recipients is Institute of Natural and Mathematical Sciences lecturer Dr Thomas Fallon, who has been awarded a \$300,000 Marsden Fund Fast-Start grant over three years to investigate unusual molecules that constantly change their molecular arrangement.

Working alongside computational chemist Dr Lukáš Pašteka, Dr Fallon will investigate ways of synthesising fluctuating molecules. These molecules may adapt their arrangement to bind with other molecules. This research has the potential applied to developing new types of sensors or drug discovery tools.

Dr Fallon says he is delighted to be awarded the grant. "As an early career researcher, and a new lecturer at Massey, this is really encouraging and supportive. This will give us the resources to begin exploring this fascinating project."

They are among 92 successful projects allocated \$53.6 million in this year's Marsden Fund grants. The fund was established by the



Professor Barry Scott

Government in 1994 to support fundamental research.

Massey University's successful projects:

Professor Barry Scott, Institute of Fundamental Sciences: *A chemical cue for fungal-plant symbiosis*, \$825,000

The project investigates the chemical signalling mechanisms between epichloe endophytes and temperate grasses with the goal of better understanding what distinguishes a symbiont from a pathogen

Distinguished Professor Gaven Martin, New Zealand Institute of Advanced Study: *Modern analysis and geometry*, \$545,000

The project links central and active areas of modern mathematics; nonlinear analysis and low dimensional geometry and attacks longstanding important problems with wide application.

Dr Gert Lube, Institute of Agriculture and Environment: *Super-volcanic flows: are they just all hot air?* \$745,000

The project investigates why pyroclastic flows are amongst the most destructive phenomena on earth by modelling such flows in large-scale experiments.

Associate Professor James Dale, Institute of Natural and Mathematical Sciences: *Evolutionary drivers of ornamental coloration in male and female birds*, \$775,000

The project will test the signalling function of bright plumage in all 9903 species of birds to determine the evolutionary basis for bright colouration.

Dr James Richardson, School of Humanities: *The individual and the state in early Rome*, \$320,500

The project argues that the Romans' account of the origins and development of their city-state should be handled with considerable scepticism, and that its anachronistic nature means it may actually reveal something of later Roman political ideas and thought

Professor Marti Anderson, New Zealand Institute of Advanced Study: *Synergising ecology and evolution: discovering patterns of functional and phylogenetic diversity of New Zealand's marine fishes versus depth*, \$840,000

The project will measure functional traits important for locomotion, feeding and reproduction of New Zealand fishes compared to depth, using both museum specimens and unique in situ stereo-video footage.

Professor Michael Belgrave, School of Humanities: *New Zealand's Civil War*, \$580,000

The project will re-evaluate the world between Waitangi and the invasion of the Waikato. It will focus on the exchange of new ideas between Maori and non-Maori and between Maori and Maori across the country, exploring the extent to which a civil society was created or imagined which transcended the scattered European settlements and different iwi, allowing the wars of the 1860s to be seen as civil wars.

Dr David Hayman, Institute of Veterinary, Animal and Biomedical Sciences: *Unpacking infection spillover dynamics*, \$300,000



Distinguished Professor Gaven Martin



Dr Gert Lube



The research will model spillover effects of the Ebola crisis using a mathematical model of human, livestock and gorilla interactions from Uganda. *Professor Marti Anderson*

Dr Thomas Fallon, Institute of Natural and Mathematical Sciences: Molecular metamorphosis: new synthetic methods and design (fast start)

More information on each of the projects is available on the [Royal Society of New Zealand website](#).



Professor Michael Belgrave



Dr David Hayman

Date: 05/11/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Humanities & Social Sciences; College of Sciences; Innovation; Institute of Natural and Mathematical Sciences; National; Research

Female birds show their true colours



Birds display astonishing diversity of plumage colours. For example, males are more colourful than females in some species (top row, left to right: Baltimore Oriole, Red-legged Honeycreeper and Variable Seedeater). In many other species however, females look the same as males and have just as dramatic plumage (bottom row, left to right: Blue-winged Mountain-Tanager, Crimson-collared Tanager and Chestnut-capped Brush-finch). Image Credit: Bill Holsten.

Showy plumage in birds is not just for the boys, ecologists from Massey University, McMaster University, Canada, Monash University, Australia, and Max Planck Institute for Ornithology, Germany, have demonstrated.

Instead, certain social and lifestyle factors – rather than being male – could explain the bright colouration of a bird's plumage.

In some species, male birds are colourful, whereas their female counterparts are much browner or duller looking. This sometimes drastic split can be explained by classical sexual selection – a theory that predicts males benefit from colourful plumage by helping them outcompete other males to attract more females and produce more offspring. However, this theory does not so easily explain the bright colours shown by females in many other species.

In a paper published this week in the journal *Nature*, scientists analysed the colouration of nearly 6000 species of passerine birds – a group commonly known as “songbirds” – that include more than half of all bird species.

First, the researchers developed a new way of measuring colourfulness that indicated how ‘male-like’ or ‘female-like’ the plumage was in each sex of each species. This allowed them to measure whether males



Associate Professor James Dale

were more colourful than females, whether both males and females were drably coloured, or whether both males and females were colourful.

The measurements then allowed the researchers to identify the evolutionary drivers of elaborate colouration in both sexes. They found colour to be important for competition between individuals – not just between males, as sexual selection theory would suggest. In areas where females had to compete for resources or mates, or help defend their territory (such as in tropical areas or in monogamous species) they, too, were brightly coloured. When environmental or social pressures on females were relaxed, they lost their bright colouration.

Finally the researchers showed that although sexual selection does increase colouration in males, it actually has a greater effect in decreasing colouration in females. This demonstrated that a key evolutionary pattern was for colouration to *decrease* in females when it was not needed - the opposite pattern to what was previously thought.

Lead author on the paper, Associate Professor James Dale, from Massey University's Institute of Natural and Mathematical Sciences, says traditionally studies have focussed on male colouration, which left much of the variation in colour between species unexplained.

“A shortfall of the classical sexual selection theory is that it works so well at explaining colourful plumage in males that the rest of the variation is often forgotten about. Our research demonstrates that bright female plumage is also functional and very important.”

“This is also the first study to clearly show that tropical species are more colourful than birds from other regions on earth. This does beg the question about what exactly it is about the tropics that favours more colourful plumage. We suspect that competition is fiercer in tropical environments, but more research is needed.”

Dr Dale says the next steps are to see whether this trend is seen in other groups of birds and to evaluate the potential evolutionary costs associated with colourful plumage.

The full publication can be read here: <http://dx.doi.org/10.1038/nature15509>

Date: 05/11/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues; Institute of Natural and Mathematical Sciences; International; Research

Pasifika health seminar highlights trio of issues



The seminar aims to raise public awareness about the need in the Pacific Islands for more advanced health screening processes and facilities

Three crucial issues essential to improving the health of people in the Pacific Islands will be the focus of a seminar organised by Massey University and hosted by the Dutch Embassy later this month.

While November 11, Armistice Day, is traditionally a date to remember the fallen soldiers of World War I, organisers of the Pacific Health Seminar to be held on the same date, want seminar participants to also remember the need to acknowledge the challenges faced by Pasifika nations in achieving and maintaining good health.

Centre for Public Health Research director Professor Jeroen Douwes says on all three issues to be addressed by the seminar - cancer rates, pesticide use and training and education, Pasifika nations are lacking on information and the ability to offset their worst effects.

Dutch Ambassador Rob Zaagman says his Embassy also has a special interest in the issues as it is officially accredited to Fiji, Samoa, Kiribati, Tuvalu and Tonga.

College of Health Pro Vice-Chancellor Professor Paul McDonald will introduce speakers at the event including Professor Don Matheson, Centre for Public Health research officers Dr Tupa'ilevaililigi Ridvan Firestone and Dr Sunia Foliaki, Fonterra senior research scientist Dr Palatasa Havea and Ministry of Agriculture, Food and Fisheries deputy director Dr Sione Foliaki.

Professor Douwes hopes that the event may lead to a wider call to action from the international community to get involved in helping address certain health issues in the region that has not had the priority others have. A World Health Organisation non-communicable diseases action plan for 2013 -2020 proposes a series of targets including the reduction of 25 per cent of mortality from four conditions including cardiovascular disease, diabetes, chronic respiratory illnesses and cancer.

Dr Foliaki says the focus on cancer is particularly pertinent to Pasifika nations that lack both data and effective screening processes for prevention and control of the deadly disease. It has become the second leading cause of death in the majority of Pacific Island countries.

“There is little reliable data on cancer, and cancer registries in the Pacific Islands are either lacking or inadequate. But there is a need to identify how cancer is tracking in the Pacific and tailor research funding applications to that,” he says. “The lack of cancer registries makes it very difficult to identify causes for cancer and develop effective interventions.”

Also, without robust screening processes in place it is harder for Pacific health workers to diagnose cancer early hampering effective treatment and control.”

Similarly, pesticide use is another issue that requires urgent attention. Dr Foliaki says up to 80 per cent of deaths caused by pesticides happen in developing countries where many locals are not fully aware of what they're being exposed to or the potential health impacts.

Studies undertaken in other countries such as Mexico showed severely reduced neuropsychological development among children exposed unnecessarily to such chemicals, though it was still unknown how big an issue it is in the Pacific Islands.

Measures such as applying labels to pesticide containers in the relevant local languages as well as community education could help reduce the incidence of poisoning and other exposures to them; as could through appropriate research the use, presence and health impacts of pesticides in Pacific islands environments and communities.

Both he and Professor Douwes agreed that while the solutions were challenging, addressing environmental health issues, that also include respiratory illnesses like asthma, was less imposing than others affecting the region such as climate change which require solutions taken in other countries.

Many of the solutions lay with training and education, ranging from providing the funds for medical equipment such as lung functioning machines to managing and diagnosing respiratory disease.

Dr Foliaki has previously been involved with setting up cancer registers and asthma clinics in the Pacific but he and Professor Douwes stress there is a need to train locals more and encourage the emergence of international mentors for a new generation of health professionals.

“We need cooperation from international countries. If they can find funding for such issues then such a development becomes permanent and it's possible to make change,” Professor Douwes says.

Date: 05/11/2015

Type: Research

Categories: Home Page article; College of Health; Explore - HEALTH; Pasifika; Research - Health and Wellbeing

Horse owners want ban on fireworks sales



Postdoctoral student Gabriella Gronqvist led a study looking into horse owners attitudes to fireworks.

A survey conducted by Massey University equine specialists suggests 90 per cent of New Zealand horse owners oppose the sale of fireworks for personal use and more than a quarter report their horses suffering injuries as a result of being frightened by fireworks.

The survey, responded to by just over 1100 participants, found 79 per cent of horses were anxious or very anxious when fireworks were being let off. Anxiety-related behaviours reported included running, sweating and trembling.

Almost 38 per cent of owners reported that their horses had broken through fences and a quarter of participants reported that their horses had sustained injuries the owners believed to be associated with the reaction to fireworks.

On Guy Fawkes night this year more than half of participants plan to move their horses to paddocks away from where they expect fireworks to be set off – but a similar percentage (48 per cent) of those who used the management strategy in the past said it failed.

Lead investigator on the study Gabriella Gronqvist, from Massey University's Institute of Veterinary, Animal and Biomedical Sciences, says although the research is preliminary, it highlights an important issue for many companion animal owners.

“We really need to investigate this further but also take a serious look at the regulations around the sale of fireworks.”

Last week, a veterinarian who specialises in animal welfare and behaviour called for bans to be placed on the use of fireworks in New Zealand outside the four-day annual window for purchasing them, from November 2-5.



Date: 05/11/2015

Type: Research

Categories: Home Page article; Agricultural Experiment Station; College of Sciences; Explore - Agriculture/Horticulture

Museums and universities can learn from each other



Captain Cook makes his Approach from the West, from the Odyssey of Captain Cook, 2005 lithograph series by Marian Maguire (Massey University Art Collection Manawatū) - conference poster image.

Museums and universities have a lot to learn from each other but can sometimes inhabit parallel universes, says Massey University historian Associate Professor Kerry Taylor.

He hopes an Australasian conference in Auckland next week, which brings together humanities scholars and museum researchers from around New Zealand, Australia, Singapore and Canada, will spark new conversations and networks.

“People in academia and people in museums often tend to do things separately – there are a lot of missed opportunities for collaboration and sharing our knowledge,” says Dr Taylor, head of Massey's School of Humanities and director of the W. H. Oliver Humanities Research Academy.

Increasingly, historians are exploring cultural material as the focus of research, bringing them closer to the kinds of research done by museums, Dr Taylor says. He is currently researching the politics of protest in New Zealand through cultural material for a forthcoming book, and is examining banners, posters, badges, clothing and other paraphernalia of protest movements throughout the 20th century to the present day.

“I think it highlights that there is a lot of potential for young and emerging researchers to find new themes and ways of looking at history,” he says. Museums – both large and small – may have ideas and items worthy of further research by postgraduate students. Alternately, there are academic researchers whose projects may provide the basis for public exhibitions in museums, if stronger links can be forged, Dr Taylor says.

Cross-cultural and cross-disciplinary research leads the way

Other trends in humanities research to be explored at the conference, titled *Humanities Without Borders: Humanities across disciplines, cultures and regions*, include the contribution of indigenous research centres to scholarship and museums.

Cross-cultural and cross-disciplinary research developments are also adding to our increasingly complex understandings of history and culture, Dr Taylor says. Leaders from centres on Māori, Pacific and Australian Aboriginal culture, as well as colonial culture and migration, will be at the conference.

Around 20 humanities research centres and museums in total will take part in the November 9-10 gathering organised by the Australasian Consortium of Humanities Research Centres, held at the Auckland Museum and hosted by Massey's W.H. Oliver Humanities Research Academy.

As the consortium's first annual event in New Zealand, it signals a stronger, deeper and more collaborative relationship between universities, museums and the broader cultural sectors of both nations, Dr Taylor says

Highlights include a public talk by Dr Dean Oliver, Director of Research at the Canadian Museum in Ottawa, titled *The Museum of Canada: Public History, Re-imagined*, on the creation of the Canadian History Hall, a sesquicentennial project of the Canadian Museum of History, set to open July, 2017 to mark the 150th anniversary of the Canadian confederation.

He will also speak on *How to refresh a National Museum in the 21st Century*, the topic of a panel discussion with Dame Claudia Orange, Te Papa Museum's director of research, and Daniel Oakman, senior curator at the National Museum of Australia.

He will give his talk: *The Museum of Canada: Public History, Re-imagined*, at Te Papa on Friday, 13 November.

For more information on the conference, click [here](#).

Date: 06/11/2015

Type: Research

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Conference/Seminar; International; Research; School of Humanities; Uni News

NZ role in WWII death camp liberation revealed



The Risiera di San Sabba death camp in Trieste (source/Wikipedia)

The discovery was gold, despite the horror of the subject. Massey University Professor of War Studies Glyn Harper noticed something while visiting the Holocaust Memorial Museum in Washington DC in 2010 as a Fulbright Senior Scholar. It led him to a surprising revelation about New Zealand's role in the liberation of inmates from a World War II Nazi death camp in Italy.

Teaching a history paper on World War II this year was the catalyst to write about his discovery.

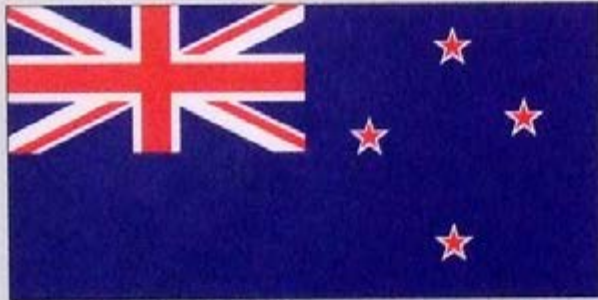
In an article published in the latest *Listener* magazine, Professor Harper describes the untold story behind the presence of a New Zealand flag among the liberation flags collection. The New Zealand flag is placed “at the extreme edge of the collection,” and is “almost invisible,” he writes.

It's presence, however, represents the significant role New Zealand troops played in the liberation of San Sabba, Trieste – the location of Italy's only concentration camp.

Known as the Risiera di San Sabba, in reference to the building's former use as a rice mill, it was established in Trieste in October 1943 by SS General Odilo Globocnik. San Sabba was primarily a transit camp, housing inmates for short periods before deporting them to the larger camps of Buchenwald, Dachau and Auschwitz. An estimated 25,000 people were deported from San Sabba and a further 5000 were murdered on site, Professor Harper says.

Gas vans were the primary murder weapon, “with SS guards playing loud music to drown out the screams. Inmates were also beaten to death or shot at a nearby firing range.”

Testimonies from San Sabba survivors, which he quotes in the article, include that of Carlos Skrinjar, who recalls; “The cries of men and women lasted up to three or even four hours. When one cry ceased, another followed it. This happened night after night. Near my cell there was a young curly-haired 18-year-old boy. I can't remember his name. His hair turned grey with fear in three days.”



NEW ZEALAND
San Sabba

The New Zealand flag in the Washington Holocaust Memorial Museum's 'Liberation flags' display

NZ troops capture Trieste and spark freedom for San Sabba inmates

In April 1945 around 20,000 troops from the 2nd New Zealand Division spearheaded a move into Trieste, where Yugoslav partisans were fighting. Before they arrived, San Sabba's remaining inmates were released and the Germans destroyed the crematorium and much of the camp to conceal their crimes.

The New Zealand soldiers were unaware of their role in liberating those imprisoned in San Sabba, but their arrival and capture of the city certainly saved lives, says Professor Harper. The Risiera di San Sabba opened as a memorial museum in 1975, and receives 100,000 visitors a year.

"New Zealand visitors can take pride in the part New Zealand played in bringing down an empire of evil," he says in the article. "The liberation of Trieste and the destruction of San Sabba does mark who we are, what we believed in and what we stood for. These things have not changed."

His discovery, albeit in a museum where many New Zealanders will have visited and possibly seen the liberation flag collection, highlights that there are still hidden war stories to be told. The significance of the event should see New Zealand's role at San Sabba added to our future war histories, Professor Harper says.

Date: 09/11/2015

Type: University News

Categories: College of Humanities & Social Sciences; Feature; Research; School of Humanities; Uni News

Mouthguard design eases detection of concussion



Spencer Buchanan's mouthguard design called Nerve that comes equipped with an inductive charging case.

Rugby may be over for another season but industrial design student Spencer Buchanan believes he has created a device that makes it easier to identify and manage concussions in the sport.

His prototype mouthguard *Nerve* features microelectronics, including motion sensors, within the middle layer of the design. The data received from the mouth guard is linked to a sideline iPad that accumulates the player's percentage of concussion risk based on an algorithm. It identifies where on the head a player has sustained an impact injury while also providing previous concussion history and pre-season baseline tests.



Spencer Buchanan alongside his display at the Exposure design exhibition

Mr Buchanan, who suffered several concussions playing rugby and snowboarding, says his design allows sideline medical staff to make more accurate decisions as to whether a player should continue playing on after suffering a head knock.



NERVE - Concussion Identification Management System

Spencer Buchanan

“My design picks up impacts missed by the human eye and transfers the data to side line staff,” he says.

01:31

“It allows the sideline doctor to rapidly decide with the benefit of accurate real time data if a player needs to come off the field for rehabilitation to minimise the possibility of second impact syndrome [multiple injuries in a game].”

Watch a short video about Spencer Buchanan's design.

His design is part of the annual Exposure exhibition of work by final year design students at Massey's College of Creative Arts, exhibiting now till November 21.

Mr Buchanan has been in contact with professional rugby doctors and a medical researcher who has had experience with testing wearable technology on players. They were interested and excited about his design.

“Wearable technology is an emerging trend in contact sport and this design adds something new to it.

The mouthguard is designed to be custom-made to fit the individual requirements of players and its microelectronics are laminated within the design to prevent any health and safety concerns too.

Mr Buchanan, who is originally from Warkworth, says treatment of rugby injuries has come a long way in recent years and he applauds measures such as the mandatory stand-down period for any player concussed.

“I love the game and it hasn't stopped me playing the game, I just think the issue of concussion could still be managed better.

“Clinical assessment over-rides any technology but this helps sideline officials and management make informed decisions.”

Date: 09/11/2015

Type: Research

Categories: Home Page article; College of Creative Arts; Creative Arts; FutureNZ - Tech; Research - Design; Wellington

Cultural connection helps protect against suicide



Dr Dr Jacqueline Gray, Margaret Kawharu, (Kaumātua) Hahi Walker

Cultural connection is being suggested as one way to reduce the high suicide rate among Māori and Pasifika youth. Visiting suicide prevention expert Dr Jacqueline Gray from the University of North Dakota says cultural programmes are being used with some success in the United States where suicide is the second leading cause of death for young American Indians - the first being accidental.

Speaking at a Māori Seminar at Massey University's Auckland campus, Dr Gray said the suicide rate was 3.5 times higher than the national average of deaths. She says the Indian Health Service is grossly underfunded meeting only 25 per cent of mental health needs.

Dr Gray says the complex contributing factors to the suicides were similar to those experienced in New Zealand and included cultural disconnection. She says other issues like poverty and cyber bullying were exacerbating the problem. "We had a recent situation where an online suicide pact between nine girls was discovered, unfortunately only after one had died."

Dr Gray, who is of Choctaw and Cherokee descent, says cultural programmes are being used with success but they need to be community driven, proactive and culturally informed. She gave examples of one programme that uses the cultural practices of Plains Indians to connect at risk youth with wild mustang horses, and another of a coastal tribe that puts youth alongside elders to build and launch a canoe. She says ancient healing practices such as sweat lodges, talking circles, purification ceremonies and even vision quests are being used to give youth a sense of cultural identity.

She says it's difficult to secure research funding from agencies demanding evidence-based practices. "It's hard proving you prevented suicide – what do you say, no one died?" But she urged indigenous researchers to continue working in the area because she says people who understand the culture of communities and are able to see what works are needed.

Date: 09/11/2015

Type: Features

Categories: Maori

Even a 'no frills' retirement requires extra savings



The Retirement Expenditure Guidelines help Kiwis to understand if they are on track for the retirement lifestyle they want.

The Westpac Massey Fin-Ed Centre has released updated Retirement Expenditure Guidelines to help New Zealanders plan for their retirement. The new report, which was developed in partnership with Workplace Savings NZ, shows there is a growing gap between the cost of living in retirement and New Zealand Superannuation payments.

The guidelines are based on figures from Statistics New Zealand's triennial Household Economic Survey, adjusted for the effect of inflation, and calculate what retirees currently spend to maintain either a 'no frills' retirement, or a more fulfilling 'choices' lifestyle that includes some luxuries. Costs are calculated for one and two-person households in both metropolitan (Auckland, Wellington and Christchurch) and provincial areas.

For example, a one-person household in a metropolitan area is currently spending \$489.77 per week for a 'no frills' retirement, while a single person living in the provinces is spending \$418.92 per week. The figures for individuals wishing to add some luxuries to their lifestyle are \$754.03 per week and \$782.02 per week for metropolitan and provincial residents respectively.

Do you want a 'no frills' retirement or one with choices?

"Given the current New Zealand Superannuation payment for a single person living alone is just \$374.53 per week, it quickly becomes apparent that retirees need additional income to survive," says Massey University's Dr Claire Matthews, the report's author. "That's even the case when spending is limited to the essentials, the shortfall quickly widens if you want a more comfortable lifestyle.

“When the guidelines talk about a ‘choices’ lifestyle, it’s not about being extravagant. It just means not having to watch every cent and being able to enjoy some treats from time to time – things like going out for a meal, not buying the cheapest cuts of meat, doing some travel, or going to the movies or theatre.”

Dr Matthews says only two-person metropolitan households can achieve a ‘no frills’ retirement with the standard rate of New Zealand Superannuation, which is \$576.20 per week for a couple. But couples living in the provinces, or those wanting a ‘choices’ lifestyle, will need additional savings.

Workplace Savings NZ executive director Bruce Kerr says he hopes the Retirement Expenditure Guidelines will assist people to “cut through that much-asked and somewhat scary question: ‘How much retirement savings is enough?’”

“The retirement savings industry focuses a lot of energy and money on the accumulation phase of the retirement savings journey,” he says, “but few providers remind their members that a lifetime of savings effort is really about providing an income in the period after paid employment.”

About the report

The Westpac Massey Fin-Ed Centre, or Financial Education and Research Centre, is a joint initiative by Westpac and Massey University that aims to improve the financial wellbeing of New Zealanders.

Workplace Savings NZ provides financial support to produce the Retirement Expenditure Guidelines. It is important to note that the guidelines do not represent recommended levels of expenditure but reflect actual levels of expenditure by retired households.

The **New Zealand Retirement Expenditure Guidelines 2015** can be downloaded at: <http://bit.ly/retirement-ex-guidelines-2015>

Date: 09/11/2015

Type: Research

Categories: Home Page article; College of Business; Fin-Ed

Chinese Army arts academy delegation visits



Members of the academy delegation with hosts from Massey University and Weta Workshop.

Members of China's People's Liberation Army Arts Academy visited Massey's Wellington campus last week to identify mutual areas of collaboration with the University and Weta Workshop.

The visit on Wednesday to the College of Creative Arts followed one made by senior members of the University to Beijing in June at the invitation of China's First Lady Madame Peng Liyuan, the academy's dean. She received an honorary doctorate from the University last year.

The academy is a multi-disciplinary arts college that offers tuition in programmes ranging from literature, fine arts, dance, drama and film.

The delegation also visited Massey's Auckland campus last week as well as Auckland Mayor Len Brown and the Auckland Art Museum.

In Wellington, they visited the Mayor, Celia Wade-Brown, held exchanges with Education New Zealand, the Ministry of Defence, toured Te Whaea (the National Dance and Drama Centre) and were guided by Sir Richard Taylor through Weta Workshop's Gallipoli exhibition at Te Papa.

Delegation leader Dong Bin spoke at the Wellington campus and had an opportunity to exchange ideas with the college and Massey's International Office.

Members of the Chinese delegation were hosted at the Wellington campus by senior college staff led by associate pro vice-chancellor (enterprise) Associate Professor Chris Bennewith.

College director of academic programming Associate Professor Rebecca Sinclair, presented an overview of programmes offered and college achievements.

Vice-Chancellor Steve Maharey says a very positive relationship has developed between Massey and the academy that will lead to an ongoing exchange of staff and students.

Date: 10/11/2015

Type: University News

Categories: International

Vote for staff reps on Massey University Council

Voting opened at noon today for the election of two staff members – one academic and one professional – onto the Massey University Council.

There are four candidates in each category. Permanent staff will be able to vote for one candidate in the category in which they are employed, academic or professional. Voting is online.

[Profiles of the candidates are on the voting website. Voting closes at at 4pm on November 30.](#)

The new Constitution for the Massey University Council was approved by Tertiary Education, Skills and Employment Minister Steven Joyce in July and comes into force on January 1, 2016. The two staff members will be elected for a four-year term commencing from this date.

The outcome will be known by the last meeting of the current Council, on December 4, 2015.

Date: 10/11/2015

Type: Internal Communication

Categories: Any

Are antibacterial products doing more harm than good?



As the problem of antibiotic resistance is debated around the world, a top New Zealand microbiologist says an antibacterial agent in many common household products could be doing us more harm than good.

Associate Professor Mary Nulsen says she's particularly concerned with an antibacterial agent called Triclosan found in many common household products such as chopping boards, soaps, toothpastes and clothes. "It is estimated that 1kg of Triclosan is produced for every 3kg of antibiotics and is so widely used it can now be detected in people's urine and nasal secretions.

"It has been argued that the mechanism of resistance to Triclosan is different from that of antibiotics but there is increasing evidence this is not the case."

Dr Nulsen says the widespread use of Triclosan is making us less safe. "When bacteria develop resistance to Triclosan it increases their resistance to antibiotics. Where previously household products like chopping boards might have been colonised with antibiotic-susceptible bacteria, they will now be colonised with antibiotic-resistant bacteria.

"It is time to recognise that we cannot get rid of bacteria and that antibiotic-susceptible bacteria are much less of a threat to our health than resistant organisms. We should still encourage good hygiene, for example, washing our hands with ordinary soap regularly to get rid of potential pathogens. But antibiotics are very valuable drugs which underpin many modern medical practices, and we should do everything we can to preserve them for future use when we really need them."



Dr Mary Nulsen receiving her 2015 Orator award, with the newly appointed President of the New Zealand Microbiological Society, Professor Richard Cannon, University of Otago.

Dr Nulsen highlighted her concerns at the New Zealand Microbiological Society Conference in Rotorua last week, where she received the prestigious title of 2015 Orator for her contribution to medical microbiology.

It is the highest honour awarded by the society, presented annually to a member who has demonstrated an outstanding contribution to microbiology in New Zealand.

Date: 10/11/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Health; Explore - HEALTH; School of Food and Nutrition

Italian job potential for textile design winners



C & C Milano chief executive Emanuele Castellini celebrates with textile design students Matisse Rendle-Mitchell (left) and Donn  Hallot who now have the opportunity to have their designs manufactured and distributed within the C & C Milano range of fabrics

Career prospects for three College of Creative Arts textile design students look set to be boosted thanks to a new partnership between Massey University and one of the world leaders in textile design and interiors.

The chief executive of Italian textiles company C & C Milano, Emanuele Castellini, was present last night for the awarding of prizes that will enable students Donn  Hallot and Matisse Rendle-Mitchell the opportunity to have their designs manufactured and distributed internationally within the C & C Milano range of fabrics.



Textile design student Kelly Finn (centre) who with Ms Rendle-Mitchell has won internships working with Rebecca Bowering-Fitzpatrick from Atelier Textiles (left) and Tracy March from Interweave.

The prizes, which Ms Hallot won for home collection design and Ms Rendle-Mitchell for textile design and worth a combined \$3000, were awarded for work that best captured C & C Milano's tradition of design innovation and timeless, understated style. All students enrolled in Bachelor of Design (Textile) were eligible for the competition.

With fellow textile design student Kelly Finn, Ms Rendle-Mitchell was also awarded internships at New Zealand luxury textiles distributors Atelier Textiles and textile manufacturer Interweave. The prizes were all presented at a function held as part of an industry evening at the College of Creative Arts.

Senior lecturer in textile design Dr Sandra Heffernan says the collaboration between the University and the C & C Milano is a first for Massey, providing a link between textile design students and the international interior textiles industry.

The design awards were inspired by a visit Dr Heffernan took to Milan last year where she met with Mr Castellini and identified differences between design in Italy and New Zealand.

“In Milan, the relationship between design, culture and manufacturing is seamless and the textiles industry works closely with its designers. These awards will help to replicate that design model in a New Zealand context and bridge any gaps,” she says.

Engagement with industry is key to third-year design students on the Bachelor of Design Textiles course. Nine third-year students have taken up this year's Whitiwhiti Korero weave paper design challenge. A large box of linen yarn sent from Italy was the inspiration for students who were tasked with creating a linen fabric by weaving a series of stripes - a C & C Milano hallmark – and giving it a uniquely Kiwi approach in their designs.

“Bush tracks, glamping and glimmers of light reflecting off the water or through foliage inspired the students' woven designs in muted, soft colours. Students embraced the textiles challenge as they realised this is an incredibly rare opportunity and an important first step in entering the competitive field of textile design,” Dr Heffernan says.

Date: 11/11/2015

Type: Awards and Appointments

Categories: College of Creative Arts; Creative Arts; Exhibition/Show; Research - Design; Wellington

Scientists know valid research - you can bet on it



Scientists have demonstrated the same principles applied to betting on sports events can be useful for determining the reliability of a scientific study. Image courtesy of Nathan Rupert.

An international team of scientists has shown how the ‘wisdom of the crowd’ extends to predicting how reproducible a piece of research is.

Researchers from Massey University, the Stockholm School of Economics, Harvard University and the University of Virginia have demonstrated the same principles applied to betting on sports events can be useful for determining the reliability of a scientific study.

Prediction markets allow investors to make predictions of future events by trading shares in the outcome of the event. The market price indicates what the crowd thinks the probability of the event is. Imagine, for example, shares that pay out \$1 for the All Blacks winning a match. This price changes, however, as more people bet on the event occurring. If such shares are traded for 60c it means that the traders give the All Blacks a 60 per cent chance of a victory.

Reproducibility is golden in science because to truly know whether a result is valid, it needs to be reproduced in the same way, over and over again. However a [recent study](#) highlighted that more than half of the research published in three leading psychology journals did not hold up to re-testing – that is, the findings could not be reproduced.

The researchers allowed other scientists to estimate, or ‘bet’ on, the reproducibility of more than 40 experiments published in prominent psychology journals. They found prediction markets correctly predicted replicability in 71 per cent of the cases studied.

The next step in the research is to test whether or not prediction markets are accurate forecasters for the reproducibility of results in other fields, such as economics and cell biology.

One of the lead authors and Professor of Computational Biology at the New Zealand Institute for Advanced Study at Massey University, Thomas Pfeiffer, says prediction markets work because people will inherently try and correct incorrect odds.

“Participants can pick the most attractive investment opportunities,” he says. “If the price is wrong and I'm confident I have better information than anyone else, I have a strong incentive to correct the price so I can make more money. It's all about who has the best information.”

The research was published today in The Proceedings of the National Academy of Sciences (PNAS). The full paper is available [here](#).

Date: 11/11/2015

Type: Research

Categories: Home Page article; College of Sciences; Research; School of Economics and Finance

Massey University 2015 Christmas cards

This year's Christmas cards are now available to be ordered online. Please note orders must be placed by 2pm on Wednesday, November 18.

The cards are all DL size and come with blank white envelopes so they can be hand addressed and personalised and are not confused with other business mail.

Options one and two are based on the University's "I AM" brand campaign and a third option is generic.

There are also options if you wish to include a Christmas greeting in your emails.

The card can be made with a standard greeting, a personalised greeting or no greeting.

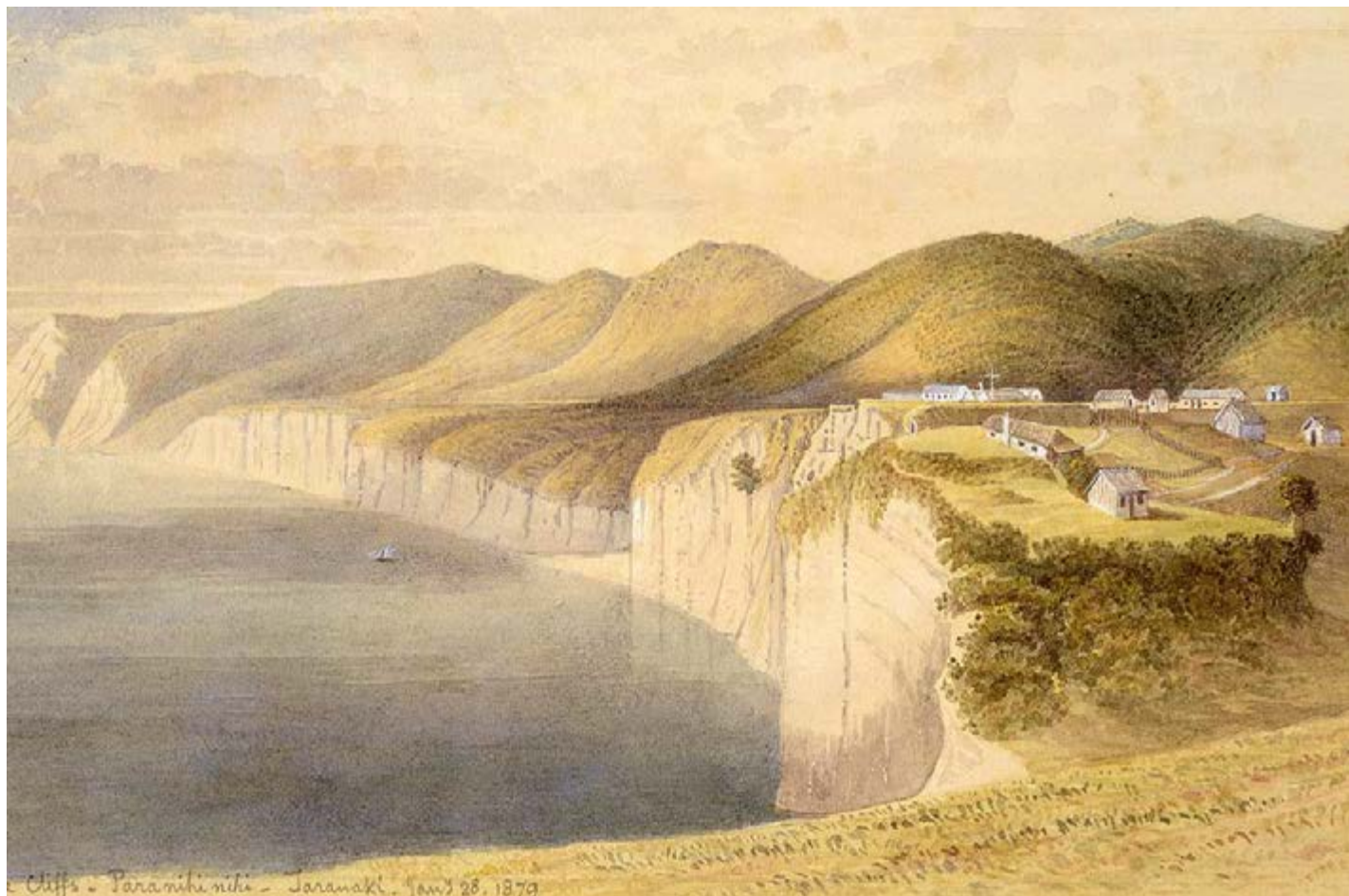
View the options and [place your order online](#).

Date: 12/11/2015

Type: Internal Communication

Categories: Any

Beyond bi-cultural model of Maori-Pakeha relations



*Professor Belgrave will discuss how events such as the killing of eight Europeans at Pukearuke in Northern Taranaki in 1869 – depicted in this 1879 watercolour *The White Cliffs, Paranihinihi, Taranaki*, by John Kinder (courtesy of Auckland Art Gallery) – can reveal much more than previously thought about the relationship between Māori and Pākehā in colonial New Zealand*

A public lecture by Massey University historian Professor Michael Belgrave will challenge the widely accepted bicultural template for understanding 19th century New Zealand race relations.

In his talk; *Face to face conversations on the edge of Empire* at Te Papa next Thursday, Professor Belgrave will explore the way that conversations between Māori and Pākehā in nineteenth century New Zealand allow more nuanced appreciations of the country's colonial past. These have been revealed through new digital sources like Papers Past at the National Library.

He says closer investigation of conversations between Māori and Pākehā settlers shows they ranged from the intimate to the formally diplomatic, and challenges the bicultural school of history, which emerged from the 1960s and has been reinvented in the work of the Waitangi Tribunal.

“They show race relations as dynamic records of interaction and engagement, aspects often overwhelmed by the desire to tell separate stories of New Zealand's history – making Māori and making Pākehā,” says Professor Belgrave, from the School of Humanities.

His lecture “builds on recent interest in the spaces in between these two worlds. Understanding the way dialogue occupied these spaces is crucial to developing new ways of understanding indigenous relationships with Empire.”

These interactions – and what they tell us – transcend the popular narrative that the two cultures remained steadfastly separate and untouched by each other, except when they were in conflict.



Professor Michael Belgrave

Beyond the 'fatal impact' approach

While not underplaying the devastating, destructive impact of colonialism for Māori, he says it is important to balance this with a deeper understanding of how Māori and Pākehā also drew on, learned from and benefited from engaging with each other. “We need to move beyond the ‘fatal impact’ approach,” Professor Belgrave says.

“Māori made choices about how they engaged with European ideas, religion and economy, according to their own priorities and not simply in response to colonisation.”

Ideas and knowledge on law, economics and Christianity were embraced and absorbed by Māori on their own terms, he says.

Professor Belgrave's lecture will touch on his major new research project, funded by a \$580,000 Marsden Grant, called *New Zealand's Civil War*.

The project will re-evaluate the world between the signing of the Treaty of Waitangi in 1840 and the invasion of the Waikato in the 1860s. It will focus on the exchange of new ideas between Māori and non-Māori, and between Māori and Māori across the country, exploring the extent to which a civil society was created or imagined.

“This transcended the scattered European settlements and different iwi, allowing the wars of the 1860s to be seen as civil wars,” he says.

The lecture commemorates the contribution of Bill Oliver, foundation Professor of History at Massey University, to the development of the humanities at Massey University and in New Zealand.

Public lecture: *Face to face conversations on the edge of Empire*

6.30pm, 19 November at Te Papa's Soundings Theatre, Wellington.

Entry is free.

Date: 12/11/2015

Type: University News

Categories: College of Humanities & Social Sciences; Maori; Research; School of Humanities; Uni News

Opinion: Local body politicians should fly their colours



The public would be better informed if local government candidates were more honest about their political affiliations.

By Dr Andy Asquith and Dr Andrew Cardow

Phil Goff's flirtation with the Auckland mayoralty continues apace. His latest incursion into the debate has been a Radio NZ interview, where he would have us believe that party politics are undesirable in local body activities. He'd like us to believe that as mayor, he could act above politics in the best interest of Auckland.

The problem with Mr Goff's views is that, while councillors may be 'independent', the *implicit* formal party involvement is essentially bordering on being dishonest. We also believe it is possible for the *explicit* involvement of political parties to raise the calibre of the candidates – and therefore the level of debate and the numbers of us actually voting.

Earlier this week we were informed that National Party figures are mobilising to form a new 'centre right' party to contest the Auckland council elections. Perhaps they have realised the public has worked out the 'code' and Citizens and Ratepayers no longer works.

Perhaps those standing for City Vision, closely identified with Labour, also need to change their name – although you could argue this metamorphosis has already begun, with four candidates for council identified as being 'Labour' in 2013. It is a little hard to believe that a member (or even a sympathiser) of either the National or Labour parties would become 'independent' once they were elected – shedding all their politically-ingrained values and beliefs.

Independence is a "fiction not helpful to anyone"

Local politics in New Zealand has for a long time followed the concept of independence. The image projected by the various candidates standing for local boards, energy boards, health boards and, of course, council and regional council positions have long attempted to distance themselves from national politics. Such projections are nothing more than conventions at best and subterfuge at worst.

To say that New Zealand local politics is devoid of party affiliation is quite simply absurd. Here in Auckland we have witnessed well-known National Party and Labour Party political operatives standing and winning seats under such headings as Citizens and Ratepayers (National at prayer), and City Vision (Labour in communion). It is hard to understand why the candidates do this in the first place.

Honesty in politics is not normally something that captures the attention of the public, but by hiding behind various 'constructions' candidates are being somewhat dishonest in their projection. Being clear in one's colours sends a greater message to the public.

It gives the public a definitive point of difference – and is much clearer for voters to follow than the bland candidate statements that often repeat the same clichés, irrespective of political affiliation. The converse argument – that people would be reluctant to vote for a Labour or National candidate on the basis that such people would not act in the interest of the region but that of the 'party' – is insulting. All it does is indicate the political bias of a candidate.

A few years ago we conducted research on this very topic. We interviewed successful mayoral candidates and council members. We asked them what was so important about 'independence'. The most common answer could be summed up as, "party members tend to vote as a block" – an astounding revelation.

In most council chambers around the country, including Auckland, councillors vote in blocks. Maybe the time has come for the candidates in local body elections of all types to declare their political biases. Instead of Citizens and Ratepayers try National; instead of City Vision try Labour. The fiction is not helpful to anyone.

Dr Andy Asquith and Dr Andrew Cardow are local government specialists with the Massey University's School of Management.

Date: 12/11/2015

Type: Features

Categories: College of Business

An engineered win at the Albany Lecturer of the Year awards



ASA Advocacy Co-ordinator Penny Lyall, 2015 Albany Lecturer of the Year winner Dr Fakhru Alam, ASA President Byron Brooks.



Big turn out for the 2015 Lecturer of the Year Awards



Associate Professor Ksenija Napan was

overwhelmed with her win

The Albany Lecturer of the Year award has gone to a College of Sciences academic for the fourth year running.

Dr Alam says the win was a huge surprise. "I don't mollycoddle the students, I am tough. These nominations show the students do care about humour, and they care about someone who wants the best for them. It doesn't matter if you are tough, because I am and I still won! When you are in the classroom at eight am and you have the whole class there, you know you are doing something right."

Event organiser and Albany Students Association Advocacy Coordinator Penny Lyall says this year there was a marvellous response for nominations, with votes coming from Manawatū and distance students who are being taught by Albany-based lecturers, under the mixed mode delivery.

"It's critical we acknowledge the efforts and commitment of the teaching staff, and give students the opportunity to say thank you."

Ms Lyall says there was a common theme in the nominations for Dr Alam. "From the volume of the nominations and the comments, it is clear he just has a ball teaching the students. He loves it and in turn they love it. He's engaged and impassioned, and so are they, so that really stood out for me."

Some of the comments sent in by students nominating Dr Alam included: "Awesome lecturer, the guy was born to teach", "In Fakhru we trust!", "He's brutal, but in a good way" and "The Man! Always has full turnout and is always a star".

One of the most excited winners was College of Health trophy winner Associate Professor Ksenija Napan. "It was so unexpected. I was embarrassingly over the top expressing my joy. It's awesome to be recognised for doing something I love. This will make me even more of a workaholic!"

Ms Napan says it means a lot to know her students enjoy her teaching style. "I teach in an inquiry mode, and students have a lot of freedom in expressing what they want to learn and how. I think I won because I really care about my students. I want them to be effective professionals, but remain good people."

Some of the comments made about Ksenija Napan by students include: "Heart of gold", "Such a great lecturer, gives her all to every class", "Very passionate about what she teaches" and "Best lecturer ever!"

Special mention also went to Mary Dawkins, the Programme Support Administrator at the School of Economics and Finance, who was awarded the ASA Appreciation Award, which is given to an outstanding general member of staff for their contribution during the year.

The Lecturer of the Year award is organised by the Albany Students' Association (ASA) and is based on nominations from students across the year. With a whopping 177 nominations this year, it's the largest number in the events 11 year history.

2015 Albany Lecturer of the Year

Dr Fakhru Alam

College Winners

Dr Fakhrul Alam – College of Sciences

Simon Cope – Massey Business School

Dr Warwick Tie – College of Humanities and Social Sciences

Associate Professor Ksenija Napan – College of Health

The inclusion of the Advocacy Accolades also recognises additional effort by lecturers that has been noted on campus.

Advocacy Accolades

Dr Brendan Moyle – The Flying Moa Award

Associate Professor Mark Henrickson – The Tane Mahuta Award

Associate Professor Helen Southwood – The Pavolva Award

Dr Gabriele Schmidt-Adam – The Pohutukawa Award

Professor Christoph Schumacher – The Bruce McLaren Award

Mark Werman – The Tom Scott Award

Dr Evelyn Sattlegger – The Vogel's Award

Dr Alona Ben-Tal – The Alexander Aitken Award

Dr Chris Galloway – The Bridge Award

Dr Rothman Kam – The Hot Pie Award

Dr Fakhrul Alam – The World's Fastest Engineer

Professor Anne de Bruin – The Kowhai Award

Associate Professor Sasha Molchanov – The Beehive Award

Date: 13/11/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Sciences; Teaching

Kiwi conservation starts young at Massey



Kiwi Conservation Club members Liana and Adi Singh-Homs, left, Dr Isabel Castro, Elsie and Sylvia Battley, Anna Wood and Eko the dog.

Fifteen budding conservationists got the opportunity to see what it takes to look after our most iconic bird, the kiwi, at Massey University yesterday.

Members of the Manawatū branch of the Kiwi Conservation Club (the junior division of Forest and Bird) met with one of the leaders of Massey's Behavioural Ecology and Conservation Programme, Dr Isabel Castro, to learn about the role universities and researchers play in conservation.

Pupils viewed video footage collected by Dr Castro's team outside kiwi burrows, which also features in a new documentary series by acclaimed British naturalist Sir David Attenborough. They heard about the research projects the ecology team are involved in and found out how the elusive nocturnal species is tracked, using telemetry (radio tracking).

They were then able to practice tracking kiwi with trainee conservation dog Eko, as they found samples of kiwi poo hidden around campus.

Dr Castro has been involved in native bird conservation research for 25 years – studying everything from predator distribution and parasites to the kiwi's mating habits and diets.

She said it is inspiring to see young people wanting to learn about the extraordinary bird.

Kiwi Conservation Club member Tyler Schicker said he had seen a kiwi before in a zoo, but seeing how they behave in the wild was totally new.

“They're really cool. My favourite video was the one where the two kiwi were chasing each other.”

Kiwi Conservation Club regional manager Sarah Galley said the visit was invaluable.

“I want the kids to get a really good idea of what scientists and universities do for conservation.”

Kiwi as you've never seen them | Massey University



Date: 13/11/2015

Type: University News

Categories: Home Page article; College of Sciences; Research; Teaching

Search launched for E Mervyn Taylor murals



Bronwyn Holloway-Smith who is researching the whereabouts of murals crafted by the late artist E Mervyn Taylor. Part of the mural work Te Ika-a-Māui is pictured in the background.

Massey University's College of Creative Arts is embarking on a quest to honour the memory of New Zealand artist, craftsman and designer E. Mervyn Taylor by undertaking a search for the thirteen known murals he created between 1957 and 1964.

A publicity appeal for information about the other missing murals, and a campaign to help rebuild and restore the artist's surviving work, amid calls for a register of all artworks of the era located in public buildings, is being launched by project director Bronwyn Holloway-Smith.

She is currently in the process of helping restore one of the few surviving murals.

The ceramic tile mural depicts Te Ika-a-Māui, the story of Māui fishing up North Island. It was commissioned by the New Zealand Government to mark the 1962 completion of the Tasman leg of the Commonwealth Pacific Cable (COMPAC) – a huge underwater telephone cable system that connected New Zealand to its Commonwealth allies in the aftermath of World War Two. The mural was originally housed in the COMPAC landing station in Auckland.

The mural was discovered in 2014, stored in cardboard boxes, as a result of Ms Holloway-Smith's PhD Research into the history of the Southern Cross Cable – a cable that COMPAC paved the way for.

Since then she has led efforts to meticulously clean and digitise the work, and has made colour-matched, full scale gouache paintings to fill the gaps left by sixteen missing tiles. The mural is now being returned to Auckland for its full restoration.

E Mervyn Taylor, who studied at Wellington Polytechnic - a forerunner of the College - also used carved wood panels, sand-blasted glass windows and paint to create his distinctive works made at the end of his career.

He was also known for his sculptures, painting and illustrations, and devoted his life to moving beyond colonial perspectives to create a distinctive South Pacific way of seeing the world.

That ethos is captured in the 13 large murals and building decorations scattered throughout the North Island including some still in their complete state at the Khandallah Presbyterian Church and the Otaki War Memorial Hall. The state and whereabouts of other murals remains unknown.

“Currently we have identified five works which are missing and potentially lost, two that are currently hidden - whether partially or fully, and six that are in good condition,” Ms Holloway-Smith says.

“I have also come across anecdotal mention of a fourteenth work that we have not been able to locate any records of. After many hours spent trawling through archival records we are now seeking the help of anyone who might have encountered these works in the past, and have personal recollection of them.”

“Members of the public, former building owners, people who worked in or visited the buildings, or architects and designers who have been involved in refurbishments over the years are all people who might know something about the fate of these works,” she says.

As the College of Creative Arts commemorates its 130th year in 2016, staff led by Ms Holloway-Smith as project director, are dedicating work to the research and recovery of Mr Taylor's abandoned murals.

“His work provides us with a fresh perspective on New Zealand history that hasn't necessarily been protected, but is essential in ensuring a more accurate understanding of what we represent as a nation,” she says.

To capture Taylor's distinctive language of art and design, Ms Holloway-Smith is researching, cataloguing and documenting the status of each mural.

“As an artist myself , it breaks my heart to think that these remarkable works – many commissioned for the people of New Zealand with public money – could have simply been lost and forgotten if the College of Creative Arts hadn't taken the initiative to step up and support this project,” she says.

College of Creative Arts Pro Vice-Chancellor, Professor Claire Robinson, says, a key part of the project is to raise awareness of the need to better protect and promote New Zealand's public art heritage.

“Part of the project will be not only seeking information about the missing Taylor artworks, but to form a list of other lost works of the period and begin a register of significant works that need protection,” she says.

The Great Mural Hunt:

Taylor's murals and building decorations were all completed for sites throughout the North Island.

Further **found** murals that are still in their complete state are located at:

- Khandallah Presbyterian Church
- Otaki War Memorial Hall
- Boardroom of Radio New Zealand House
- Masterton War Memorial Stadium Hall of Memories
- New Plymouth War Memorial Hall, Museum and Library (now Puke Ariki)

Two murals that are currently partially **hidden** are in what was formerly:

- the New Plymouth Post Office, and
- the Masterton Post Office

Still **missing** are the murals that were commissioned for the:

- Wellington CBD:
 - o National Mutual Life Assurance Building (153 Featherston St, now the Ibis Hotel)
 - o Cable Price Downer House (108 The Terrace)

- o NZ Meat Board Director's Room (L4/154 Lambton Quay, formerly Massey House)
- Hutt Valley:
- o Taita Soil Bureau Building (now the Learning Connexion)
- Wairoa
- o Wairoa Centennial library

One mural has been anecdotally reported as being at the St George Hotel (cnr. Boulcott and Willis Sts, Wellington). No further records of this work have so far been located.

Information or leads:

1. If you have information on a public work or mural by E. Mervyn Taylor the murals, contacts or leads of people who might know something please contact:

Bronwyn Holloway-Smith: b.r.smith@massey.ac.nz

2. Please use the same contacts above if you would like to register other significant works of public art that might already be lost or need protection.

Date: 13/11/2015

Type: Research

Categories: Home Page article; College of Creative Arts; Creative Arts; Research - Design; Wellington

Old and new flags at hoisting re-enactment



Malcolm Mulholland addressing Palmerston North school pupils at a flag-hoisting re-enactment ceremony

Palmerston North school pupils had a taste of the patriotic flag-hoisting ceremonies – once a regular feature of school life until the 1960s – at a historic re-enactment organised by Massey University flag historian Malcolm Mulholland.

Dressed in Victorian garb, Mr Mulholland delivered a lively overview of New Zealand's flag history at the event. It concluded with the hoisting of five alternative flag designs alongside the English Union Jack and current New Zealand flag outside Fonterra's Research and Development Centre.

Mr Mulholland wants locals to have the chance to see the five alternative designs that the public will vote on in two referenda later this month and next, after the Palmerston North City Council's decision not to fly them in the city square.

A senior researcher at Te Pūtahi-a-Toi (the School of Māori Art, Knowledge and Education) and a member of the Flag Consideration Panel, he says it is important for the public to see the flags "in situ, or in reality" before making a decision. "The flag designs look different flying from a flagpole than on paper."



School pupils marching in the flag-hoisting re-enactment

Flag ceremonies to stir patriotism for British Empire

Also dressed in Victorian-era clothing, pupils from Palmerston North's oldest schools re-lived the weekly ceremony to hoist the Union Jack and New Zealand flag – familiar to their parents and grandparents – to authentically scratchy recordings of *God Save the King* and *Rule Britannia*.

The flag-hoisting ceremonies were intended to foster patriotism to the British Empire "for God, King and Empire," Mr Mulholland explained.

The ceremonies were a response to a convergence of events related to the British Empire at the time: Queen Victoria's Diamond Jubilee (1897), the Boer War (1899-1902), the Death of Queen Victoria (1901), the New Zealand Tour of the Duke and Duchess of Cornwall and York (1901) and the Coronation of King Edward VII (1902).

The New Zealand Ensign Act for the creation of the current flag was passed in 1902 and introduced by Imperialist Liberal Party leader and New Zealand's longest-serving prime minister 'King' Dick Seddon.

Hansard Parliamentary records refer at length to the need to install patriotism amongst the school children, Mr Mulholland says.

"Our flag, designed by a British Naval Lieutenant and approved by a career British diplomat, represents the United Kingdom and the Southern Cross. Our flag is often confused with Australia's and reinforces the judgement that New Zealand is the 'Britain of the South Pacific'," he says.

He explained the meaning behind the five alternative flag designs, and demonstrated the indigenous symbolism of the silver fern – which appears on three of the designs. When Māori traversed the forest they would leave the silver side of the fern facing the moonlight to provide a pathway home.

Primary and secondary school students from Palmerston North Girls and Boys High, Intermediate Normal, College Street and Terrace End were involved in the re-enactment ceremony.

Mr Mulholland was prompted to organise the event to encourage young people to get involved in discussions at home and school in the flag selection issue.

"Voters have to remember that future generations of New Zealanders are going to inherit the verdict they will make regarding what flag will represent our country. I urge voters to talk about what the youth of today think about the current flag and the alternative flag options, and for that conversation to have some bearing on the decision they make on the ballot paper," he says.

The public will vote in the first postal New Zealand Flag Referendum between November 20th and December 11th, 2015. The second postal referendum will pit the winner of the first referendum with the current New Zealand Flag in March, 2016. The victor of that exercise will be the New Zealand Flag for the future.

Flag Raising Ceremony | Massey University



Date: 15/11/2015

Type: University News

Categories: College of Humanities & Social Sciences; Maori; National; Uni News; Video Multimedia

Increasing food value with novel technologies



From left to right: Distinguished Professor Linus Opara (South Africa), Professor Da Wen Sun (Ireland), Massey University Vice-Chancellor Steve Maharey, Minister for Commerce and Consumer Affairs Paul Goldsmith, Distinguished Professor Harjinder Singh (Massey University), Dr Dongxiao Sun-Waterhouse (University of Auckland), Emeritus Professor Errol Hewett (Massey University), Dr Amauri Rosenthal (Brazil).

In a first for the southern hemisphere, more than 100 eminent food scientists from around the world have converged on Massey University's Auckland campus to discuss how technology can increase the quality and quantity of food for the planet's burgeoning population.

Experts are attending the 9th CIGR Technical Symposium on *Creating Value from Bio-resources through Novel Technologies*. The main theme explores agri-food innovations using novel technologies.

It comes at an opportune time with the New Zealand government urging food companies to create new food products for export to meet global consumer demand and generate more revenue. Recently, the government called for the need to double food exports by 2025.

The symposium has been organised by Massey's Institute of Food Science and Technology's School of Food and Nutrition, and the School of Advanced Engineering and Technology. Other organisations include the University of Auckland, the New Zealand Institute of Food Science and Technology. The Ministry of Business, Innovation and Employment (MBIE) is a key sponsor.

The CIGR (International Commission of Agricultural and Biosystems Engineering) Technical Symposium is a first of its kind in the South Pacific. CIGR, established in 1930, is the largest international organisation in the global agricultural science and engineering sector, with Section VI specialising in bioprocessing of food and biomaterials, and in novel technologies for processing safe and high quality products.

Distinguished Professor Harjinder Singh is delighted Massey University has been given the opportunity to host the CIGR in New Zealand. "I look forward to the discussions and sharing information and knowledge at the conference. Massey University is a leading centre for agri-food research and education, and strongly contributes to enhancing New Zealand's strengths in production and processing of food materials."

Massey University Emeritus Professor Errol Hewett co-chairs the symposium with Dr Dongxiao Sun-Waterhouse, from the University of Auckland. He says, "The focus is to highlight the value that can be made available to food and health industries through unlocking abundant natural and produced resources through innovative science and technology. Adding value for businesses and consumers from raw materials produced on land, air and sea holds great potential for increasing exports, and minimising waste product streams by using sustainable environmentally friendly technologies is a key objective."

Dr Tony Mutukumira, senior lecturer in food technology at Massey University, and Professor Richard Archer from the School of Food and Nutrition have been actively involved in the planning and organisation of the event. Dr Mutukumira is also Secretary to the CIGR Food Safety Working Group.

He says, "This event underpins our academic curriculum on innovation and creating wealth. Our students are introduced to the importance of creating new products using innovative and smart technology early in their studies."

Key speakers include Professor Singh, Distinguished Professor Linus Opara (South Africa), Professor Amauri Rosenthal (Brazil), Professor Da Wen Sun (Republic of Ireland), Dr Matthew Croughan (USA), Geoffrey Bates, (Callaghan Innovation), Dr Max Kennedy (Wellington) and Professor Lynette Ferguson, (Auckland). Scientific papers to be presented will include novel research approaches and innovative engineering solutions for increasing sustainable production and improving the nutritional quality of raw materials and foods to add value and enhance human wellbeing and environmental benefits.

This is the 9th symposium in the series. The previous one was held in China.

For more information visit: <http://www.cigrvi.com/>

Date: 16/11/2015

Type: Features

Categories: Auckland; College of Health; Conference/Seminar; Explore - Agriculture/Horticulture; Explore - Food; Innovation; School of Food and Nutrition

Rena rehabilitation effective long-term



Little Blue Penguins recovering in a swimming pool after the Rena oil spill cleanup

Research from members of Massey University's Wildbase Oil Response Team has shown oiled birds that are rehabilitated are able to return to normal behaviours after an oil spill – findings which, the researchers say, justifies the costs of oiled wildlife response worldwide.

After the 2011 Rena oil spill in the Bay of Plenty, 383 Little Blue penguins were captured, cleaned, cared for and released back into a cleaned environment. Previous research had shown these rehabilitated penguins to have similar survival rates to other, unaffected birds in the area.

In the current study, published in the *Marine Pollution Bulletin*, scientists evaluated the foraging (diving) behaviour of eight rehabilitated birds using tracking devices and compared it to the behaviour of six unaffected birds.

They found both rehabilitated and non-rehabilitated birds were behaving similarly – diving to similar depths and in similar locations. By analysing the carbon and nitrogen levels in the birds' feathers, they were also able to show the penguins were feeding on similar prey.

Co-author on the paper, Dr Louise Chilvers from Massey's Institute of Veterinary, Animal and Biomedical Sciences, says it is also necessary to evaluate the behaviour of animals affected by oil spills, not just the overall survival rates.

“Oil pollution not only affects the larger animals, like the little blue penguins, but can have severe impacts on all levels of the food chain, from krill all the way through to fish. Obviously, an animal's ability to forage affects their long-term survival.”

This study, along with other research done over the last two years, indicates the birds are finding and eating enough prey to gain the nutrients and energy they need to survive and reproduce at similar rates to other populations of little blue penguins in Australia and New Zealand.

Dr Chilvers says this study justifies the need to continue supporting oiled wildlife response.

“Opponents of oiled wildlife response argue that rehabilitation is an expensive anthropogenic need to lessen the stress of oiled wildlife and has very little or no conservation value. This research shows rehabilitation and intervention is effective both in the short and long term.”

The full paper is available online [here](#).

Date: 16/11/2015

Type: Research

Categories: Home Page article; College of Sciences; Environmental issues; Wildbase Oil Response

Transforming games teaching and coaching



Dennis Slade, senior lecturer, Massey University School of Sport and Exercise.

Massey University Physical Education senior lecturer Dennis Slade is driven by a belief that learning how to enjoy and play games and sports well creates “positive social capital” and makes our world a happier and healthier place. It’s a message he’s been invited to deliver at the *Game Sense for Teaching and Coaching Conference* this week at the University of Canterbury.

Dennis Slade's expertise in the area of Teaching Games for Understanding (TGfU) is internationally recognised. He is often asked to deliver workshops for a range of sports. Last month he presented to Central Netball in Wellington on how to develop technique and tactical appreciation through games-based approaches.

Earlier this year, in an article published in *The Physical Education and Sport Pedagogy Journal* with Associate Professor Andy Martin, he challenged the traditional argument of technique versus tactical focused approaches, and argued that TGfU should be seen in a holistic experiential sense, providing sufficient opportunities for learning games.

Mr Slade is currently completing his PhD *Please sir, can we play a game? Transforming games teaching and coaching*. Dr Andy Martin, who is supervising the study, says, “Dennis' career teaching Physical Education in schools, as a regionally and nationally appointed hockey coach, and at Massey as a coach educator, has led to the development and promotion of innovative methods of learning through playing games in New Zealand.

“While there have been a plethora of TGfU studies published, Dennis' work provides unique insights from a practitioner perspective, with implications for transforming games teaching and coaching in New Zealand and internationally. His flexible approach involves modifying games while maintaining a representative learning design in order that the key elements of the sport targeted are not lost. This is achieved through employing both explicit and implicit learning strategies that empower learners to discover the tactics of games, as well as knowing what techniques must be acquired to implement those tactics.”

Mr Slade's most recent research on game-centred learning approaches used by international hockey coaches was published in *The International Journal of Sports Science & Coaching* this year. In July 2016, he will travel to the 6th International TGfU Conference at the German University of Sport, Cologne as an invited speaker.

In Christchurch, Dennis Slade will join other invited speakers, including former Flying Fijians head coach John McKee and Mitchell Hewitt, the National Coach Education Project Manager at Tennis Australia.

Date: 16/11/2015

Type: Features

Categories: Academy of Sport; College of Health; Conference/Seminar; Palmerston North; School of Sport, Exercise and Nutrition; Sport and recreation; Teaching

Mark Powell to become Massey's CEO-in-Residence



Head of the Massey Business School Professor Ted Zorn congratulates Mark Powell on his new role.

When Mark Powell hands over the reins at New Zealand's largest retailer at the start of next year he will take up part-time residence at the Massey Business School. The outgoing Warehouse Group chief executive will become the university's first CEO-in-Residence, a position that will see him serve as a liaison between the university and the business community, a guest lecturer, a mentor for students and a strategic consultant to the business school's executive team.

"I have always been interested in the connection between ideas and practice, and how one informs the other," Mr Powell says. "As Massey's CEO-in-Residence I hope to help bridge the gap between academia and business in a way that means important information flows both ways."

Pro-Vice Chancellor of the Massey Business School Professor Ted Zorn says the university developed a strong relationship with Mr Powell during his years at the helm of the Warehouse Group.

"Mark's support for our new Bachelor of Retail and Business Management was instrumental in its successful establishment and the Warehouse Group, under his leadership, has provided funding for research into key issues faced by organisations and workers," Professor Zorn says.

"We are extremely fortunate to have someone of his calibre joining our team, someone who understands Massey's goal of being an entrepreneurial university that is closely-connected to the business community."

Mr Powell, who was appointed Warehouse Group chief executive in February 2011, has worked at the New Zealand retailer for the past 13 years in various roles. But he says his role at Massey will have a much broader focus than retail.

"I'm sure I will be called upon to advise the retail programme but I come to Massey with a whole range of experiences, including logistics, supply chain management, strategy, organisational development and managing change.

"I can also help the university make connections because it's always a challenge to get access to data for research because of commercial sensitivities and to people because they are all incredibly busy."

He says he is looking forward to developing the CEO-in-Residence role in conjunction with the Massey Business School.

"This is a relatively new concept in New Zealand so I am going to take the time to really think through how I can best contribute. I want to investigate how universities overseas make the best use of their CEOs-in-Residence.

A CEO with four degrees and another on underway

Mr Powell is no stranger to the academic world with two bachelor's degrees and two master's degrees under his belt. He also plans to complete his third master's degree next year.

"I am a big believer in education – it gives you the confidence to ask questions and not be intimidated by experts," he says. "At the same time it gives you humility because you know there is always more to learn.

"Whatever challenge you are facing, there have been countless others who have dealt with that same challenge before. You don't have to start from scratch – you just need to know where to get the information you need and critically assess how it applies to your own organisation and situation."

Mr Powell says while he'll miss the people at the Warehouse Group, especially those in its many stores, he won't miss the daily intensity of a large corporate job. He intends to spend one-third of his time on business activities, which includes his work at Massey; one-third working in the faith-based non-profit sector; and the final third will be ring-fenced as personal development time.

"I'm looking forward to having some time to relax and take things at a sensible pace," he says. "I'll be busy but there will definitely be more time for family and personal growth, including further education.

Date: 16/11/2015

Type: Awards and Appointments

Categories: Home Page article; College of Business

Sir Geoffrey Peren building to re-open



The Sir Geoffrey Peren building's western entrance, the Auditorium and the stairwell.

The final touches of paint in the stairwells and a vacuum are all that is required to get the Sir Geoffrey Peren building ready for reopening on Massey University's Manawatu campus.

A blessing on Monday will be followed by College of Humanities and Social Sciences staff starting their move back in from Thursday.

Staff who have worked or studied in the 83-year-old Sir Geoffrey Peren building will notice the spacious, open hallways, and light and bright atmosphere.

The three-year \$17 million renovation has brought back to life many of the building's original features and provided seismic strengthening. "It's great that we've been able to restore this building to its former glory," project manager Brian Goldfinch says.

The dedication to restoring the original building design is most apparent in the Auditorium. Once a dark lecture theatre with tiered seating, largely closed off from the remainder of the building, it's now a grand function room filled with natural light. The flat floor and windows have been reinstalled, and a fantail frieze, only partially intact, was recreated by casting a mould of a small section. Similarly, two of the pendant lights that had gone missing over the years, were reinstated after a cast was created and the lights made from scratch.

Additional features make the Auditorium an ideal space for events, including seating for 50 on the balcony overlooking it, which is accessed from level three. A breakout function space on level two, along with a small kitchen, also supports the auditorium.

Where possible, space has been maximised in the building to suit people's needs. Double hallways on some corridors provide staff with easy access to colleagues' offices and meeting rooms, without interrupting the

flow of students between lectures. Most staff will retain a private office, but tutors have shared open-plan spaces on level two.

The former library has been transformed into a large open-plan area for postgraduate students to study, complete with quiet zones and a kitchenette.

There are seven teaching rooms in the building; the largest has capacity for 85 students. Facilities include projectors, large screens, document cameras, wi-fi and, hidden away in the ceiling, acoustic panelling ensures sound quality.

A large staff common room on level four offers expansive views north and west. Elsewhere in the building, there are several tea and coffee stations.

Much like the original floor plan, the building is laid out in a square. The offices, meeting spaces and classrooms are all on the outer, with the interior home to the Auditorium. To make navigating the building easier, each corner is colour zoned. In the yellow corner, for example, are subtle yellow accents in the carpet, yellow pin boards, and the corner offices have yellow feature walls.

Part of the restoration involved seismic strengthening and the installation of huge steel bracing. Normally structural features like this remain hidden in the wall cavities, however in many areas of the building the steel frames are partially exposed, symbolic of the significant upgrade and new strength of the structure.

One of the most special places in the building is the former office of Sir Geoffrey Peren on the ground floor. This will be decorated with heritage furniture and be a shared space for professors emeriti.

The refurbishment has ensured Massey's first building remains a symbol of the university's rich and diverse heritage. An official opening will be held on March 7.

Date: 17/11/2015

Type: University News

Categories: Palmerston North



Ideas of citizenship explored in Ka Awatea III



Director of the Human Rights in Education Trust Ced Simpson discusses education and citizenship

Schools are a microcosm of society and more needs to be done to encourage young people to be active citizens, according to a guest speaker at a forum on citizenship organised by Massey University's College of Humanities and Social Sciences.

Ced Simpson, director of the Human Rights in Education Trust in Wellington and former Executive Director of Amnesty International Aotearoa New Zealand, told the one-day Ka Awatea – meaning 'day break' – forum last week that with voter participation at its lowest point in 2011 since polling began in 1893, a greater focus on teaching civics in schools was needed to counter the decline.

He says the main issues to be addressed in determining the shape and purpose of civics education are; "What does citizenship mean in 21st century Aotearoa?" and "What should civics education comprise?"

With acute issues such as climate change facing humanity, it is more important than ever for young people to be involved in discussions, education and problem solving, and to encourage them to be actively engaged. While the New Zealand curriculum makes reference to citizenship, Mr Simpson says the approach is too ad hoc.

New Zealand ranks better internationally than many countries on the level of civics knowledge among children, but he says; "there is no strong, consistent view about kids and citizenship."

"The quality of the dialogue and discourse on citizenship is central to learning," he says.



A panel discussion with Professors Stuart Carr and Emma Kruse Va'ai, and Ced Simpson enabled the audience to explore notions of citizenship.

Citizenship across cultures and in other contexts

Another guest speaker Professor Emma Kruse Va'ai, Professor of English and Applied Linguistics at the National University of Samoa, explored citizenship in the Samoan context.

Other speakers at the third consecutive event in the Ka Awatea series were organisational psychologist Professor Stuart Carr, on the context of citizenship in the workplace and “global and local emphasis on decent work as a means of sustainable development.”

Professor Carr, from the School of Psychology, leads the multidisciplinary Poverty Research Group and is part of the Ending Poverty & Inequality (EPIC) research cluster.

Professor Chris Stephens, from the School of Psychology's Healthy Ageing Research Team, spoke on 'Citizenship and older people: Individual Responsibility for Staying Alive in the 21st Century.'

Professor Andrew Brown, a senior lecturer in history from the School of Humanities, discussed ideals of citizenship from late Medieval Europe, while criminal law expert Professor Chris Gallavin, Deputy Pro Vice-Chancellor for the College of Humanities and Social Sciences, provided a legal focus with his presentation; 'Access to Justice as a Right and not a Luxury of Citizenship.'

He said academics play an important role in highlighting changes that undermine access to justice. He noted several impediments to this, including a decrease in legal aid, and the cost of access to the judicial review process.

Ka Awatea coordinator and research director for the college, Professor Cynthia White, says the forum seeks to encourage and develop such cross and multi-disciplinary practice, “as a core part of our contemporary and future as researchers, and as those who provide new insights into our social and cultural worlds.”

Citizenship, both national and global, is the one of the overarching themes of a set of innovative new core papers being introduced next year into Massey's re-designed Bachelor of Arts degree.

Date: 17/11/2015

Type: University News

Categories: Home Page article; College of Humanities & Social Sciences; Conference/Seminar; Explore - Planning; Research; School of Humanities; School of Psychology; Uni News

Could earthworms help us understand rising infertility rates?



Earthworm sex

A Massey University study using earthworms as a model organism is investigating the impact heavy metals and pesticides could have on our genes, in particular on our reproductive systems and fertility.



Dr Michelle Thunders at Shanghai Jiaotong University with academic staff and students

Dr Michelle

Thunders, Director of Teaching and Learning for the College of Health has recently returned from a trip to China, where she is working with researchers from the Shanghai Jiaotong University (SJTU) to explore how heavy metal toxins, initially cadmium, can interfere with gene expression in adult and juvenile earthworms.

Cadmium is a heavy metal found in soil and previous research has described it as an 'environmental estrogen'. Environmental estrogens are potentially dangerous as they mimic the function of endogenous, or the body's own, estrogen and therefore may interfere with puberty or the reproductive system.

The research project plans to make use of rapid advances in next-generation sequencing and Bioinformatic analysis to look at the impact of such environmental toxins on gene expression.

The work contributes to a field of science known as ecotoxicogenomics, which aims to understand the link between the internal genome and the external environment. It will provide vital groundwork for future studies on how toxins affect both detoxification and reproductive functions.

Dr Thunders says, ultimately, her studies could be carried out on humans in a bid to unlock the puzzle of the increasing incidence of human sub-fertility.

“The aim is to develop new predictive models for identifying environmental hazards and their impact on human health and population effects.

Earthworms are sensitive to toxic chemicals present in the soil and so are useful as bio-indicator organisms. Selecting a model organism such as the earthworm to understand environmental regulators of fertility is pertinent for many reasons, including their short reproductive cycle, the fact they are hermaphrodite but breed sexually, they are easy to manipulate and an increasing body of genomic data is becoming available on this species”

She says the successful relationship between Massey University and the SJTU School of Agriculture and Biology is vital for a project like this one.

“We can share expertise and different approaches to the question. They also have an amazing lab and field facilities, and I was fortunate enough to see the experiments they are carrying out.”

Dr Thunders went to China with funding from Education NZ as part of a tripartite agreement led by Associate Professor Cory Matthew from Massey University's College of Science.

Date: 17/11/2015

Type: Features

Categories: Home Page article; College of Health; Feature

Student overwhelmed by AIMEs Award win



2015 AIMEs Award for Excellence in IT, Innovation and Science winner Sian Simpson receives her award from Massey University Vice Chancellor Steve Maharey.

Twenty-four year old distance student Sian Simpson says it was “mind-blowing” to win an award at the 2015 AIMEs (Arts, IT, Innovation and Science, Music, Education, Sport and Service to the Community) Awards.

Ms Simpson received the Massey University Award for Excellence in IT, Innovation and Science at a gala dinner in Auckland on Friday. Currently based between San Francisco and New Zealand, she is working for Kiwi Landing Pad and 90 Seconds, while studying a Bachelor of Business Studies in Marketing and Entrepreneurship.

The AIMEs awards are the innovation of the North Harbour Club, a group of local business people aspiring to help talented youth achieve even more. 2015 marks 20 years of rewarding youth excellence in the region.

Entrepreneur Sian Simpson says it was overwhelming to be included in such a talented group. “The talent emerging out of New Zealand, and in particular Auckland’s North Shore is phenomenal, out of this world.

“The prize is a lot of money, \$15,000, and if I have learnt anything, it’s that the more help you get, the easier life is. Many helping hands can be a powerful thing.”

Ms Simpson runs the Kiwi Landing Pad, a non-profit organisation in San Francisco, sponsored by New Zealand Trade and Enterprise and high profile New Zealand technology investors, entrepreneurs and corporate sponsors. It offers support to New Zealand technology companies that wish to expand into the US market.

“New Zealand businesses are fantastic. They are innovative and hungry, and creating amazing technology. I have learnt so much during my time in San Francisco, I enjoy taking NZ technology to the world and being

able to bring the knowledge home. Being able share it with other New Zealanders who are 'doing it' is incredible.”

But as if full time work and study isn't enough, she is also helping some of Massey's community establish a Student Entrepreneurship Club.

“Entrepreneurs are part of an ecosystem, which changes and grows the more that feed into it. They create exciting opportunities and as a result the pipeline of entrepreneurs and technologists increases. Students from the club can go one of two ways – be snapped up by a corporate businesses for intrapreneurship [internal entrepreneurship], or start their own. Either way, they can be a big part of putting New Zealand on the map.”

So how does she fit it all in? “Working in the same industry as my studies really helps. Your experience comes out when you are writing assignments or studying, so you can draw on everything you do on a daily basis. You also just have to do it and embrace how full life gets. This builds strength and resilience. When someone like Sam Morgan tells you to ‘be sticky’ and ‘committed’ you definitely take that on board.”

Chair of Judges and Massey University Albany Campus Registrar Andrea Davies says the depth of youth talent emerging from the North Shore is amazing. “Every year we think we've reached a pinnacle, but we continue to be impressed. It's a very humbling experience to be involved with such talented youth. New Zealand punches well above its weight on the global stage and the pride these young people have in both the North Shore and our country is fantastic.”

Date: 18/11/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Business

Writer's climate change play goes global



Associate Professor Elspeth Tilley's play Flotsam deals with the issue of rising sea levels and climate change refugees

A short play highlighting a Pacific perspective on climate change is being staged at theatres in the United States as part of a global theatre movement leading up to a major conference in Paris later this month.

The play by Associate Professor Elspeth Tilley, a theatre lecturer in the School of English and Media Studies at Massey University's Wellington campus, is called *Flotsam* and focuses on the threat of rising sea levels on vulnerable Pacific nations. It premiered at the only New Zealand event in the global Climate Change Theatre Action project earlier this month at Massey's Wellington campus.

Since then, *Flotsam* has been selected for presentation in at least eight theatre venues in New York, Washington, Chicago and Virginia.

The play is based on the real-life case of a man from Kiribati who was declined status as a climate change refugee in New Zealand. It is about a woman whose job it is to assess climate change refugee applications. Her daughter, who is following the issue on Facebook, is less than impressed by her mother's decisions. They argue over the definition of a refugee in the era of climate change while the woman remains oblivious to the closer threat of rising sea levels to her glamorous beachfront home.

Dr Tilley says she is "excited and honoured" her work was selected as one of 50 official climate change theatre action plays curated by the New York-based organisers, Climate Change Theatre Action. It is a partnership between three international creative activism non-governmental organisations: Theatre Without Borders, The Arctic Cycle and No Passport. Together, they are a registered part of Artcop21, the official worldwide cultural programme of the United Nations Climate Change Conference in Paris later in November.

She says each of the 108 [theatre action] events worldwide has total freedom as to which of the 50 plays they present from an online repository – of which Dr Tilley's is one. A link to the repository is given to all

participating directors.

“I feel very honoured to have *Flotsam* picked up by the Institute for Excellence in American Contemporary Theater, and directed by Matthew Clinton Sekellick, who is an award-winning New York-based experimental theatre director.”

Snapshot of different ways to think about climate change

Her play is just five minutes long in keeping with the project's brief. “The idea is that around the world each venue presents a snapshot of different ways of thinking about climate change through a selection of short plays,” Dr Tilley says.

Flotsam is scheduled for presentation at the following venues:

- Institute for Excellence in American Contemporary Theater in New York, on December 1 (Directed by Matthew Clinton Sekellick who is an award-winning New York-based experimental theatre director.)
- Ashland, Virginia, by the Randolph-Macon College Acting and Directing students in the Theatre Arts Program, on November 20
- University of New Hampshire in collaboration with the Union of Concerned Scientists on November 19
- Jackalope Theatre Company, Chicago, on December 13
- C.W. Baker High School, Baldwinsville, New York, on Mon, Nov 30
- The Den Theatre, Chicago, on December 8
- Part of Climate Change Theatre Action readings at Carnegie Mellon University School of Drama, Pennsylvania, on November 16
- Part of Western Washington University's Advanced Playwriting Classes, on November 17th and November 24th.

The Massey University November 1 *Waves* event, which showcased a series of short plays and readings about climate change, also included the world premiere of a new short play, *Mōrehu and Tīrī*, by award-winning Vancouver-based Māori playwright David Geary.

Dr Tilley, who produced and directed *Waves*, says it offered audiences some creative perspectives and solutions for what is often defined as the most pressing issue facing humanity.

“Students at Massey are learning about creative activism through our innovative papers such as *Creativity in the Community*. I think it's important to model what we teach, so I jumped at the chance to write and direct for *Climate Change Theatre Action*,” she says.

Date: 19/11/2015

Type: University News

Categories: Home Page article; Applied Learning; College of Humanities & Social Sciences; Creative Arts; Environmental issues; Joint Centre for Disaster Research; Teaching; Uni News

Massey to participate in UniForum

As recently highlighted in Vice-Chancellor Steve Maharey's e-log, Massey will be joining 19 New Zealand and Australian universities in the UniForum programme.

UniForum is a multi-year benchmarking study. The study will help identify where participating universities need to invest in order to meet current challenges to secure future opportunities.

The primary data collection will provide insight into how to provide resources for activities and services that support teaching and research programmes to maintain academic excellence.

The information will be valuable to ensure informed choices are made about building capabilities that ensure teaching and research programmes are supported with efficient and effective administration and support services.

Participation in the UniForum programme has been approved by Mr Maharey and the Senior Leadership Team. Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations Cathy Magiannis is the executive sponsor.

The data collection will be supported by Cubane Consulting through its UniForum programme (see www.uniforum.co). Cubane has developed the UniForum programme for universities over the past six years with studies in many Australian, New Zealand and British universities.

Massey will work with the other universities in the programme to understand how its approach to delivering support services is the same or different and what could improve the provision and resourcing of the services.

"This is an important strategic initiative for the University and, as such, is part of our strategic plan for the next five years," Ms Magiannis says. "A small number of you will be called upon to contribute data to the collection describing how we resource our administration and support services. If you are one of these people, I encourage you to provide your full support. This will have a small impact on your time but be highly valuable to the programme. I thank you in advance for your contribution."

For further details see the UniForum website or contact the programme manager, [Carolyn Dimond](#).

Frequently asked questions about UniForum

What is UniForum?

UniForum is a multi-year benchmarking study. A web based "General Staff Activity Survey" will collect information on the activity and function of general staff, and the information collected is used to benchmark against other participant universities.

Participation in this project has been approved by the Vice-Chancellor and the Senior Leadership Team. The Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations - Cathy Magiannis is the executive sponsor.

When will the study take place?

The data collection will commence in February next year. Some key staff members may be required to attend workshops in November/December this year. These staff will be contacted directly by the Massey UniForum Project Team. Final results are expected to be available mid-2016.

Who completes the survey?

The general guideline is that whoever performs your PDP will respond on your behalf.

Which other Universities are involved?

Queensland University of Technology, University of Auckland, Griffith University, Royal Melbourne Institute of Technology, University of Otago, Australian National University, University of Melbourne, Monash University, University of New South Wales, University of Sydney, Flinders University, Victoria University of Wellington, University of Adelaide, University of Western Australia, University of Newcastle, La Trobe University, James Cook University, Murdoch University and Edith Cowan University.

Universities that form the Russell Group in Britain have recently joined this project.

Why are we involved in UniForum?

1. To provide us with information to assist in addressing the Vincent Report recommendations

The current shared services model was introduced in 2011/12 with the objective of providing efficient, effective and consistent support structures for academics and students. One of the recommendations from the Vincent Report was that Massey should undertake an assessment of how well the shared services model is achieving its intended objective. It is expected that the UniForum benchmarking process will assist Massey in making this assessment.

2. To help us understand whether the structures we have in place to deliver support services are optimal

Massey is financially devolved. This works well when there is sufficient funding to meet all the competing demands. When funding gets tight we need information to know where the support services are being delivered so funding can be targeted. In addition as Massey's fiscal situation becomes more constrained as a result of declining enrolment growth, budget decisions become more difficult and need to be better informed.

3. To help us understand which staff are providing shared services, what they are providing and how they are providing them.

We need to understand what is driving the demand for shared services. We need to understand how these demands are being met and by whom. We need to understand if staff are adequately supported and properly trained to provide these services and whether the systems in place are adequate for their intended purpose.

What about academic staff who may be involved in the provision of non-academic duties?

Currently academic staff members are out of scope of the survey. This is based on the Cubane methodology. This may be reviewed in future.

Date: 19/11/2015

Type: Internal Communication

Categories: Any

Pacific region's serious health issues in the spotlight



Dutch Ambassador Rob Zaagman (left) , Tongan health minister Dr Saia Piukala and Massey University Vice-Chancellor Steve Maharey at the Pasifika Health Research Forum.

Serious under-resourcing of the health work force in the Pacific Islands has been identified as one of the greatest challenges facing the region.

Academics, Pacific health researchers and leaders, and members of the diplomatic community, gathered in Wellington last week to discuss the best way to address health issues in the region. These include high rates of cancer and health and environmental effects of uncontrolled and misuse of fertilisers and pesticides.

Numerous speakers at the event, hosted at the Dutch Embassy and organised by Massey University, said more health professionals and medical equipment are needed for the region too.

Dutch Ambassador Rob Zaagman told guests that his Embassy has a special interest in the issues as it is officially accredited to Fiji, Samoa, Kiribati, Tuvalu and Tonga.

Vice-Chancellor Steve Maharey described the forum as a “unique gathering” of the diplomatic and Pacific communities.

Solutions to its myriad health issues lay with both securing more specialist support from outside the region and a commitment from the Pasifika community to addressing areas of concern, guests were told



Guests listen to a speaker at the Pasifika Health Research Forum held in the ballroom of the Dutch Embassy, Wellington.

International health consultant

Professor Don Matheson said in Papua New Guinea up to five million people did not have access to a doctor - with nearly half of all its districts without medical practitioner support.

Despite these shortages some provinces - such as Milne Bay, were demonstrating remarkable improvements in the care of women during pregnancy. Improving health services in the Pacific needs to be informed by an understanding of these local successful models of care, he said.

Addressing issues in the wider Pacific region, Professor Matheson said a combination of slow economic growth; an increased availability of poor quality food and a failure to deliver basic health services had been compounded by a lack of resources.

Cuban ambassador Mario Alzugaray also identified a shortage of doctors as exacerbating health problems while Mr Maharey said one way to build capacity was through further education.

Associate director for Massey's Centre for Public Health Research, Associate Professor Barry Borman, said researchers were increasingly “data rich” about Pasifika health issues but “information poor” when it came to identifying effective solutions.

With research officer Ridvan Firestone, Dr Borman is seeking research partners in the Pacific Islands to develop a hub for environmental health indicators across the region. Such a programme, similar to one already underway in New Zealand, would provide statistics about how the environment affects the health of Pasifika people including traditional health indicators such as air and water quality.

College of Health Pro Vice-Chancellor, Professor Paul McDonald, said while improved life expectancy showed progress had been made with health care in the Pacific in the last 20 years, the attitude of “business as usual was just not going to get it done unfortunately”.

Centre director, Professor Jeroen Douwes, hopes the forum may lead to a wider call to action from the international community to get involved in addressing certain health issues in the region that have not had the priority of others. A World Health Organisation non-communicable diseases action plan for 2013 -2020 proposes a series of targets including the reduction by 25 per cent of mortality from cardiovascular disease, diabetes, chronic respiratory illnesses and cancer.

Colleague Dr Sunia Foliaki says the focus on cancer is particularly pertinent to Pasifika nations that lack both data and effective screening processes for prevention and control of the deadly disease. Cancer has been the second leading cause of death in the majority of Pacific Island countries for more than a decade.

“There is little reliable data on cancer, and cancer registries in the Pacific Islands are either lacking or inadequate. But there is a need to identify how cancer is tracking in the Pacific and tailor research funding applications to that,” he says.

Similarly, pesticide use is another issue that requires urgent attention.

Tonga's deputy director for the Ministry of Agriculture and Food, Forest and Fisheries, Dr Sione Foliaki said in his country the misuse of pesticides was contaminating food crops and affecting the health of farmers – sometimes with fatal consequences.

Demand for increased production helped by the use of agrochemicals had to be weighed against the risk of farmers' health, consumers eating their product and the environment into which the chemicals are applied, Dr Foliaki said.

Tonga required effective national pesticide management with an action plan, including a pesticide registration scheme, that sought to reduce health and environmental risk associated with the use, trade and disposal of pesticides, he said.

Dr Foliaki from the Centre for Public Health Research said studies undertaken in other countries such as Mexico showed severely reduced neuropsychological development among children exposed unnecessarily to such chemicals, though it was still unknown how big an issue it is in the Pacific Islands.

Fonterra senior research scientist Dr Palatasa Havea gave data demonstrating that squash pumpkin farmers in Tonga applied fertiliser and pesticides far more than necessary. Heavy rains wash off the extra agrichemicals during growing seasons polluting the environment and wasting money.

An assessment tool was devised to help the Tongan farmers make informed decisions on the amount and timing of fertiliser application to ensure greater responsibility of use.

Tonga's Minister of Health, Dr Saia Piukala, also voiced concern about the availability and safety of water sources that is now increasingly threatened by natural disasters and climate change as well as by environmental pollution from agricultural, population and economic developments

Echoing the sentiments of other speakers, Professor Douwes stressed there is a need to train locals more and encourage the emergence of international mentors for a new generation of health professionals.

"We need cooperation from international countries. If they can find funding for such issues then such a development becomes permanent and it's possible to make change."

Date: 20/11/2015

Type: University News

Categories: Home Page article; College of Health; Explore - HEALTH; FutureNZ - Health; Pasifika; Research - Health and Wellbeing; School of Health Sciences; Wellington

Massey joins in NZ Music Awards celebrations



The Vodafone New Zealand Music Awards are a celebration of all facets of the music industry including live music performance.

Massey University's growing role in the New Zealand music scene was celebrated last night at the Vodafone New Zealand Music Awards when one of its newest staff members, Warren Maxwell, appeared on stage to accept one of the awards.

Mr Maxwell is part of the renowned Wellington roots music combo Trinity Roots. They were awarded Best Roots Album for 2015 for their album *Citizen* at the awards ceremony at Auckland's Vector Arena. He is also part of Little Bushmen and is an ex member of Fat Freddy's Drop.

He is also now the undergraduate programme developer at Te Rewa O Puanga – the School of Music and Creative Media Production, which starts teaching its new degree the Bachelor of Commercial Music early next year.

The degree has three majors: music practice, music technology, music industry and the three-year fulltime course is designed to produce creative graduates who are fluent in the production, promotion and distribution of music medias and live events.

In his acceptance speech Mr Maxwell referred to the new programme Massey is starting with sentiments previously expressed when it was officially launched in October.



School of Music and Creative Media Production tutor Warren Maxwell, who is part of the renowned roots music band Trinity Roots, accepts the award for Best Roots Album at the Vodafone New Zealand Music Awards.

Back then Mr Maxwell said the new degree was a “game-changer” and that the support from Massey and its staff had been vital.

“We have a loving whānau here and we are going to get our music out to the world.”

As part of that commitment and to coincide with the launch of its new school and degree, Massey University announced a scholarship to help foster excellence in the New Zealand music scene.

Worth \$22,500 over three years, the scholarship, in association with the Vodafone New Zealand Music Awards, will help a promising student with tuition fees and other costs over three years of undergraduate study.

Date: 20/11/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; College of Creative Arts; Creative Arts; Music and campus life; Wellington

Book by Massey ecologist highlights freshwater plight



Dr Mike Joy has written a book looking at the state of New Zealand's freshwater systems.

Massey University freshwater ecology specialist Dr Mike Joy has today released a book assessing the state of New Zealand's freshwater environments.

Polluted Inheritance – New Zealand's Freshwater Crisis is a “damning assessment” of the state of New Zealand's streams, rivers and waterways.

Dr Joy points out that in the past two or three decades freshwater environmental protection has been left weakened, under-regulated and often unenforced and that “these failures have allowed a relatively small number of people to profit from polluting on a grand scale”.

However, he also offers a prescription for confronting the crisis – which begins with serious recognition that the problem indeed exists.

Dr Joy comes from the perspective of a scientifically-trained observer and backs up his criticism with evidence.

He advocates for a “clean, green healthy New Zealand in which swimming and fishing in lowland rivers” are non-negotiable rather than “nice to have”. In doing so, he calls for “a purge of a contemporary school of environmental management that privileges political ideology over sound science and routinely ignores the true ecological costs of intensive agriculture.”

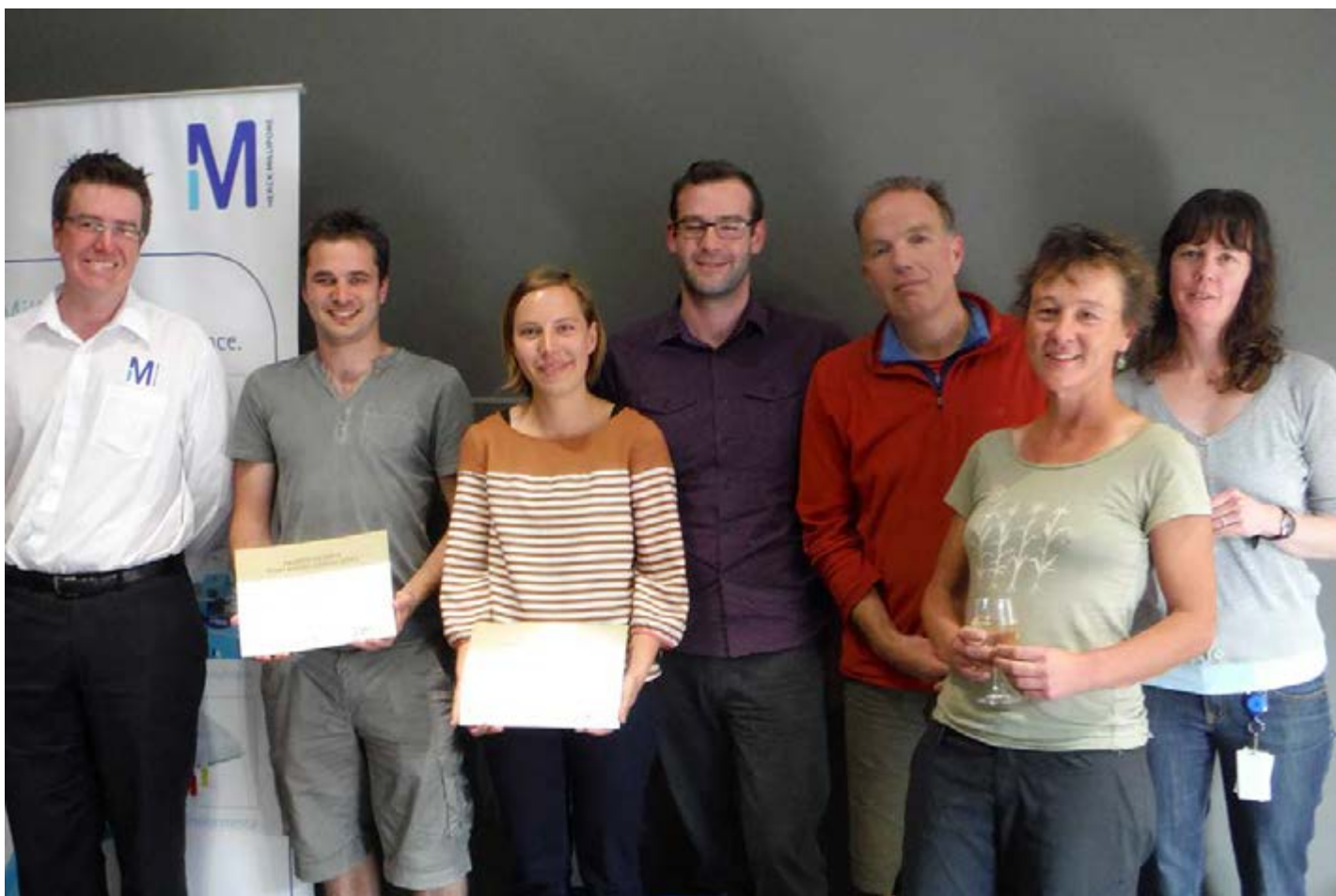
Dr Joy's book is published by Bridget Williams Books and is available for pre-order [here](#).

Date: 20/11/2015

Type: University News

Categories: Home Page article; Book; College of Sciences; Enviromental issues; Explore - Agriculture/Horticulture

Engineering student wins best plant biology talk



Nigel Flockhart from Merck Millipore with winner of the best student talk Max Plouviez, runner-up Mareike Knaebel and Palmerston North Plant Biology Seminar committee members Dr Nick Albert from Plant and Food Research, Dr Huub Kerckhoffs from Massey University, Dr Toshi Foster from Plant and Food Research and Dr Robyn Johnston from AgResearch.

Max Plouviez, a biochemical engineering student from Massey University's School of Engineering and Advanced Technology, has won this year's Merck Best Student Talk Award at the November meeting of the Palmerston North Plant Biology Seminar Series.

Of the 12 postgraduate presentations throughout the year, Mr Plouviez was selected as the winner. His talk earlier in May summarised the mechanisms and significance of nitrous oxide synthesis by microalgae – an important area of research for understanding and mitigating climate change. He has been awarded \$500 from sponsors Merck Millipore, for his efforts.

The other finalists were Jay Jayaraman and Toby Newman from Massey's Institute of Agriculture and Environment, Mareike Knaebel from University of Auckland's Biological Sciences and Plant and Food Research. Ms Knaebel was awarded the runner-up prize of \$50.

Also at this month's final meeting for the year were Dr Roberta Carnevali from the Brazilian Agricultural Research Corporation (Embrapa) and the Institute of Agriculture and Environment, speaking about physiological changes of grasses under different light and shade regimes and Dr Nick Albert from Plant and Food Research speaking about regulation of sunscreens in the liverwort *Marchantia*.

The plant biology seminar series was instigated by the late Professor Michael McManus and has been running since 2007. The monthly seminar series is jointly organised by Massey University, Plant and Food Research and AgResearch.

The series aims to support cross-institution engagement around the plant sciences for staff, postgraduates, postdoctoral and research fellows as well as visitors. It promotes sharing of expertise and provides

presentation and networking opportunities for everyone involved in plant research in Palmerston North.

Date: 20/11/2015

Type: Awards and Appointments

Categories: Home Page article; Horticulture

Food tech students graduate at Singapore



The sixth group of Bachelor of Food Technology with Honours students graduated in Singapore yesterday.

Thirty-eight graduates from Massey University's Singapore campus have been honoured at a capping ceremony to mark the end of their studies and the beginning of their careers.

The Bachelor of Food Technology with Honours programme was launched in Singapore in 2008 in partnership with Singapore Polytechnic. It allows students to undertake a "gold-standard" degree without leaving Singapore and producing highly employable graduates. Entrants to this programme are top polytechnic students who have completed their diplomas in food science related courses.

Pro Vice-Chancellor of the College of Health Professor Paul McDonald chaired the graduation ceremony and says, "We are really proud of our graduates and the impact many are already making in the food industry in Singapore. Our colleagues at Singapore Polytechnic deserve our thanks as well. We've enjoyed seven years of successful collaboration that's allowed Singapore Polytechnic students to



Students head off to celebrate after graduating in Singapore.

complete a Massey food technology degree recognised around the world.”

Director of Massey Institute of Food Science and Technology Distinguished Professor Harjinder Singh, thanked Singapore Polytechnic for its excellent partnership and the staff from both institutions for their hard work and dedication in delivering such a successful programme. “Congratulations to the graduates. The School of Food and Nutrition is proud of your accomplishments and wish you all the best in your future careers.”



The traditional cap throw after the Graduation ceremony.

Associate Professor Kelvin Goh, who manages the programme at the Singapore campus, congratulated the graduates. “Their perseverance and hard work has indeed paid off. I believe this degree will provide huge opportunities for them in their career. I wish them the very best in their future endeavours”.

He added that the success of this programme are due to the dedication of the staff from Massey University and the staff from Singapore Polytechnic, plus a great group of very hard-working and motivated students. Personally, he found it very rewarding to witness the positive impact the intensive programme has on the students not only in terms of equipping them with technical knowledge, but also in the transformation of their character.

Dr Goh said that the graduates are well sought after in the food industry. “The employability of graduates from the last five cohorts is a clear testament to the relevance of the Food Technology Programme in Singapore. Already 25 per cent of this group has found employment in the food industry before graduating.”

Massey University Director of International Arthur Chin took the opportunity at the graduation to speak with some of the new graduates as well as earlier cohorts who have returned to support their alma mater. “I was impressed by the quality of the final year projects the new graduates had completed, and also the amount of recognition by the local food industries for Massey’s food technology programme across Southeast Asia.”

Associate Professor Marie Wong says the ceremony is also about celebrating the success of PhD graduate May Wee Sui Mei. “She graduated in 2010 with her Bachelor of Food Technology with an Honours degree in the first inaugural Singapore class. May completed her PhD at the Manawatu campus and returns home to graduate with her friends and family. Her research had a very New Zealand flavour, investigating the physico-chemical characteristics and functionality of the polysaccharide extracted from the New Zealand black tree fern.”

In the last seven years, 192 students have graduated from the Singapore programme and are highly sought after for technical and management positions in the food industry in Singapore and South East Asia as well as New Zealand and around the world. The degree is unique as it is very practical and applied, incorporating up to date current industry developments and needs.

The programme has also produced nine high quality graduates who continued on to postgraduate studies, mostly at the PhD level in New Zealand.

Last year marked the 50th anniversary of the food technology degree at Massey University.

Date: 20/11/2015

Type: Graduation

Categories: Home Page article; College of Health; Explore - Food; Feature; Graduation; School of Food and Nutrition

Farmers thanked for 'invaluable' support



From left, Blair Shortall (FMG), Lucy Griffiths, Professor Ian Yule, Mel Poulton, Professor Nicola Shadbolt

More than 50 people gathered at Massey University's Manawatū campus last Thursday to thank farmers who have actively supported the university.

The evening, co-sponsored by Massey and the Farmers Mutual Group (FMG), celebrated farmers from the region who hosted students on field trips and supported postgraduate students with their research.

Some were visited several times throughout the year and prepared material for the students to use in their research or studies and then made themselves available for follow-up questions from the students.

Nuffield agricultural scholarship recipients Lucy Griffiths and Mel Poulton gave presentations. Ms Griffiths shared a vision for how to develop the New Zealand sheep dairy industry into a \$1 billion business, while Ms Poulton presented insights on how agriculture, trade and geo-politics work on a global scale and how New Zealand farmers should strategically influence these by communication, coordination and collaboration.

Massey University Professor of Precision Agriculture Ian Yule also spoke about the developments in precision agriculture technology.

Chair in farm management Professor Nicola Shadbolt closed the evening, remarking it was an honour to be able to thank the farmers who are inspiring and supporting students. "It is invaluable for Massey to have this network of supporting farmers, to show the students that what they're learning actually makes sense and is applicable in a real world context."

Date: 24/11/2015

Type: University News

Massey MBA student goes under the farming hood



Lousie Milliken has used design thinking to gain insights into farmer's needs.

Massey University Executive Master of Business Administration student Louise Milliken's research project not only helped her meet her course requirements but also gave her employer, the dairy genetics and technology company Livestock Improvement Corporation (LIC), valuable insights into its customers' needs.

Ms Milliken, an LIC business adviser, will graduate with an MBA this week but the corporation has already reaped the benefits of her research into design thinking and business model innovation. She could see potential to taking a different approach to developing new products and services.

“LIC was going through a strategy refresh in 2014,” she explains. “The board and senior management team gave the business a mandate to put the farmers at the centre of everything.”

For her research project, Ms Milliken arranged for a cross-section of LIC staff to undertake a series of interviews with dairy farmers. They aimed to better understand the opportunities for hardware solutions on the farm and for farm businesses.

“We engaged in free-ranging conversation – letting the farmer just talk, and staff got the opportunity to just listen and let the discussion go where it goes.

“We really looked under the hood. We talked with the farmers about what they want to achieve with the farm business, their dreams and aspirations, and then about the technological hassles they have on the farm and what would make their life easier.

“It is quite a different conversation because you're not talking about a specific product or service and you're not selling anything. You get both sides opening up a lot and they get a better understanding of each other.”

After each set of interviews, staff carefully analysed what had been said. “We were very careful about defining the problems the farmers face. We really slowed down at that point. You really need to spend the time to work out what it means and what the underlying, latent problem is. We wanted to make sure we were not assuming anything.”

Supervisor and Massey University Professor of Agribusiness, Hamish Gow, agrees. “People might express what the symptoms of the problem are, but you need to get underneath and really see what the underlying problem is – the root cause. You need to do a good diagnosis.

“So often, people are in sales solution mode, and they end up creating solutions based on a superficial version of the problem – and then they wonder why no-one picks it up.

“This is consultative solution development – you co-create solutions with your customers. You may not even have all the key parts inside your company to give them the solution. But first you listen and define the problem correctly, rather than just taking something from your toolbox of products.”

Technology could be the answer

The research found that many of the dairy farmers would like technology to help them simplify operations and free up time, get good information for decision-making and help staff work effectively. Some specific things technologies could do for them are to provide remote monitoring and alerts if a system is not working, share information across systems so they only enter information once, and provide more accurate and accessible pasture growth information.

Based on the report, further work has been done within LIC to identify suitable business models and possible technological solutions.

Ms Milliken says having people from across LIC involved in the process has been a strength of her research. “Instead of having people from just one part of the business, we purposely got people from different parts involved. They brought a wide range of skills, experience and knowledge. It gives people a voice they may not have had before, and it means you've got more to bounce off. That has started to build something that will be ongoing.”

Another, was the opportunity to see the design thinking and business model innovation methods in action while doing the university's strategic management paper and an associated study tour to the United States – which included visits to Stanford D-School, IDEO and other leading design firms using these methods.

She also credits the guidance Professor Gow offered her. “He is a supervisor that will push you and the boundaries of your thinking and make sure you challenge the status quo.”

Professor Gow estimates about 55 people complete the Massey University Master of Business Administration programme each year.

Date: 24/11/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Research

Surge in Māori PhDs at November graduation



Of the 52 PhDs being conferred this week, 11 are to Māori scholars

The number of Māori graduating from Massey University with PhDs continues to accelerate. Eleven of the 52 doctoral degrees that will be conferred in the three Massey graduation ceremonies on Friday will go to Māori; two of them with theses written entirely in te Reo Māori.

The research covers topics in science, horticulture, health, nutrition, education, the environment, iwi history, business and sport. Fifteen years ago, Massey was the first university in the world to have a student complete a doctoral thesis in Māori. Now there are eight.

Dr Selwyn Katene, Assistant Vice-Chancellor Māori and Pasifika has noted this record number as being “highly significant for the graduates and their whānau, and for the nation, as their contribution to Māori advancement is immeasurable.”

He says it is evidence that Professor Sir Mason Durie's goal to achieve a significant increase in doctoral graduates is being realised. “These 11, together with the other 37 Māori women and men who also graduate on this day, make us very proud. We also congratulate all graduates and applaud them for their hard work and commitment.”

Doctoral researchers Hinurewa Poutu (Ngāti Rangī, Te Āti Haunui a Pāpārangi, Ngāti Maniapoto) and Agnes McFarland (Tūhoe, Ngāti Awa, Ngāti Maniapoto, Ngāti Pikiao, Te Arawa) – both to be capped at Ceremony Two for the College of Humanities and Social Sciences – bring the number of PhDs in Te Reo Māori by Māori to a total of eight from Massey. Ms Poutu's research explored factors that influence teen and youth speakers of Te Reo Māori to use the language beyond school, while Ms McFarlane has researched the oral and contemporary written literature of Tūhoe.

Before them, Professor Tairahia Black gained the first PhD written in Te Reo Māori at Massey in 2000 – the first person in any university to do so. He was followed by Dr Ian Christensen (2001), Dr Darryn Joseph (2008), Dr Wayne Ngata (2009), Dr Te Poroa Joe Malcolm (2013) and Dr Petina Winiata (2014).

A total of 540 students – including 137 receiving master's degrees – will cross the stage in three ceremonies, bringing the total number of those graduating from Massey this year to 6350.

Diverse doctoral research topics across the colleges

Research from among the 20 PhDs from the College of Sciences includes theses about topics ranging from the conditions under which early life evolved and the evolution of organisms in oxygen-free environments, to the development of a system to detect toxins potentially leaking from plastic bottles and demonstrating the feasibility of breeding ewe lambs for financial advantage.

Among the 26 PhDs awarded to candidates from the Colleges of Humanities and Sciences, and Health, research topics include understanding reasons for the dependence of small Pacific Island states on oil-based fuel imports; the impact of disaster education programmes for children; the role of military service boards and tribunals in New Zealand and Britain during World War One; and attitudes on euthanasia. Other topics are; whanau-focused health care, changes to charitable organisations working in social development, and factors that determine positive ageing in the over 85s.

Six new PhDs in the School of Business include research into microfinance organisations; the development of emotional intelligence in boosting employee performance and the impact of the global financial crisis on Vietnam's banking system.

Other highlights for the University's fourth and final graduation ceremony for 2015 include staff graduating with doctoral degrees. They are Bevan Erueti (Institute of Education); David Littlewood (School of Humanities); Vivien Rodgers (School of Nursing) and April Bennett, (School of People, Environment and Planning).

Twitter and Instagram users attending graduation day – whether in academic robes or as family and friends – are being encouraged to share highlights, using the hashtag #MasseyGrad. The Twitter feed will be streamed live on screens in the foyer of the Regent Theatre in a first for the University.

In another first, Massey student volunteers will be on hand in the graduation marquees in the Square following parades to take photos with graduates' own smart phones so they can be shared on social media.

Event details:

Ceremony One - Friday 27 November 2015 at 9.30am

College of Sciences

Guest speaker: Professor Ray Geor, Pro Vice-Chancellor (Massey Business School)

Ceremony Two - Friday 27 November 2015 at 12.30pm

College of Health

College of Humanities and Social Science

Guest speaker: Professor Paul McDonald, Pro Vice-Chancellor (College of Health)

Ceremony Three - Friday 27 November 2015 at 3.30pm

Massey Business School

Professional and Continuing Education

New Zealand School of Music

College of Creative Arts

Guest speaker: Chief People Officer, The Warehouse Group

Date: 24/11/2015

Type: Graduation

Professor's research not lost in translation



Professor Harald van Heerde makes his winning presentation at the 2015 Research Translation Competition.

Massey Business School's Professor Harald van Heerde is known for the complicated modelling and huge data sets he uses to quantify the value of marketing activity. But his latest award is for translating his complex research into everyday language.

Professor van Heerde won the business school's annual Research Translation Competition with a six-minute presentation on how online advertising can have a significant impact on offline sales.

The competition, now in its second year, challenges academics to make their research more accessible.

Judge Raewyn Rasch said Professor van Heerde was the clear winner because "his research was clearly of benefit to the business community and it was explained with confidence and in an engaging way".

Harald Van Heerde: Effective Marketing | Big Issues in Business



Professor Harald van Heerde discusses his broader research areas.

Measuring the full impact of advertising

Understanding the impact of advertising on sales is a big issue for any business and Professor van Heerde says too many managers base their marketing decisions on gut, rather than scientific data. The research he presented for the translation competition showed how advertising in one channel influences the sales in another channel.

“We calculated that online advertising, especially search engine advertising, had a large positive impact on in-store sales, while traditional advertising had very little impact on online sales,” Professor van Heerde said.

“What this means is that firms shouldn't overlook the cross effects of their advertising when they are calculating the return on their investment. Online advertising is much more effective than traditional advertising, but you might not realise by how much if you only looked at online sales.”

Despite basing his presentation on a paper originally published in the *Journal of Marketing Research*, Professor van Heerde said he didn't find it too hard to explain his research in non-academic terms.

“In essence I always try and write for managers with the objective of providing them with useful insights. There are some requirements for an academic paper that you obviously need to strip out – the mathematical modelling and the nitty gritty detail – but the findings themselves are usually quite clear and simple to understand.”

Professor van Heerde holds the MSA Charitable Trust Chair in Marketing at the Massey Business School and is currently ranked 11th in the world for marketing research by the American Marketing Association.

Other competition winners

- Runners-up: Niki Murray and Margie Comrie for their presentation 'Talking about immunisation: Making it easier for parents and health professionals'
- Third place: Elizabeth Gray for her presentation 'Is email really dead? The promises and pitfalls of electronic newsletters'

Early Career Research Awards:

- Borhan Bhuiyan for his presentation 'Are related party transactions red flags?'
- David Tappin for his presentation 'Building on good ideas: an industry-led approach to injury prevention'
- Niki Murray for her presentation 'Talking about immunisation: Making it easier for parents and health professionals'

Date: 25/11/2015

Type: Awards and Appointments

Categories: College of Business

Call for participants in Relay for Life 2016



Massey's Manawatū campus not only hosts the annual Cancer Society Relay for Life at the Hokowhitu site, it also supports the event as a sponsor and by entering numerous teams.

"It's a great event that brings the community together to support those affected by cancer," campus team captain Kirsty Greenwell says. "With more than 100 teams from schools, community groups and corporates, the event truly represents the diversity found within the Manawatū.

"Massey University has fully participated in the Manawatu Relay for Life event both as a sponsor and through entering numerous teams since 2000. The Massey University Manawatū teams are comprised of staff and students from many different departments."

To join a Massey team, to enter one, to help out in some other way, or for more information please contact [Kirsty Greenwell](#).

Date: 25/11/2015

Type: Internal Communication

Categories: Any

Funding success for social work project



Dr Kathryn Hay, School of Social Work.

A group of researchers, including Dr Kathryn Hay from the School of Social Work, have secured Ako Aotearoa funding for a collaborative sector-wide project exploring social workers' readiness to practice in the field.

Enhancing the Readiness to Practise of Newly Qualified Social Workers (EnhanceR2P) will develop an evidence-informed, industry-agreed Professional Capabilities Framework.

The \$300,000 grant for the three-year project comes from the contestable Ako Aotearoa National Project Fund (NPF). The NPF is a strategic change fund supporting evidence-based change in teaching and learning practice.

Dr Hay says there have been several challenges recently, especially in the media, about social work education in New Zealand.

“Questions have been raised about the readiness of graduates to practice when they enter the workforce. These challenges are not based on empirical evidence but are anecdotal. The outcomes-based Professional Capabilities Framework that will be developed during this research will be founded on local research and will address some of the current questions around social worker's practice at newly qualified, advanced and expert levels.”

The key research questions the EnhanceR2P project aims to answer are:

- What is the content of the current social work curriculum and how is it being taught?
- How well-prepared are newly-qualified social workers to enter professional practice and how is their learning supported and enhanced in the workplace?

- What are the professional capabilities we should expect of newly-qualified social workers and those at more experienced levels?

Each year of the three-year project will have a different focus:

- Phase one will map the social work curriculum in New Zealand investigating topics taught in all participating institutions.
- Phase two will inquire into the *readiness to practise of newly qualified social workers* in their first year of post-qualifying practice.
- Phase three will involve a participatory process for the co-production of a Professional Capabilities Framework clarifying the capabilities of newly qualified social workers as well as social workers at experienced, advanced and expert levels of practice.

In addition to Dr Hay, the research team includes Neil Ballantyne (Open Polytechnic), Associate Professor Liz Beddoe (University of Auckland), and Associate Professor Jane Maidment (University of Canterbury).

For more information: <http://www.enhancer2p.ac.nz/>

Date: 25/11/2015

Type: Research

Categories: Home Page article; College of Health; Explore - HEALTH; Funding; Research

Extinct eagle and 'weaponised' weka brought to life digitally



An artist's rendition extinct Haast's Eagle, left, hunting moa. Image credit: John Megahan, Creative Commons licence.

Some of New Zealand's extinct bird species, including the Haast's eagle, Forbes Harrier and a giant weka-like bird with a weaponised beak (Adzebill) are being brought to life as three-dimensional digital models thanks to staff at Massey University, the Auckland War Memorial Museum and The Museum of New Zealand Te Papa Tongarewa.

The skulls, along with several wing and leg bones, will be scanned at Te Papa this week. It is part of an on-going project between the museums to exchange collections and make them more accessible to the public.

Massey University ornithologist Dr Daniel Thomas is leading the scanning project under the supervision of Auckland Museum Natural Sciences Collections Manager Jason Froggatt, Curator of Land Vertebrates Dr Matt Rayner and Te Papa vertebrate Curator Alan Tennyson.



Dr Daniel Thomas

This is not the first time Dr Thomas has digitised ancient bones. He has been working with Mr Froggatt to scan moa bones and build a full skeleton. They are showing their progress on a [web page](#) entitled *Evolution in Isolation*, which includes other three-dimensional digital models, wildlife photos and sound recordings from animals that live in New Zealand, from spiders to songbirds.

Dr Thomas says the recent trend of displaying three-dimensional digital versions of museum objects online has been supported by major museums internationally, like the Smithsonian Institution and the London Natural History Museum.

“We are going to see more of this in New Zealand. For a while now, researchers have used CT scanners to make digital versions of 3D bones, but few museums have this technology in-house. The 3D scanner we have is portable, so it can be brought into museum collections”.

Mr Froggatt is pleased to have new ways of showcasing their collections.

“This is a great example of collaboration between museums and universities, using new technologies to enrich collections and provide greater access to extinct fossils of New Zealand fauna.”

Mr Tennyson says this is an exciting project for the national museum to be a part of.

“Technology like 3D printing is the way of the future, and will help to ensure precious objects, like bones from long extinct birds, are protected while still being fully accessible to the public” he says.

In exchange for digitised versions of the birds, the team will be scanning fossils at Auckland Museum later in the year, to be sent to Te Papa.

Date: 26/11/2015

Type: Research

Categories: Home Page article; Applied Learning; College of Sciences; Institute of Natural and Mathematical Sciences; National

Drama of WWI exemption hearings explored



Dr David Littlewood explored the human dramas of WWI exemption hearings

New Zealand men conscripted to fight in World War I were less likely to seek exemptions than their British counterparts, according to new research by a Massey University historian.

Dr David Littlewood, a lecturer in the School of Humanities who graduated with a PhD today, says his comparative study of the records of hearings by men appealing to military boards and tribunals in New Zealand and Britain for exemption reveal much of the drama of civilian life during wartime.

While most historians have “overwhelmingly” focussed on appeals by conscientious objectors, he says most appeals were on the grounds of hardship, domestic responsibilities or work. In New Zealand, about one third of eligible men appealed for exemptions from fighting, while in Britain more than half did.

Dr Littlewood says he discovered a rich seam of social history in what appeared to be an administrative exercise, but believes it would be a mistake “to perceive the exemption systems merely as bureaucratic sorting machines.”

“They actually provided the setting for some of the most striking human dramas of the war, with individuals from all classes and backgrounds being brought together to decide how young men could best serve their country. There were scenes of joy and despair, of relief and disappointment, and of rancour and hilarity, mostly played out in full public view.

“Some men were sent to fight and die while others were allowed to remain at home, and it's no surprise that everyone had an opinion on whether these decisions were right or wrong.”

Women left to run farms but some men opposed

Kiwi men who had not volunteered to fight at the outset of World War I in 1914 were keen to show a willingness to fight and fulfil their patriotic duty to avoid the stigma and shame attached to being perceived as

“shirking” responsibility, he says. Those appealing against conscription commonly did so on the grounds they were needed back home to do heavy farm or labouring jobs that women were incapable of, or to support families while other males in the family were away fighting.

Dr Littlewood's research includes quirky anecdotes from the records of New Zealand appeal hearings that were all public and published in newspapers now available digitally. One man argued he could not leave his farm in the hands of the women as they let the milking cows dry off in the wrong season, or were inclined to have picnics instead of working.

Businessmen and self-employed tradesmen who cited economic hardship stood little chance of exemption if they were not employed in essential occupations, he says. A hairdresser/tobacconist was one such occupation, while shearers and slaughter men were granted exemption because of the importance of keeping primary industry going during wartime.

In Britain, similar reasons were provided but there were greater inconsistencies in whether appeals were granted or not. The degree of leniency towards an appellant's case depended on the geographical location, the make-up of the tribunal and how sympathetic its members were, Dr Littlewood says.

Fighting Germans more important than clean windows

In one example, a window-cleaning firm lost its appeal to the Wakefield Tribunal, with the Chairman remarking: “we must go with our windows dirty if necessary; we have got to beat the Germans”.

His thesis compares the operations of the tribunals in the East Central Division of the West Riding of Yorkshire with boards across New Zealand. He investigated the relationship between the appeal boards and their respective governments and militaries, and assessed how far each claim was judged on its merits.

Discrepancies between the countries in terms of appeal outcomes were the result of New Zealand having a centralised system consisting of nine boards nationally, while Britain had over 2,000 locally organised boards whose membership and approach tended to reflect the differing needs and demands on their communities.

In New Zealand, military boards aimed for an “equality of sacrifice”, so that families who had already lost men in the war were not under pressure to send remaining sons, brothers and husbands. The military boards and tribunals were in operation between 1916 and 1918 when conscription was introduced.

Accounts of exemption hearings provide “an almost unparalleled view of British and New Zealand society at war”, Dr Littlewood says.

Date: 27/11/2015

Type: Graduation

Categories: Home Page article; College of Humanities & Social Sciences; Graduation; Graduation (Palmerston North); Research; School of Humanities; Uni News

Triple graduation celebrations for PhD graduate



Dr Carole Fernandez.

For some the thought of studying for 15 years would be a nightmare, but for Carole Fernandez the journey has been one she will never forget.

Today Ms Fernandez becomes Dr Fernandez. The 59-year-old graduates with a PhD after starting her studies with Massey in 2000. And next month two of her six children graduate with degrees in music - Ethnomusicology and Sound Engineering – from the University of Otago.

Her doctoral journey began six years ago at Te-Pūtahi-a-Toi – the School of Māori Art, Knowledge and Education. Later she transferred to Te Pūmanawa Hauora - the Maori Health Research Unit at Massey's School of Public Health - to complete a PhD in Public Health.

While Dr Fernandez comes from a mixed ethnic make-up - Portuguese, Irish and Javanese - she is connected to Māori through her children who affiliate themselves with *Ngāti Whātua* and *TeĀti Haunui-a-Pāpārangi*.

She says studying for so long wasn't something she had planned. She had already completed her Master of Nursing and a Post Graduate Diploma in Evaluation at Massey's then-College of Education. But working with an iwi provider in the health sector fuelled her desire to make a positive contribution to health service delivery for Maori.

“It demonstrated the application of tikanga-based principles and values used in collaborative processes when working with Maori and whanau, and also when working at the interface with mainstream service providers. It illustrated a parallel between tikanga-based principles and Treaty principles, and highlighted the model's capacity for inter-sectoral collaboration towards integrating care.”

Dr Fernandez says the differences between client-centred care and whanau-focused care were evident. “Together with all those who walked along this PhD journey with me, I discovered that we were creating

knowledge with the potential to shift mind-sets from focusing on processes and service delivery systems, to a values-based approach in care.”

She says while there were many high points when undertaking her PhD, there were also many challenges. “There were times when I questioned everything, when I couldn’t see the forest for the trees and felt lost. I was very fortunate to have excellent support from my supervisors who always encouraged me. When I went off track, they were always there to guide me back.

“The support of my co-workers, management, the kaumatua at work and especially my own family, lifted me, making me realise I had something valuable to contribute to the organisation and for those accessing health services.

“It was such a privilege being able to share my views and opinions with other likeminded PhD candidates, and be given the opportunity to present findings at seminars. I also enjoyed the flexibility in terms of being able to work full time, and study part time.”

She says the most rewarding aspect has been the many relationships she has made during her studies. “It has been a life changing experience for me. I continually ask myself ‘If I knew what was ahead, would I have embarked on this doctoral journey? And my answer is definitely, YES!’”

Date: 27/11/2015

Type: Graduation

Categories: Home Page article; College of Health; Graduation (Palmerston North); Maori

Double majors for Grobler twins



Douw Grobler, left, and his twin sister Maureen graduated today with a Bachelor of Science majoring in animal science and chemistry.

As twins, the South African born Grobler siblings Maureen and Douw have a lot in common – including their chosen degree, down to the majors. Both have graduated from Massey University today with a Bachelor of Science majoring in animal science and chemistry.

Miss Grobler says the pair have always been close since they were young and both had a strong interest for science, particularly chemistry and biology. It was this passion, as well as a love for animals, which saw them pursue their double majors.

Mr Grobler says the two majors were complementary. Studying chemistry allowed them to better understand how the body functions on a biochemical level. The laboratory experiments they did, such as synthesising molecules, helped bring the theory to life.

You may think sibling rivalry would be an issue, but Miss Grobler says they were more interested in supporting one another. “We did compete to a certain degree but we really just wanted each other to succeed and do our best. We motivated each other more than we competed.”

She says the connection between herself and her brother was obvious to her classmates, although not in the way one might expect.

“Whenever we get together we talk fast you could hear the whole class go silent trying to make sense of what we’re saying in Afrikaans. It’s a really expressive language and it seemed at times like we were fighting but really we actually just excited!”

The end of their degree will see the twins go in separate directions for the first time in their lives. Miss Grobler will pursue her passion for animals by studying veterinary nursing, whereas Mr Grobler will focus

more on the chemistry aspect of his degree by studying viticulture (grape growing) and wine making in the Hawke's Bay.

Mr Grobler says his new path will allow him to apply what he has learned in his degree. "I wanted to be able to apply my chemistry knowledge and techniques to a specific trade" he says. "Wine making is a field that utilises many analytical and organic chemistry techniques."

Miss Grobler says the realisation was an emotional one. "When I was at the open day for vet nursing it really sunk in that, for the first time, I won't have my brother there to rely on and I almost balled my eyes out."

The Groblers are among 540 students to graduate in the three ceremonies today – including 137 receiving master's degrees and 52 receiving doctorates. This brings the total number of those graduating from Massey University this year to 6350.

Date: 27/11/2015

Type: Graduation

Categories: Home Page article; College of Sciences; Graduation; Graduation (Palmerston North); Palmerston North

Head of the School of Social Work honoured with awards



Associate Professor Kieran O'Donoghue.

Associate Professor Kieran O'Donoghue has been awarded a Certificate of Excellence for research in the inaugural Aotearoa New Zealand Association of Social Workers (ANZASW) Quality and Innovation Awards.

The Head of the School of Social Work also shared the overall ANZASW trophy.

Dr O'Donoghue was officially presented with the award at the association's Manawatu Branch annual meeting in Palmerston North last night by association president Karen Shepherd.

"I am very humbled to receive the award and the recognition given to my recent research publications on social work supervision by the social work profession."

Dr O'Donoghue also acknowledged the leading contribution that Massey University's School of Social Work makes to the field of social service supervision through its Postgraduate Diploma in Social Service Supervision and ongoing research in this area.

"The award also illustrates the importance that supervision has within the caring professions as a process to enhance practitioner learning and development and to improve practice outcomes for people who use social services."

His current research includes a national survey of registered social workers' supervision experiences and practices, and an evaluation of the supervision of allied health professionals across two regional health providers.

In honouring Dr O'Donoghue, the judging panel remarked:

“This certificate is awarded to Kieran O'Donoghue in showing the exhaustive research approach undertaken to develop innovative yet grounded social work practice. Through the range of publications presented in the application, the research evidences models and frameworks that are important to inform the development of social work supervision. The diverse range of approaches illustrates utilising substantive research methodology to analyse a historical review of supervision research, as well as other research of current practice. In addition the value of the work presented is demonstrated through the practical application offered beyond the academic reading audience, into evidence-based social work practice in Aotearoa and internationally.”

Date: 27/11/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Health; Explore - HEALTH; Palmerston North

Sociologist honoured in museum awards



Distinguished Professor Paul Spoonley (centre) with Auckland War Memorial Museum trust board chair Dr William Randall and museum director Roy Clare (photo credit/Auckland War Memorial Museum).

Eminent sociologist Distinguished Professor Paul Spoonley was awarded a Museum Medal and made a Fellow of Auckland War Memorial Museum this week in recognition of his contribution to understanding major social changes and cultural trends affecting New Zealand society.

Professor Spoonley, Pro Vice-Chancellor of the College of Humanities and Social Sciences, was made a Fellow of Tāmaki Paenga Hira Auckland War Memorial Museum. He said in his acceptance speech at the ceremony that he feels “very privileged” to have been able to pursue his academic interests in cultural identity and relationships.

The Museum Medals are awarded in recognition of careers with sustained excellence in research and scholarship. Medals were also presented to Sandra Coney, Haare Williams and Anthony E. Wright.

In his speech Professor Spoonley said that the privilege of a being an academic “also brings with it responsibilities. For me, one of the most important is to contribute to public understanding and respect.”

He described himself as “fortunate to be a witness – and at times a participant – to significant cultural changes in this country over my lifetime.

“It has been a fascinating journey – not always comfortable – but it has been challenging and inspiring. For a museum located in this most cosmopolitan and super-diverse cities, I am sure it is equally challenging and inspiring.”

Professor Spoonley is recognised as one of New Zealand's leading academics and a Fellow of the Royal Society of New Zealand. His work addresses race relations, political extremism, and Pākehā and ethnic identities. He joined Massey University in 1979 and was appointed Pro Vice-Chancellor of the College of Humanities and Social Sciences in October 2013.

He has led numerous research programmes, including the former Ministry of Science and Innovation's Integration of Immigrants, and *Nga Tangata Oho Mairangi* (a research project investigating demographic and economic changes in New Zealand). He has written or edited 25 books and is a regular commentator in the news media.

He was awarded the Royal Society of New Zealand Science and Technology medal in 2009 in recognition of his scholarship, leadership and public contribution to cultural understanding.

Professor Spoonley also played a key role in establishing a Memorandum of Understanding between Auckland Museum and Massey University, which seeks to develop joint activities and share expertise.

Acknowledging the recipients' contribution and legacies to the wider community, Auckland Museum Director Roy Clare said the museum was thrilled to be awarding Museum Medals to such outstanding individuals. "The recipients now join a well-respected and prestigious group of leaders in their field and those who have provided exceptional service to the Museum."

Date: 27/11/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Humanities & Social Sciences; Explore - Planning; Uni News

Watch graduation ceremonies live



Three graduation ceremonies are to be held in Palmerston North this Friday and you can watch live here. Share this page with friends and family.

Ceremony One - Friday 27 November 2015 at 9.30am

- College of Science

[Watch on YouTube now](#)

Ceremony Two - Friday 27 November 2015 at 12.30pm

- College of Health
- College of Humanities and Social Science

[Watch on YouTube now](#)

Ceremony Three - Friday 27 November 2015 at 3.30pm

- Massey Business School
- Professional and Continuing Education

- New Zealand School of Music
- College of Creative Arts

[Watch on YouTube now](#)

Date: 27/11/2015

Type: Graduation

Categories: Home Page article

toasters, water kettles, lights, and more? Then add all the devices outside your home that are of interest when you are in their proximity, like parking meters and vending machines. Imagine how many apps you will have to install on your smart phone.

The prospect of app inflation clouds the future of the internet of things. But there is a silver lining – the ‘web of things’, or the ‘physical web’, as Google calls it. Instead of individual apps, devices use a general purpose browser. You can download this browser, called Physical Web, from Google's app store even though it is not yet an official Google product but rather an early-stage experimental project.

The technology behind it is UriBeacon, an open specification to connect devices via Bluetooth low power beacons to your smart phone. The beacons broadcast short URIs, or uniform resource identifiers. As Tim Berners-Lee, the father of the web, puts it: “A uniform resource identifier is a compact sequence of characters that identifies an abstract or physical resource.” If you are in proximity of an UriBeacon, the browser pulls in the URI broadcast of the device and shows it in a similar way as a Google search result, which you can then tap to interact with the device.

So no more flood of apps on your smart phone but one unified app for the internet of things. While there will be billions of devices on the internet of things, Bluetooth low power beacons have a limited range so only nearby devices will be picked up. For instance, you will only see the menu of the restaurant you are looking at, rather than the menus of all restaurants in town. Or you will only be able to transfer money to the parking meter for your car park, rather than any other one.

As the beacons just broadcast to you and don't monitor you, they are not a threat to your privacy as such. But in the same way that malicious websites can use spam and phishing methods to collect private information today, reacting to rogue beacons in the future could allow access to the personal data stored in your smart phone.

So if the web of things becomes a reality – and there is every chance that this will happen as UriBeacons are cheap and can connect to most modern smart phones – what will be next? Once regular web browsers are able to deal with beacons, their broadcasts can be incorporated into Google search results, providing you with geospecific information. This is when the web of things meets the web as we know it today.

Professor Hans Guesgen holds the Chair in Computer Science at Massey University's School of Engineering and Advanced Technology

Date: 28/11/2015

Type: Features

Categories: FutureNZ - Tech; FutureNZ 2015; FutureNZ Top

Food and other revolutions



Food and water are issues needing to be addressed in our immediate future

The future... no one lives there yet, but everyone is trying to work out what it will be like.

New Zealand, and the world, is in the midst of a period of extraordinary change that will transform the lives of everyone. As a university it is our job to help people understand what is going on and develop positive responses. We do this through our teaching, research, connections with the community, events such as our 'New New Zealand Forum' and our partnership with the *New Zealand Herald*.

Over the past three years Massey University and the *Herald* have joined forces to produce *Future New Zealand*. The aim is to get people thinking about some of the big issues that will have a major impact on our lives. Last year we examined the dramatic changes taking place in New Zealand's population. This year the key topic is the food revolution.

Food is, and will remain, one of the big issues of the century. In simple terms the world needs more food and better food sustainably produced. As a food producing nation New Zealand has a tremendous opportunity to make the most of the food revolution by moving what it does best up the value chain. Every single New Zealander, whether they are directly involved in food production or not, stands to gain.

But there is more to discuss about the year ahead. With the major United Nations climate change negotiations coming up in Paris this week, will New Zealand take a leadership role? How will 'big data', the 'internet of things' and robotics affect our jobs and lives? 2016 will also be a big year for politics and sport and our experts give their best insights and predictions for next year's local body elections and the Rio Olympics.

As you read this magazine, take the time to think about the future you want for this country and what we must do to get there. In the meantime, I wish you all the best for the coming year.

Steve Maharey,
Vice Chancellor, Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Top

What's your water footprint?



We need to start using more water-efficient products and be more aware of our water footprint

In a world with increasing levels of industrialisation and urbanisation, solid 'water credentials' could give New Zealand a competitive advantage. By Sarah McLaren and Ranvir Singh.

“Water is probably the only natural resource to touch all aspects of human civilisation, from agricultural and industrial development, to cultural and religious values embedded in society,” says Koichiro Matsuura, former Director-General of UNESCO.

As well as being vital for human society, water plays a key role in sustaining ecosystems around the world. Unfortunately, we are entering an era of increasing freshwater scarcity due to the over-exploitation of renewable but finite freshwater resources in large parts of the world. But much of this water use is effectively hidden from us, its final users. Each one of us, on global average, uses nearly 25 times more water indirectly (about 3800 litres per person per day) in the form of products and services, compared to direct water use in our households (about 150 litres per person per day).

There is growing concern around the world that the increasing population, industrialisation, urbanisation and changing lifestyles cannot be sustained if we continue on our current trajectory of water use. Instead, we must start using more water-efficient products and changing our everyday practices.

But how will we know which products are more water-efficient? And how can companies develop and market more water-efficient products? Water footprints are able to answer these questions, and are already used in environmental certification programmes such as the Australasian Environmental Product Declaration Programme, carboNZero and GreenStar. Globally, companies such as Unilever and Nestlé are using water footprint information about their products to guide their sustainability programmes.

A water footprint accounts for both the direct and indirect use of water and its associated environmental impacts during the production and use of a product or service. The concept was popularised by the Water Footprint Network in the early 2000s and more recently the International Standards Organisation (ISO) has published an ISO standard to guide water footprint studies. These initiatives, and a rapidly increasing body of

academic research on water footprint methods, have begun to untangle and clarify the complexities inherent in assessing the environmental impacts associated with water use.

In New Zealand, this work has taken place through research undertaken by the partners in the New Zealand Life Cycle Management Centre, and through individuals participating in development of the ISO Water Footprint standard. It is expected that, over the next few years, consensual water footprint methods and verification/certification systems are likely to be developed and introduced into the international marketplace.

Then companies will be able to credibly demonstrate the “water credentials” of their products and achieve competitive advantage. Water footprinting will become a mechanism for business organisations to assess their water-related risks and opportunities, demonstrate their environmental stewardship, and gain access to premium markets.

Freshwater in New Zealand is, by international standards, abundant due to plentiful rainfall across the country. Not only is it essential in producing the agricultural products that are the backbone of the nation's economy, it also plays a fundamental role in attracting international tourists and sustaining the quality of life enjoyed by New Zealanders themselves. Responsible environmental stewardship of water in New Zealand therefore has potential to deliver competitive advantage in the international marketplace.

So, what is required in order for New Zealand companies to demonstrate responsible environmental stewardship? Firstly, we must engage with emerging international initiatives such as the European Commission's Product Environmental Footprint programme. Then we must collect the data required to assess and reduce the impacts on our freshwater resources. Finally, New Zealand must develop, test and implement water footprint management programmes in different industry sectors.

In a world where greenwash is no longer tolerated, our ability to retain a competitive advantage for products based on “the New Zealand story” is dependent upon proactive and positive engagement with this agenda.

Associate Professor Sarah McLaren and Dr Ranvir Singh are researchers at Massey University's Institute of Agriculture and Environment

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Food; FutureNZ 2015

In vitro meat or insects, anyone?



As the global population grows we need to investigate alternative protein sources with a reduced environmental impact

Dr Corrina Tucker looks to the future and asks what protein will be on our plates.

If you look toward the future with an eye on food, and in particular with an eye on meat, you might find that you start to squirm a little. New Zealanders – like much of the developed world – are comparatively big meat consumers, averaging a little under 300 grams of meat per day. What's often overlooked is the impact this has economically, culturally and environmentally.

The world's population is growing rapidly and an increasing proportion of those people have higher standards of living than ever before. The environmental side-effects, combined with a growing demand for meat and other high-input resource foods like dairy, means current meat consumption levels cannot be maintained forever. Current projections suggest meat production will plateau by 2030 because of limited resources and environmental costs. So what will be on the horizon – or on our plates – in the foreseeable future?

In vitro (lab-grown) meat

This is meat grown from stem cells in petri dishes. It sounds like the stuff of sci-fi movies, but it is very much a reality – although for a number of reasons, including commercial viability – it is likely to be a few more years before we see it on supermarket shelves. Although the 'yuck factor' means this product will require some aesthetic dressing up or disguising, it has many potential benefits. It could become a more environmentally benign way of producing meat, animal welfare factors are not such an issue, and its leanness means that it would be a healthier alternative to other meat products.

GMM – genetically modified meat

Genetic modification allows you to make animals 'do' things differently to their non-modified counterparts, including growing faster and being more environmentally friendly. Examples are salmon modified to grow more rapidly; the 'enviropig' (or 'frankenpig', depending on your view of GMO), which has been modified to

decrease its phosphorus output and reduce harm to waterways; or cows that fart less to limit the amount of methane they produce. As with in vitro meat, many consumers will have reservations about eating something they deem as 'unnatural', but there's every likelihood that such flesh will be on our plates in future.

Insects

Endomophagy (eating insects) has been receiving a fair bit of media attention in recent years – and for good reason. Insects are widely eaten in different parts of the world and provide a lean source of protein that is often abundantly available. The 'yuck factor' is again a consideration here and some aesthetic work may need to occur for such foods to be deemed more palatable to those not accustomed to eating them. Mealworm, crickets and grasshoppers are popular candidates for mini-livestock production.

Nose-to-tail consumption

While not new, nose-to-tail consumption is, as the name suggests, eating as much of an animal as possible in order to waste as little as possible. The environmental benefits of consuming everything from offal to pig trotters comes from limiting waste and reducing demand. This eating practice is experiencing a renaissance moment with some celebrity chefs exalting the taste sensations you get from consuming animals' lesser-eaten parts (in a New Zealand context at least).

Non-meat proteins

If all of the above leaves you a little nauseous, the simplest idea is to eat non-meat proteins. This doesn't have to be the specifically-designed vegetarian products made to replicate meat – and it does not have to mean forgoing meat completely. It could simply be a well-balanced diet that includes a combination of vegetables, legumes, nuts and grains that, together, provide all the sustenance that humans require, with meat playing a much lesser role.

Dr Corrina Tucker is a lecturer in environmental sociology with Massey University's School of People, Environment and Planning

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Food; FutureNZ 2015

The global food trends New Zealand must lead



New Zealand is poised to lead the world in food safety and technology

Producing enough healthy, sustainable food will be a global challenge, but it also provides a local economic opportunity.

New Zealand's food industry is already a strong player internationally in the efficient production and processing of animal products and has a reputation for high quality and strict safety standards, says Distinguished Professor Harjinder Singh, director of the Massey Institute of Food Science and Technology.

“We must maintain this competitiveness and further enhance our ability to innovate if we are to capture a larger share of the massive growth in demand,” he says.

“Whether it's developing strong brands for specialty cheeses, yoghurts and fermented meats, or creating natural functional foods for the health-conscious middle classes, New Zealand will need to maintain world-class programmes in food research and training, underpinned by investment from government and industry.”

Fortunately New Zealand has an excellent research base through its Crown Research Institutes and universities. And, in recent years, a number of cross-institutional and cross-discipline collaboration networks (for example Riddet Institute, Food Safety Science Centre, and the High Value Nutrition National Science Challenge) have brought the nation's scientific resources together to bear on specific food issues.

We asked Massey University's food and agriculture experts to identify the five key trends New Zealand must lead if it's to protect its economic future.

Genetic modification for good

Science and technology will play a key role in solving complex food production challenges, according Professor Singh. “The latest developments in genetic modification and nanotechnology show great promise in increasing plant and animal productivity, with minimal environmental impact,” he says.

This area of science has the potential to reduce the need for irrigation and pesticides, while reducing greenhouse gas emissions, enhancing food safety and improving the nutritional quality of products. It could mean clover that doesn't cause bloat, ryegrass that can survive drought conditions and kiwifruit that doesn't get Psa, says Professor Peter Kemp, head of the Institute of Agriculture & Environment.

"The world is in the middle of a genetic revolution but, when it comes to agriculture, New Zealand is in a time warp created by the 2001 Royal Commission Genetic Modification," he says. "We make use of molecular genetic techniques to improve our breeding of agricultural plants and animals but we do not use genetically modified plants or animals. Yet other countries do, and we use their products."

Science will have to overcome the hurdle of public opinion before farmers can take advantage of genetically-modified crops and consumers are willing to eat them.

Precision agriculture

Professor Kemp also believes precision agriculture, using GPS (global positioning system), sensor technology and robotics, has the ability to revolutionise the agricultural sector by decreasing both production and environmental costs. Clever weed control and precision fertilizer application systems are a good example, he says.

"Sensors on sprayers can recognise weeds so the use of herbicide is kept to a minimum. Fertilizer applied from a plane can be targeted to pastures that will respond, with poorly responsive areas such as steep slopes or environmentally sensitive areas like wetlands left untouched."

Meanwhile, Massey University's Fenix hyperspectral sensor gives a peek into the future of land monitoring. "It can be used to map whole catchments from a plane to determine the pasture production and feed quality, fertility of the pasture, the pasture species present, tree diseases, slope erosion and other variables," Professor Kemp says.

"In the future this technology will be used to monitor the health and productivity of agricultural and indigenous vegetation over whole river catchments regularly so action can be quickly taken as required."

Food sources you can trust

The city dwellers of the future, particularly in Asia, will continue to demand foods that are rich in animal-derived proteins, characterised by the consumption of fresh meat and milk.

"Animal products are generally seen as nutritious and healthy – particularly dairy – by these consumers, but they are highly susceptible to risk of contamination," says Professor Singh. "Ensuring safety across all aspects of animal production and processing, as well as distribution systems, will become even more critical in the future."

Another key trend, Professor Singh says, is the traceability of products as consumers increasingly pay attention to the origin of their food and whether it is safely and sustainably produced.

Functional foods for personalised nutrition

In developed markets there is a growing demand for more specialised protein products that are tailored to a person's individual nutritional needs. This trend is reflected in functional foods, where staple foods have health-promoting minerals and nutrients added to them.

"The co-processing of milk and meat protein components with other uniquely New Zealand products – for example manuka honey and kiwifruit – offers a huge opportunity," Professor Singh says. "There is great consumer interest in the health-promoting properties of 'natural' functional foods and their ability to prevent the onset of diseases like diabetes, coronary heart disease and cancer."

Back to the future fermentation

Professor Richard Archer, the national leader for a new \$16.65 million research project into food processing, says processed foods get bad press, but it wasn't always this way. "Seventy-five years ago it was the opposite," he says. "Only the poor made do with in-season, local food. The rich chose processed for safety and for out-of-season variety."

Today, while modern preservation techniques strive to preserve nutrients while killing bugs, he says, it's the treats section of the supermarket aisle that is one of the food industry's biggest growth areas and "a large part of processed foods' villainy".

Professor Archer says one of the really exciting processing trends is fermentation – it's a traditional method that consumers understand that has many health benefits. Unlike the refining processes of many food staples, fermentation doesn't lead to the loss of fibre, micronutrients and healthful phytochemicals.

“The fermentation process adds vitamins, renders inedible foods digestible, destroys pathogens and adds tang!” he says. “The challenge, then, for food scientists is to develop the processes to produce fermented foods at an industrial scale, while maintaining those features that consumers associate with healthy ‘unprocessed foods’.”

Date: 29/11/2015

Type: Features

Categories: Home Page article; FutureNZ - Food; FutureNZ 2015; FutureNZ Top

The food revolution: Global food security



We can't afford to produce more food at the cost of the environment

In a world where the population is ballooning and the environment is under pressure, producing enough healthy, sustainable food will be a global challenge — and New Zealand has an important role to play. By Paul Moughan.

The world is facing one of its biggest challenges – how to provide nutritious food for a predicted world population of nine billion people by the year 2050. Not only is the world's population growing, but so too is the “middle-class” – meaning a greater demand for processed foods and high protein foods such as meat, milk, eggs and fish.

The challenge in producing the necessary volumes is considerable, especially when more than 600 million people in the world currently go hungry and many more suffer from micro-nutrient deficiencies. At the same time, in developed and developing countries, increasing numbers of people are overweight, predisposing them to a raft of diseases.

The problem is escalated even further when the potential effects of climate change and environmental degradation are considered. Not only do we have to produce much greater quantities of food and diverse dietary ingredients, but this must be done in an environmentally sustainable way and in the face of difficult-to-predict environmental changes. We simply cannot afford to produce more food at the expense of the environment.

The current world thinking is that food production can be met without bringing new land into production. That would be disastrous in terms of the loss of biodiversity and carbon emissions so it needs to be achieved by “sustainable intensification” and closing current yield gaps – the difference between potential and actual yields.

It is easy to talk about sustainable intensification, but much harder to achieve this in practice. Factors influencing food systems and increases in food production are complex and multi-variable, differing from

region to region and nation to nation.

There is a need for enlightened policies to guide increases in food production while, at the same time, mitigating environmental losses. The two processes are not mutually exclusive and we need to start factoring environmental costs into overall production costs, so that the true cost of food production is reflected in price.

The demand side also needs to be considered. Reducing food wastage must be a key target, and reducing the consumption of animal products produced from land directly competing for grain production needs to be carefully considered.

For the foreseeable future food will continue to be produced in rural and semi-urban areas and transported to cities. We will also need to develop more efficient systems and technologies for food storage, processing and distribution to cope with the increased demand.

So, what does this all mean for New Zealand? Our relatively small island nation will never produce enough food to feed the world, but we can become an international research, education and technology hub. We could become the place that develops best practice production methods – the world's largest pilot farm, if you like – leading by example.

We need to become leaders in the transfer of agricultural knowledge and exporters of clever agrifood technology and education. The world is going to need many more agricultural and food scientists, veterinarians, nutritionists and ecologists. New Zealand has always excelled in research and advanced training in these areas so we need to stand ready to play our part over the next 30 years.

Distinguished Professor Paul Moughan is co-director of the Riddet Institute, a national Centre of Research Excellence focused on food-related science, hosted by Massey University. He is also a member of a global think tank on world food security run by the InterAcademy Partnership, an umbrella group of the world's science academies.

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Food; FutureNZ 2015

Can Auckland North be the next Silicon Valley?



Grow North aims to identify ways to develop an innovation district in Auckland's north

Barcelona, Spain. Boston, Massachusetts. Auckland, New Zealand? The creation of innovation districts is an urban planning trend that has emerged in cities across the globe – and many are asking if Auckland's North Shore could be next. The notion has been bubbling away for some time, but there's currently a groundswell of activity to really get the idea off the ground, says Rebecca Gill.

Massey University, industry leaders and Auckland Council have partnered to undertake a research project dubbed Grow North. This project aims to identify the obstacles and opportunities in developing an innovation district in Auckland's north.

What might this look like? At this stage, this is a very open question, but after interviewing a broad range of interested stakeholders, several key features have been universally identified. The first is the recognition that an innovation ecosystem already exists, both virtually and physically. There are small hot spots of collaboration and co-working peppered throughout the area north of the Auckland Harbour Bridge – and these must be fostered, rather than shut out of a newly-established ecosystem.

The vision that is emerging is not of a single location, but of a series of closely connected sites. Albany, Takapuna and Orewa are the most commonly suggested centres, given the activity already taking place in these places. Organically each will develop its own culture and focus – whether it's tech geeks or social innovators – but all three would need to collaborate and work together to create a single regional identity.

There must be an identifiable and meaningful brand that people can coalesce around. The district needs a heart and good transport connections are a must, both between the three locations but also linking Auckland's north with the central city and Northland. A free, light rail link seems the most obvious answer so the multiple locations are strongly networked together.

Another crucial factor is ensuring the local community is included in the vision. Those who might not automatically consider themselves part of the “innovation ecosystem” must still feel welcome. A public

innovation centre must be part of any development, a place to hold workshops and lectures, where school groups can visit and art installations can be displayed.

These areas need to incorporate mixed development sites so they can become hip, vibrant and diverse places. They also need robust infrastructure, from high-speed broadband to public and commercial spaces for co-working and shared services. Buildings must contain a mix of shops, restaurants, offices and residential apartments to provide spaces where people live, work and just hang out.

We often hear that regions want to become the “next Silicon Valley”, but to do so is impossible. The growth of industries, occupational trends and the values that support them are created by history and culture, shaped from the identity and geography of the place itself. We must not forget, too, that Silicon Valley is not enviable in all ways. It struggles with a growing wage gap and the glass ceiling for women and ethnic minorities, not to mention overwork, the stress of competition and traffic congestion.

While cities often see innovation districts as a model to stimulate economic growth, as a concept innovation is not limited to the realm of for-profit business development. An innovation district has the ability to address issues of social justice and inequality, education and working ‘smarter’. It should help to identify and solve problems, including the ‘wicked’ and intractable problems of our times.

The most successful innovation districts are a mash up of diverse sectors, where organisations are open with their communication and collaboration. Our diversity is also our best source of innovation. We already have the advantage of this country’s biculturalism and, increasingly, multiculturalism and multilingualism. Immigration, particularly of highly skilled and educated migrants, often leads to increased innovation and patents.

Universities also have an important role to play and Auckland’s North Shore has several campuses that can contribute by developing and attracting talent. As institutions we already teach creative and critical thinking, the history of ideas, and collaborative work. But education in an innovation ecosystem will focus these modes of thinking on problem solving and disruption of the status quo, bolstered by new courses in coding, project management, and innovative leadership.

Supporting this will be innovative lab space on college and university campuses that draw together public, industry, and government interests to work across disciplines. I see on-campus student hatcheries that link to business incubators, accelerators and co-working spaces out in the community.

Auckland’s north already has many pre-requisites for an innovation district, including universities, incubators like the ecentre and supportive local government. It seems to me the right mindset and culture also exists and the region is beginning to embrace its own, distinct identity.

This is a 10-year plan, but one that is within reach with the right support. With the necessary infrastructure and a meaningful brand, the region should have no trouble becoming a ‘magnet’ for talent and innovation. The economic and social benefits flow from there, including new ventures, additional jobs, wage increases, and better living spaces and quality of life.

Dr Rebecca Gill is an innovation and entrepreneurship lecturer at the Massey Business School. She is also lead researcher for the Grow North project

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Business; FutureNZ Top

A robot stole my job: Preparing for the new age of automation



Robots with next-generation artificial intelligence will take over more and more jobs

The latest sports or financial news you read in this paper could have been written by a computer without you even noticing – one of the signs that we are in the midst of a revolution potentially more transformative than the industrial revolution, says Ted Zorn.

That revolution moved humankind from manual to machine labour, and brought dramatic social changes and standards of living. The current revolution, driven by rapid advances in information and communication technologies and biotechnologies, will similarly bring massive changes in how we live and work. While the benefits are potentially huge, so are the dangers. Machines churning out news stories, along with driverless cars, 3D printed human hearts and memory recording MRI scans, are just the beginning.

The speed of innovation, particularly in chip processing and memory capacity, means a near exponential rate of development is ahead of us. Artificial intelligence expert Neil Jacobstein predicts that AI (artificial intelligence) will overtake human intelligence in the mid-2020s.

Experts nervously debate what this technological revolution will mean for the future. There is no question that there will be heavy disruption to employment patterns as ever-increasing numbers of jobs face automation. Jobs that are routine and repetitive are of course already being replaced. Retail checkout clerks, tax preparers, bank tellers and telephone operators are quickly disappearing. Many other service and retail jobs could soon go the same way as manufacturing jobs.

However, jobs that require complex pattern recognition and non-routine cognitive tasks are not immune from automation. Ten years ago, driverless cars were an impossible dream because of computers' inability to recognise and respond to rapid changes in traffic and road conditions. Today, Google's independent cars are already proving more reliable than human drivers.

The impacts on the logistics and transport industry of this technology could be huge, affecting taxi drivers, couriers and pilots, among others. Similarly, 'big data' already enables computers to carry out some activities faster and better than a human. They can already identify fraud faster than an accountant or diagnose illness better than a doctor. One study predicts that 47 per cent of jobs could become automated in the next 20 years.

New Zealand will not be exempt from automation. Two of our most important industries – agriculture and tourism – will undergo significant change in the coming decades. Agriculture and horticulture will increasingly see agricultural robots (or agbots) automating processes such as harvesting, fruit picking, ploughing, weeding, planting and irrigation, particularly on commercial farms. Hundreds of agbots equipped with microscopic sensors could potentially coordinate and work the land with minimal human intervention within the next 10 years.

The dairying industry will also see changes in the pipeline with robotic systems that automate the entire milking process. Meanwhile, drones are already monitoring farm conditions as they are quickly able to reach hard-to-access areas faster than a farmer ever could.

While the possibility of automation might signal warning bells for many industries, agriculture may be an exception. A shortage of agricultural workers is foreseen, and agbots could provide much needed labour. A recent report launched by Minister for Primary Industries Nathan Guy highlights the need for 50,000 more workers in agriculture by 2025. Agbots could fill this gap, working longer and more quickly and without human injuries.

The development of automation in agriculture also creates opportunities for New Zealand. A recent report commissioned by New Zealand Trade and Enterprise estimates New Zealand's agri-technology exports are currently worth \$1.2 billion per annum and there is great potential for this to increase. The report also showed New Zealand is emerging as a leader in providing agricultural technology solutions – a strength we should build upon.

Tourism, New Zealand's second largest export earner, is also facing technological innovation – the airline industry being a frontrunner. The process of air travel, from reservations, to check-in, security, and baggage handling, are increasingly automated. It is already the norm to check-in online before arriving at the airport, use an app instead of a ticket, and to label and deposit your bags yourself.

The hotel industry is also undergoing change. In July this year the world's first "robot hotel" opened its doors – the five-star Henn-na Hotel in Japan – and is staffed almost entirely by robots. The robots greet and check in guests, carry their luggage, and clean their rooms. Facial recognition software replaces room keys and guest requests are managed through tablets. There are other examples: a hotel chain in California last year launched robot butlers ("Botlers") to welcome and assist guests during their stay. There are also developments in the pipeline for smart technologies that enable guests to check-in using just their fingerprint, or open their hotel rooms using a smartphone as a key. Robot bartenders and robot customer service representatives are already a reality.

The trickle towards the automation of jobs may be relatively slow for the moment, but the flood may not be far off. With this in mind, which occupations will be the most resistant to automation? High-skill jobs requiring creativity, social intelligence and decision-making are least at risk, at least in the short to medium-term. So, managers and social workers, for example, repeatedly show up in the "safe" category. But some low-skill jobs – home-care and cleaning, for example – will also be largely unaffected in the near future.

As a business school dean, I think a lot about how we prepare our students for the future. We must ensure students are tech-savvy and can work effectively with new, digital tools. A willingness to use technology to complement and enhance our effectiveness is critical. We must ensure graduates are also equipped to continuously learn, innovate and adapt.

Policymakers must also prepare for a future that could see at least temporary mass unemployment, both by preparing to retrain large numbers and preparing for the possibility that technology will finally lead to what futurists have been forecasting for decades – an economy that simply requires far fewer workers. Managed well, this could mean enriched lives of more leisure and fulfilment. Managed poorly and it could mean massive disruption and social conflict.

Professor Ted Zorn is the Pro Vice-Chancellor and Dean of the Massey Business School

Date: 29/11/2015

Type: Features

Data Science: making use of a valuable by-product



Data science promises to contribute innovative solutions to upcoming challenges

We are at a point in our technology-saturated society where data is a by-product of almost every day-to-day activity we engage in, say Ray Geor and Teo Susnjak.

The enormous amounts of available data have become the modern-day goldmines out of which valuable insights, scientific discoveries and actionable knowledge can be extracted – insights that can benefit society as a whole or deliver to businesses increased profit and competitive advantage. This rapidly developing field of 'data science' is transforming much of our daily lives and there is a growing demand for data scientists, the so-called 'big data skills gap'.

By virtue of being a blend between computer science, modelling and statistics, data science is the craft that transforms data into knowledge and action. In contrast to traditional business intelligence practices which are typically backward-looking, data science is instead focused on generating actionable intelligence based on historical data by identifying patterns and predicting future outcomes.

It is the wizardry of data science that powers your favourite book recommendation engine and your mobile phone's speech recognition system. Every time your phone or camera detects faces in images, or Google anticipates your search query, it is the predictive power of data science at work.

Our email inboxes are conveniently protected by spam and our credit cards periodically cease to work because a fraudulent transaction has been detected, all thanks to actionable knowledge produced by data science algorithms and the underlying programming. Many of our medicines have been developed using data science and computational chemistry, while our investment portfolios are increasingly likely to be algorithmically traded by systems using predictive modelling.

New Zealand faces some big challenges ahead and it is data science that promises to contribute innovative solutions. Our health system is under increasing budgetary pressures and is continuously under threat of

cut-backs where the intention is to achieve greater efficiency without sustaining deterioration in the quality of patient care. Improving diagnostic methods, targeted patient treatment and ultimately improved disease prevention are some of the crucial components to realising both better efficiency and quality of the healthcare system – and data science is at the forefront of research into this.

At the Vanderbilt University Medical Centre in Nashville, doctors receive real-time alerts that guide selection of drug therapies based on complex analysis of treatment response data from thousands of other patients with similar clinical and/or genetic traits. This approach promises to realise unprecedented improvements in patient outcomes together with savings in healthcare costs. Using data-driven analysis from extensive patient databases, current medical literature as well as mobile monitoring of patient data, doctors at Stanford Medicine are moving towards the reality of diagnosis and intervention before symptoms even develop.

Burglary and theft-related crime make up 45 per cent of offences in New Zealand. In order to tackle burglaries and other property crimes, the Los Angeles Police Department recently turned to data science and software whose underlying algorithms were originally used to predict earthquake aftershocks. By modifying the software to instead process historical incidents of crime as well as a continuous feed of real-time data on current criminal events, they devised a system capable of predicting where and when future crimes would occur. By dispatching officers to the predicted locations at a given time, this type of crime reduced significantly.

This may sound like it belongs in the realm of science fiction and Hollywood blockbusters, but the astonishing success of this predictive system has now resulted in its roll-out in numerous other jurisdictions across the United States and there is strong interest internationally. Meanwhile, the frontiers of predictive policing are being extended in the United Kingdom by the Durham Constabulary, which is currently deploying a forecasting algorithm designed to predict the likelihood that a suspected criminal will re-offend and commit another crime based on a number of demographic, personal and offence history inputs.

Just as all sectors of our society stand to gain immensely from applications of data science, the success and failure of businesses is also increasingly becoming dependent on their ability to drive more value out of their data. In today's global market, businesses need to do more than just meet the challenges before them, but instead must be able to accurately anticipate the future.

New Zealand businesses are particularly struggling with how to transform data into intelligence which can be deployed and operationalised for a competitive advantage. Great opportunities lie ahead for New Zealand businesses, especially in the areas of analysis of the purchasing behaviour of customers as well as a greater leverage of their data from customer loyalty programmes.

As technology drives change at an unprecedented speed for the world's workforce, the information sector is one of the few secure jobs of the future. If you are looking for a career change, consider data science, dubbed by the Harvard Business Review as “the sexiest job of the 21st century”.

Professor Ray Geor is Pro Vice-Chancellor of the College of Sciences and Dr Teo Susnjak is a lecturer in IT and the Data Science major leader at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Tech; FutureNZ 2015

Can tourism save our economy?



Tourism can provide New Zealand with a great return on investment

With a bit of diversification, Professor Harald van Heerde believes it can.

Many of us follow the ups and downs in dairy prices as closely as we follow the All Blacks. As a country we depend a lot on the price cycle of dairy – many commentators would argue too much. The key problem is that milk is a commodity that is mass-produced in other places, especially since the EU has lifted its quotas.

But we do have a unique selling proposition with tourism. We may not notice it when we are stuck in our daily traffic jams, but New Zealand is blessed with features that make it a very attractive destination. The scenery is stunning, it is compact, the main language is English and it is generally safe to travel here. That's why international tourism has grown to a \$10 billion industry, edging closer to dairy as our number one export earner. Travel and tourism (including domestic) constitutes close to 15 per cent of the country's GDP.

The problem is that tourism is also highly cyclical, even more than the economy as a whole. Holidays are the first thing consumers cut back on when the economy turns sour. So if a country goes through a downturn, visitor numbers from that place dry up, especially because New Zealand is a far-away destination for 99 per cent of the world's population.

My research has shown there are several things we can do about this. While we cannot control the world's business cycles, we can ride them better. For most sectors, ups and downs in the business cycles are different in nature: downs are quick and deep, and ups are slow and gradual. Interestingly, this does not hold for tourism. Compared to the rest of the economy, tourism bounds back faster after a downturn. When consumers have just gone through a recession, they want to reward themselves with a nice holiday. So tourism can be the engine for kick-starting the economy after a recession.

Another insight is that countries do not go through peaks and troughs at the same time. Unlike dairy prices, where we put all our eggs in one basket, international tourism is driven by the economic situations in different countries. For example, Europe and Australia go through quite different cycles, and the same

applies for North America and South East Asia. So if one region is sluggish, we can turn our attention to other, improving regions.

Another very interesting research finding is that countries are more responsive to our tourism marketing in downturns as there is less competition from other competing destinations. I have also found that those countries with the most volatile economies have the biggest long-term growth potential for tourism to New Zealand – China, Indonesia, and South Korea are all good examples.

Another natural buffer is the fact that many visitors come here to visit friends and relatives. This group is much less sensitive to the business cycle than regular tourists. In the light of the recent surge in immigration numbers, especially from Asia, we can expect many follow-up visits by friends and family members in the years to come.

As a country we can – and should – further boost visitor numbers through tourism marketing. Tourism New Zealand spends roughly \$120 per year million on promoting this country overseas, which may sound like a lot but it is about 1 per cent of international tourism revenue.

After analysing the return on New Zealand's tourism marketing investment, I found for every dollar spent, we earn around a net two dollars for the economy. That is a great return on investment, and I believe Tourism New Zealand should be applauded for its efforts. But we could earn even more if the government and its partners invested more in marketing, and if they invested it smarter.

Many international firms, as a rule of thumb, spend 5 per cent of revenue on marketing and big firms sometimes even up to 20 per cent. Given the effectiveness of the spend, I believe the government should increase its international tourism marketing budget by at least 50 per cent.

I have also calculated the return on Tourism New Zealand's current marketing spend if it was allocated differently, with an eye to diversifying better across countries and the business cycle. I am confident that a net gain of around \$80 million can be made for the economy.

Making New Zealand more accessible also helps a lot. The country achieves great returns every time the number of flight connections increases. Direct routes from Auckland to populous countries like India, Brazil, Philippines, Indonesia (other than Bali) or Mexico could do wonders for our tourism numbers.

We also need to think about the way we promote our country. For too long, New Zealand has relied on its scenery to appeal to tourists. As a result we attract a lot of backpackers and tour buses just visiting the obligatory highlights. Catering for a wide range of holiday styles allows us to spread tourism streams more evenly over the seasons and around the country. 100% Pure New Zealand is great, but limited, and it's time to diversify the experiences we market as well.

Professor Harald van Heerde holds the MSA Charitable Trust Chair in Marketing at the Massey Business School and is the highest ranked marketing scholar in Australasia

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Business

Who's running New Zealand's companies?



Women are largely absent from the top table at NZX-listed companies

There are more men named David running New Zealand companies than there are women. That is, women of any name. There are also more men named Mark, Christopher and Michael, and just as many Johns and Graemes or Grahams, says Deborah Russell.

That's what an analysis of the first names of CEOs of all the entities (companies and investment funds) listed on the New Zealand Stock Exchange (NZX) tells us.

Looking at the chairmen of listed firms, the same pattern of names appears. There are more men named Peter, David, John and Chris than women of any name chairing NZX-listed firms, and just as many men named Michael. (See the tables for a summary).

In percentage terms, of the 270 or so people who are either CEOs or chairmen of NZX-listed firms, about 4 per cent are women.

At first glance, the news is somewhat better with respect to directorships. Using the same technique of counting each individual only once, there are 744 directors of NZX-listed firms. Of these, 104 (14 per cent) are women.

CEOs of all NZX-listed entities

Given name	Number
David	13
Mark	13
Christopher / Chris	7
Michael	7
Women of any name	5
Graeme or Graham	5
John	5

Chairmen of all NZX-listed firms

Given name	Number
Peter	11
David	8
John	7
Christopher / Chris	6
Women of any name	5
Michael	5

Even so, it's still a man's place around the board table. There are 60 firms that have all-male boards, and no firms whatsoever that have all-female boards. Four boards have equal numbers of men and women, although three of those firms are related investment funds, all run by the same people. Only two boards have more women than men.

In addition to the 60 firms that have all male boards, there are another 52 firms that have only one woman on their board. That's over 70per cent of boards that have very low female representation. No matter which way the numbers are juggled about, women are very much in the minority in the top level management of NZX listed firms.

Without even considering equity issues, this is bad news for New Zealand firms. Research tells us that firms do better when there is more diversity in their leadership and management. That seems to be because people from different backgrounds bring different perspectives to issues, encouraging people to test their ideas and arguments against a variety of competing alternatives. Proposals that have withstood scrutiny from a range of perspectives are more likely to succeed.

Having at least one woman on a board increases diversity, as does having people from different ethnic and national backgrounds. However, it seems to be important to have more than just one "different" person.

Research also tells us that contrary to urban myth, women support each other in discussions, ensuring that each other's voices are recognised and heard. There's a famous Punch cartoon, with a chairman saying, "That's an excellent suggestion, Miss Triggs. Perhaps one of the men here would like to make it." Having more than one woman on a board makes it more likely that Miss Triggs and her peers are given credit for their ideas.

Fortunately, there's a broad range of work going on to encourage firms to diversity their governance. NZX requires listed firms to report the gender diversity of their boards. Firms are not required to adopt a diversity policy, but they are encouraged to do so. This simple disclosure requirement means that boards have to at least consider issues of diversity.

The New Institute of Directors has a Future Directors programme. Encouraging women to participate in this programme will enhance their chances of obtaining a board position.

The Ministry for Women runs a nominations service to facilitate the appointment of women to state sector boards and committees. This service could be expanded to private sector companies as well. The objective would be to encourage women to take that next step up, and to provide a resource for companies to find excellent women for board positions.

It may seem absurd to compare Peters, Davids and Marks with all women. Yet when we do, it perfectly illustrates how corporate New Zealand excludes women.

All it takes is a bit more thought and effort, to pause before leaping to the safe choices that are always made. Then, in ten years time, there will actually be many more Susans, Rebeccas and Sarahs appearing in the lists of directors.

Dr Deborah Russell is a taxation and business lecturer with the Massey Business School

**Data was sourced from annual reports presented to NZX during the year from 1 April 2014 to 31 March 2015.*

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Business

Badging - a new way to personalise learning



Digital badging offers a flexible way for people to learn and have their knowledge and skills recognised

By Mandia Mentis

Digital badging is an emerging education trend that offers a fluid, informal and flexible way for people to learn in different contexts and be recognised for the knowledge and skills they've acquired. As the name suggests, it is a contemporary, online version of a Scout or Girl Guide badge you earn for a specific skill. A digital badge is customised, open source and available to everyone.

A 'badge' is a way of displaying and verifying an achievement, ability, skill or interest that can be achieved in a variety of learning environments. It could be a formal academic award or the demonstration of abilities and "soft skills" such as leadership, communication, collaboration and organisational skills.

Badges are small digital images of pictures, symbols or words that signify achievement. The image is hyperlinked to information about who issued the badge, when, and the criteria of achievement. The receiver can display their badges on their personal websites, blogs, or digital CVs, and the hyperlink allows anyone to check the credentials of the badge.

What impact might badging have on traditional learning methods and institutions? We have identified three areas where badges challenges the status quo and offer innovative teaching and learning opportunities.

Badging for formal and non-formal achievement

Skills, knowledge and competencies can be acquired across many different contexts: in formal classrooms, on the sports field, through cultural events, in the workplace, through hobbies and clubs. Badging is a way to acknowledge learning that is authentic, networked and made of many parts. It connects formal and non-formal achievements, enabling a learner to showcase individual strengths and interests across a range of areas.

Badges can be used to evidence: achievement in a formal assessment, an endorsement from a peer, or recognition of soft skills. These can provide a more detailed and personalised learner profile. Massey's

Institute of Education is piloting the use of formal and informal use of badging in professional programmes. Badges are awarded as learners progress through online courses and as credits for completion. Achievements outside of formal course work as well as interaction in online learning are badged as evidence of meeting core competencies.

Badging to 're-bundle' traditional courses

Twenty-first century teaching and learning is flexible and distributed with free access to information anytime, anywhere. Open online courses are easily accessible and badging is a mechanism to credit achievement.

Badging offers potential for traditional programmes to be designed in different ways. 'Unbundling' a course into modules enables learners to 're-bundle' the modules most relevant to them so they can design their own learning pathway. Badging each module enables learners to either step through a prescribed course at their own pace or to mix modules.

Badging for online identity as a life-long learner

Learning is not just about what you know – it's increasingly becoming more about who you are and where you belong. Badging can be used to develop an identity as a life-long learner connected to a field of practice.

Displaying badges of capabilities as part of an online identity enables learners to present a more complete picture of themselves to various audiences, including potential employers, mentors, peers and collaborators. This online identity, showcased through badges in a personal or professional website, blog or portfolio enables networking with other professionals and learners.

Learners can develop a professional online portfolio with badged achievements. Portfolios showcase evidence of a professional identity as they document ongoing professional learning, continuing competence, and provide a vehicle to network with other professionals in practice.

Digital badging challenges traditional approaches and offers innovative alternatives to credit skills and knowledge outside the formal curriculum. For some learners, badging is motivating and fun, helps to track progress, validates soft skills, recognises that learning is flexible and open and that achievement occurs across contexts. Many say it's the next revolution in learning.

Associate Professor Mandia Mentis is from the Institute of Education at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Education

Wanna know the future? Ask the kids



Emerging musicians are capitalising on new technologies to spread their music globally

Futurists and new musical entrepreneurs have all posed some relatively sound predictions for the music industry, but the best prophecies come from young consumers, says Andre Ktori.

The youth audience determines trends through consumption and it is this generation who will drive innovation and production in the future. Looking at patterns in their music consumption highlights demand for fast access to music that can be shared across multiple devices, regardless of its source or format.

Sound recognition tools and social media platforms, such as Shazam, are being used to identify and discover music. These can then be linked seamlessly to a download portal or it can trigger a search on a video or audio-streaming service, which enables free listening.

The fact that artists should be paid for their creative works seems not to be an issue. Digital music is not seen as having monetary value when it can be streamed for free or obtained illegally from a file-sharing system.

Young audiences' seeming lack of value in linear digital music can be attributed to a culture that values interactivity and experience. They are less interested in passive consumption and more interested in games and social media. And as music becomes easier and easier to access, the more important word-of-mouth becomes.

This engagement also includes the ability to connect with artists through a range of media and live events. Live music seems to be resilient at the moment, but what will be the effect of free live-streaming apps, for example?

Younger consumers also want to interact and be part of an *experience* by having strong online and mobile social identities and communities of cultural interest. Access to free and inexpensive digital production tools also enables consumers to create new works and compositions from the original. This 'plunderphonics' such

as remixes, mashups and new musical derivatives satisfies this desire for interaction and engagement with the music.

Writing and producing good music while building a live following and brand has, and will always be, king. But there is a new type of musician emerging – one that writes good music but also builds new ways to generate and distribute that music. Emerging artists tend to be cautious and strategic. While they may benefit from collaboration with experienced musicians, we are seeing emerging New Zealand indie artists researching for themselves international distribution, publishing deals and agents' roles, as opposed to the major labels doing the work.

How can we support the new wave of smart young impresarios to commercialise future technologies and the content they create? If we are to address the skills shortage in creative technologies and champion the value of combining technology, business and creativity to drive growth in the economy, we have to invest in the education and development of our future citizens.

We are beginning to see some forward-thinking schools, colleges and universities supporting the move from STEM (Science, Technology, Engineering and Maths) to one where art is acknowledged as essential in the mix. It is an acknowledgement that creativity, technology and business can coexist comfortably together.

To survive in the competitive global market of music we need to promote and deliver a wide range of new technological skills that fuse with traditional abilities such as musical technique, composition and performance. Not only should musicians know how to operate in a digital world but they also need to be specialists in promotion and communicating with fans –nationally and internationally.

Successful musicians will need to be fluent in media production and branding, while having a global perspective that is culturally, socially and politically informed. They need to be able to engage in complex debate – such as new and future models for copyright and collection.

With luck, New Zealand will see the emergence of many such informed artists – ones who are original, creative, focused, strategic – yet sincere. To be commercially successful, they will need plenty of talent, but they will also need to appreciate their audience and know how to engage and grow their fan base.

Associate Professor Andre Ktori is head of the School of Music and Creative Media Production at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Business

The changing faces of New Zealand retail



New Zealand's retail landscape is changing

The New Zealand retail industry is experiencing an unparalleled period of change and flux. For the very first time, sales growth online is now outstripping growth from stores. Sales conducted via online channels equated to approximately 10 per cent of the overall industry's annual \$75 billion sales in 2014. By Jonathan Elms.

While this is a sizable figure, it does need to be put into some perspective. For example, the New Zealand online retail market is a little more developed than our Australian neighbours, who have about 7 per cent of their overall sales conducted online, but the Australian retail industry is significantly bigger in scale and value. In the United Kingdom, nearly a quarter of all retail sales are done over the internet.

Worryingly for established New Zealand retailers, Kiwi consumers are increasingly using the internet to shop for products from overseas rather than local providers. This, combined with consumers accessing products via multiple channels including smartphones, apps, laptops, tablets and catalogues – the so-called omni-channel retail environment – is serving to destabilise traditional methods of retailing.

One question that I am frequently asked is, "Will stores completely disappear in the future?" My answer to this is simple: no. Stores will continue to occupy a place in the high street but the role, function, and characteristics of stores are likely change over time.

So, why is this the case? Well, Kiwis like shopping, hanging out in shopping malls, or meandering around shops browsing and buying. In-store customer service, and valued interactions between staff and consumers, cannot be emulated online. Some product categories are not entirely amenable to online purchase because they are non-standardised, either across retailers or countries, or because they are perishable or seasonal (such as fruit and vegetables). Consumers also want to touch, feel or smell particular products before purchasing them.

Evidence from overseas does suggest that online retailers are slowly changing consumers' perceptions towards these product categories, resulting in online sales for these items rising significantly over the last

few years. Nearly one-quarter of all British families shop online for food on a regular basis.

Long-term projections are that approximately one-third of all retail sales will occur online, with the remaining two-thirds conducted in stores. Retailers may need to reconsider how stores fit in their property portfolios, and how they are managed.

For example, studies conducted in the United Kingdom and the United States suggest that some consumers are becoming increasingly disillusioned with large, out-of-town, big-box retail stores and are preferring to shop locally in smaller stores instead, or shop using the internet. The findings of these studies conclude that this is more likely the case when large stores are not run well, not looked after or are dated, when staff are not trained well and the store space is not fully utilised.

The message is here that store-based retailers need to up their game. Being good isn't good enough anymore; retailers have to excel in what they do. Retailers who offer their products via multiple channels must manage and coordinate each of their channel offerings in order to provide consumers with a seamless overall shopping experience. All retailers should clearly identify and articulate their brand's unique position relative to their competition.

For retailers with stores, this will involve a consideration of the locations of their stores and the selection of products they sell in-store, how their products are sold, as well as providing a pleasant and distinctive store environment. The latter will increasingly involve using good design and architectural principles to appeal to consumers' desire for aesthetics, creativity, play, and style in their buying decisions.

To bridge the physical and virtual worlds of retailing, retailers will need to consider increasingly integrating technologies within their in-store operations. This could include robot and hologram shop assistants, trackers and beacons, geo-locational devices, body temperature sensors and retina scanners.

Whatever the case, the best New Zealand retailers appreciate that they must rise to the challenges of this environment by offering something better, newer, and unique. The very best understand that to survive and thrive in the contemporary and 'connected' retail landscape they must constantly innovate, and cannot rest upon their past successes or longstanding reputations.

Associate Professor Jonathan Elms holds the Sir Stephen Tindall Chair in Retail Management at Massey University

Date: 29/11/2015

Type: Features

Categories: Explore - Retail; FutureNZ 2015; FutureNZ Business

Brown Power



Growing political power for Māori will be due to more than just demographics

Professor Rawiri Taonui says changing demographics mean Māori political power is on the rise – if iwi and urban groups allow democratic representation for all Māori.

Much has been made of the demographic trends that predict Asians will outnumber Māori. But it's not tension between these two groups that will shape New Zealand politics, it is the fact that a combined brown population will one day equal or outnumber Europeans.

By 2050 New Zealand's Māori, Pasifika and Asian populations will dominate school-age children, tertiary students, the workforce and those of voting age. Those who believe demographics will reduce Māori political power are mistaken.

Māori have called for greater constitutional recognition of the Treaty of Waitangi and it is likely there will be a formalising of the current confusing hierarchy of the Principles of the Treaty through the Waitangi Tribunal, Courts and Crown. However, while the Treaty will increase in foundational significance, it will have less constitutional importance because the main avenue for Māori political power will be through more Māori in Parliament.

The seeds for this have already been sown over the past decade through a growing Māori population and higher Māori and Pasifika birth rates, the introduction of MMP and the rise of the Māori Party and Prime Minister John Key's visionary partnership with them.

The latter broke the yoke of a Labour monopoly that allowed the party to win votes on the back of the Māori seats, while marginalising brown voices to the periphery. Tariana Turia and Pita Sharples made kaupapa Māori politics acceptable. The lesson of the last decade is that Māori voices are also important in general seats and as list MPs.

National has more Māori MPs than Labour and more ministers of Māori descent than Labour ever produced in one government. Māori lead three of the minor parties. The current generation of Te Ururoa Flavell, Hekia Parata, Winston Peters, Kelvin Davis, Louisa Wall, Metiria Turei, Marama Davidson and others are a major force. The days of a lone Ben Couch being the only Māori MP outside of the Māori seats are long gone.

Māori will rise across the political spectrum, particularly in the centre left and right and, in the longer term with Pasifika partners, will dominate the Labour Party. While the demographic momentum will be with non-European ethnicities, the Pasifika and Asian demographics are internally diverse, making their unified cultural momentum more difficult to achieve. That means our first brown Prime Minister will likely be Māori and in place within the next generation.

Will the Māori seats be abandoned? While there are many more MPs of Māori descent in Parliament, the Māori seats remain the main vehicle by which the voice of kaupapa Māori, iwi and Māori community interests are heard. They will remain for another generation or two.

Achieving a voice at the local body level will be more challenging. In 2001, Māori made up just 20 of more than 1,000 local-body politicians. The Local Government Electoral Amendment Act 2002 attempted to address this by allowing local bodies to consider establishing Māori wards. But these can be subject to mandatory public polls and inherent prejudices, can – and have – barred progress.

Best estimates are that less than 5 per cent of successful local body candidates are Māori, despite being 16 per cent of the population. The legislation requires amendment to bring Māori representation into line with the UN Declaration on the Rights of Indigenous Peoples (2007), including requiring local bodies to ensure Māori participation and representation.

One issue threatens to open a schism within Māoridom over the long term. During the recent New Plymouth debate over Māori wards, some in the local iwi community opposed democratically elected Māori wards in favour of iwi-appointed mana whenua representatives.

This is akin to the Independent Māori Statutory Board for the Auckland City Council where mana whenua iwi appoint a selection panel who in turn appoint nine representatives – seven for mana whenua who make up only 20 per cent of the Auckland Māori population; and two for the other 80 per cent of urban Māori who live in Auckland. Similar principles underpin other processes for representative and statutory bodies, such as for Te Ohu Kai Moana (Māori Fisheries Trust) and the Waitaha Education Advisory Board in Canterbury.

This is a form of cultural nationalism that applies questionable assumptions about the past. It assumes Māori society is primordial and unchanging and hands a monopoly to a minority of iwi representatives, rather than allowing democratic election by all Māori.

All Māori descend from iwi; however, not all Māori participate in iwi affairs. About 10 per cent of Māori do not know their iwi; 40 per cent do not know their sub-tribe – a key indicator of non-participation. Around 60 per cent of Ngāpuhi, the largest tribe, live in Auckland or elsewhere outside the traditional Ngāpuhi territory. The percentage of tribal descendants who participate in votes or surveys is significantly low. More than 80 per cent of Māori are urban, although urban organisations exhibit an equal but opposite form of cultural nationalism and cannot claim to be fully representative either.

This practice allows an elite to dominate representation while also benefitting from lucrative annuities and other payments. And while there is nothing wrong with having elite, one based on chauvinism, rather than representation risks marginalising a large and youthful disenfranchised majority. One does not emancipate by rendering the majority silent.

Professor Rawiri Taonui is head of Te Pūtahi-a-Toi, Massey University's School of Māori Art, Education and Knowledge

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Maori; FutureNZ 2015

The immigration wave continues



Immigration to New Zealand is at an all time high

Immigration continues to reshape New Zealand – more so now than in any other time in the modern history of our country. In the 12 months to August 2015, nearly 118,000 permanent and long-term arrivals landed in the country. This is an all time high, says Distinguished Professor Paul Spoonley.

It is underlined by the fact the net migration gain was 60,000 for the same period and climbing. Only a couple of years ago, the forecast was for a net gain of 35,000 – which was thought outstanding at the time. But in 2014 and 2015, records have been broken and reset.

Some of these figures do need to be unpacked. 'Permanent and long-term' includes anyone staying for more than 12 months, so there is a large group of international students who will not stay in the country more than the length of their study period. And there is an even larger group of New Zealand – and Australian – citizens who arrived (35,200 in the last 12 months).

So what has produced this spike?

The first is that we are seeing an upswing after the Global Financial Crises (GFC) when the numbers arriving softened (down to 83,000) while the numbers departing increased significantly (nearly 54,000 in one year heading to Australia). So some declined to move, even if they had been given approval, during a time of economic uncertainty. And then New Zealand experienced economic and labour market growth downstream of the GFC, especially in relation to Australia.

The net gains/losses with Australia have gone from a loss of 40,000 in 2012 to a net gain in the last twelve months of 5500. There remains a constant flow across the Tasman but for the first time since the early 90s, it is in New Zealand's favour.

Secondly, there has been a year-on-year increase in the numbers coming to study, with student visas up by 6400 in the last year, and with about half of Chinese and three-quarters of Indian migrants coming on a study

visa.

Many will not stay permanently and as a result will have a different effect on demand and consumption expenditure in New Zealand. But it is also interesting that these onshore talent pools increasingly provide those who will settle long-term. Almost four out of five who become permanent settlers have spent time working, studying or visiting New Zealand.

The current levels of immigration put New Zealand at the very top of the OECD in terms of immigration per capita. The numbers post-GFC are very high.

It is not just the numbers that count – there is also the question of where they are coming from. In terms of net gains, the top four arrival groups (in order) are from India, China, the Philippines and the United Kingdom. There are three times more Indians arriving than those from the UK – which signals what is now an ongoing shift in terms of the origins of immigrants to New Zealand.

Statistics New Zealand has just released its long-term (2038) ethnic projections, and the impacts of immigration can be seen quite clearly in a future New Zealand. The fastest growing communities will be Asian as immigration levels drive growth. But not everywhere.

Auckland is still the destination city for most immigrants (Canterbury has a significant inflow of immigrants as part of the rebuild, but it is still only a quarter of the numbers going to Auckland). And it is the destination city for Asian immigrants. Two-thirds of New Zealand's Asian communities live in Auckland, with three-quarters of them having been born in another country.

Statistics New Zealand anticipates this growth will result in a third of all Aucklanders being Asian by the 2030s (up from the quarter who self-identify as Asian now).

For the moment, the high levels of immigration and the significant numbers arriving from Asia impact disproportionately on Auckland. And the various local board populations show that not only are those of European descent likely to be a majority-minority in a growing number of areas, there are some (Whau, Puketapapa, Howick) where Asian communities will be dominant soon, if they aren't already.

The last few years have seen a remarkable increase in the numbers arriving as permanent immigrants to New Zealand, but they also confirm the different cultural and linguistic mix of these immigrants and the impact they are having on our largest city.

It is difficult to know whether this spike will continue but it has already set a very different path for New Zealand – and Auckland. The latter is now a super-diverse city with extensive people-to-people links with Asia.

Distinguished Professor Paul Spoonley is Pro Vice-Chancellor of the College of Humanities and Social Sciences at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Social Issues; FutureNZ 2015

Halve our emissions by 2030? Yeah right!



New Zealand needs to reduce its greenhouse gas emissions

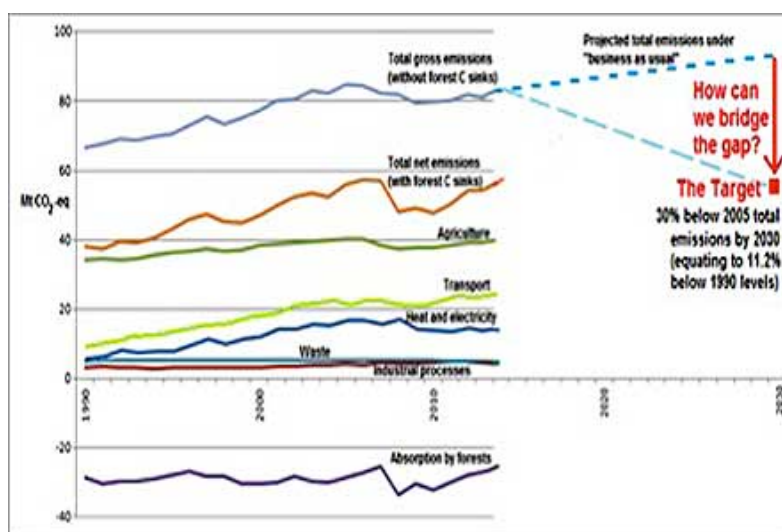
By Professor Ralph Sims

In the run-up to the major United Nations climate change negotiations taking place in Paris this week, all countries were required to submit their "intended nationally determined contribution" in advance. New Zealand's stated target is a 30 per cent reduction in greenhouse gas emissions below our 2005 levels by 2030.

This has been heavily criticised as being far too weak, especially given the government's intention to meet most of the target by buying carbon credits from offshore, rather than by trying to reduce our continually growing total emissions. But there are cost-effective solutions available to bridge the gap, and many have co-benefits such as improved health and employment opportunities, so why not encourage their uptake?

Over 80 per cent of our electricity generation comes from renewable hydro, geothermal, wind, bioenergy and a tiny bit of solar. Our electricity is therefore 'low-carbon' compared with most countries, even without any government interventions to encourage this.

We have a target in place to increase the renewables share to 90 per cent by 2025 but, other than the weak and ineffective emissions trading scheme, no policies are yet in place to ensure it happens. The



How can we bridge the gap?

government's Smart Grid Forum is evaluating the opportunities that supporting integrated, small-scale, renewable power generation systems might deliver in the future, in conjunction with electric buses, e-trains and e-bikes as well as e-cars of which there are around 800 already running around New Zealand.

Further in the future, a more flexible electricity grid, encouraging small-scale distributed generation, and integrating a larger share of variable wind and solar into the power generation mix without risks of power outages, would – and should – enable 100 per cent renewable electricity to be achieved.

Heat is a different story. Most of the demand for industry and buildings is currently met by burning coal and gas. But low-carbon, renewable alternatives are available and their uptake is growing. These include solar thermal for heating water and zero-energy buildings; geothermal heat for timber drying, prawn farming and so forth; woody biomass for making paper pulp and heating greenhouses; and wood pellets for heating homes, schools and other buildings.

It is also technically and economically feasible for Fonterra to stop burning coal and use renewable heat in its milk processing plants instead. In anticipation of the international price for emitting carbon dioxide increasing, it would make good business sense for coal to be displaced, and in some situations, even natural gas that also emits carbon dioxide.

Obtaining the desired energy services of comfort, mobility and lighting, but using less energy inputs as a result of using the energy more wisely is well understood. However, energy efficiency is still not widely implemented. New technologies, such as LED light bulbs, can reduce the energy demands, but even greater savings could be made by behavioural changes such as turning off appliances when not needed, or driving slower to reduce fuel consumption. Unfortunately, changing human behaviour is a real challenge, even when money can be saved.

For example, the transport sector has the fastest growth in emissions but many politicians seem loathe to discourage the use of cars (especially for short journeys), support the purchase of more fuel efficient vehicles, or expand the public transport system.

A person chooses either a private car, taxi, scooter, bus, train, plane, cycle or walking for a journey based on a mixture of cost, convenience, comfort, speed and safety. To break our dependence on the car requires making it easier and beneficial when travelling by other modes of transport. As well as reducing greenhouse gas emissions, the co-benefits are relieved traffic congestion, improved air pollution, better health through exercise, and saving money. According to the AA, the full cost of owning and operating a car is around \$1 to \$1.50 per kilometre travelled.

In the not too distant future, uber taxis, electric vehicles, driverless cars, internet shopping, developments in social media and urban planning to encourage walking and cycling will reduce the desire for many people to own a car. Shifting freight from trucks to trains and coastal shipping will also be faster and cheaper as well as producing lower emissions.

All these developments are cost effective and within our reach. With a well-educated population, New Zealand has the opportunity to greatly reduce its greenhouse gas emissions and gain all the co-benefits that come with it. With a bit more ambition, we could also lead the development of innovative climate technologies – surely a guaranteed growth market – and show the world what can be achieved.

Unfortunately our “intended contribution” to reducing emissions is lower than that of most other countries, even Australia. We may only produce around 0.17 per cent of the world's total greenhouse gas emissions but, per person, we are around the fourth highest globally. Greater action now to reduce our emissions will help avoid some of the future high costs involved with having to adapt to extreme weather events and the need to become more resilient to them.

With biodiversity losses, dirty rivers, increasing traffic jams, local air pollution, high obesity levels, and rising greenhouse gas emissions, New Zealand's environmental leadership has badly slipped. There is still a chance to halve our greenhouse emissions by 2030 and regain our “clean, green” status – but, sadly, that opportunity is slowly slipping away.

Ralph Sims is Professor of Sustainable Energy at Massey University. He is also a long-time contributor to the Intergovernmental Panel on Climate Change.

Date: 29/11/2015

Type: Features

Local elections 2016: Where to next, Auckland?



Current mayor Len Brown won't be standing in 2016

By Grant Duncan

What's the worst thing that could happen to Auckland? Compared to a volcanic eruption under the Harbour Bridge, the prospect of Aucklanders electing an ineffective mayor at the 2016 local-body elections is hardly the stuff of nightmares.

As I write this, there is already a selection of possible candidates widely discussed in the media, though it's too early to say for sure who the frontrunners are going to be. Other than Penny Hulse, the present deputy-mayor, those touted as potential candidates have a distinctly white male look. So, what happened to the city's growing 'diversity'?

Does it really matter who wins anyway? The mayor, and the elected governing body as a whole, arguably have little power when weighed against the inertia of a large bureaucracy and prescriptive laws. And the sheer size and relative autonomy of council-controlled organisations that manage transport, water, and most of the commercially significant assets mean that there is less democratic control of Auckland's future than ratepayers may imagine.

Auckland Council also has limited influence over central government, even though decisions made by the latter – for example, how many migrants get residency here – will significantly affect the future of the city. And the Council can plan sophisticated urban spaces but, if developers don't see those designs as economically viable, they won't get built. A visionary mayor could easily become a lone voice that no one is listening to.

So, regardless of whether you prefer a centre-left or centre-right mayor, or someone more radical, when you cast your vote next year, ask yourself if your chosen candidate can really be effective. The mayor needs to lead a team of outspoken councillors and a powerful chief executive, while balancing and influencing external and internal political forces that may be beyond his or her control. As the leader of a large and

populous urban and rural domain, that person must speak for the whole 'city', in all its diversity, and to articulate an ambitious, but realizable, vision for its future.

The incumbent mayor, Len Brown, has set the pace so far. He didn't cave in to political pressure when outed for having an affair, but these revelations have tainted the mayoralty itself in many people's eyes. The next mayor will need to re-establish public faith in the office.

Transparency around the conduct of the mayor's office, as well as the mayor's professional behavior, will have to be uppermost in his or her mind. Furthermore, he or she will need to consolidate the new unified Auckland governance model that was inaugurated in 2010.

Auckland is bedding in a unitary plan and a unified budget. Politically, these processes have made Auckland's problems more visible, and the arguments around them louder. But the unification of Auckland governance is necessary if we are to grapple with those problems coherently.

In short, Auckland is going up a gear. The next mayor and the elected councillors and local board members will all share responsibility for dealing openly with the differing needs and values of Aucklanders, and the differing visions for how the city should be planned and developed.

Suburban sprawl or intensification; motorways or trains; eighteen-hole golf courses or parks and houses? As the city grows, the debates won't get any easier. Hence we need civic leaders who can engage with the people and understand complex problems and the consequences of different policy solutions.

Auckland's success is essential to New Zealand's success, and Auckland is the destination for most of the skilled migrants that New Zealand attracts. Auckland needs a mayor who includes and does not alienate diverse audiences, who can articulate a realistic, but exciting, vision for the city, and who can bring a large number of often fractious and hard-nosed people to the table and get them talking positively.

There is one last thing to consider. No one asks for higher rates, but be wary of those who talk simply of cutting them. For every dollar cut, they should give an account of what will be lost or foregone from the Council's public services. Remember, there's always a long-term cost incurred in not doing something.

Associate Professor Grant Duncan is a public policy lecturer in Massey University's School of People, Environment and Planning

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Politics; FutureNZ 2015

The Treaty turns 175: where to now?



The Treaty of Waitangi is now 150 years old

The 175th anniversary of the signing of the Treaty of Waitangi has passed largely unnoticed, greatly overshadowed by the centenary of the First World War. Centenaries do trump most other anniversaries, but what has also gone unnoticed is the dramatic shift in the relationship between Māori and the Crown, the two parties to that 1840 treaty, says Professor Michael Belgrave.

Constitutional change in New Zealand has always been rather haphazard. We have no founding revolution like the Americans and, by avoiding becoming part of Australia in 1902, no founding federation. Our Constitution has stumbled forward, lurching from crisis to accident, with the occasional deliberate tinkering – like the introduction of MMP.

From the very beginning, the Constitution we inherited and modified from the United Kingdom had great difficulty in recognising tribes, collective Māori political social and even constitutional bodies.

In New Zealand, British settlers saw themselves not only as replicating Britain, but improving it – and improving meant dramatically increasing the emphasis on individualism, the rights of property owners over inherited status and the elimination of any of those collective rights that could be dismissed as having their roots in the medieval world.

It took some time for this degree of individualism to triumph completely. In 1893 when New Zealand made a lurch towards greater constitutional independence from the United Kingdom and, at same time extended the vote to all adults, the Māori seats survived, as they have done ever since.

Critics of the system say that it is non-democratic, that it privileges a minority over the majority. However, democracy has many forms and, for Māori since 1840, defending tribal rights and the rights of rangātira against the heavy hand of majority rule based on one person, one vote has continued to be important.

During the middle of the 20th century the government created tribal trust boards, which were primarily aimed at distributing compensation for confiscation and exploitative land purchasing in the 19th century. Very soon, Māori used these trust boards to represent the tribal communities affected by these colonial misdeeds. It also needs to be remembered, that the European population of New Zealand showed little commitment to a universal franchise, when Māori made up a much greater proportion of the population. Individual voting rights went hand-in-hand with demographic supremacy.

The tensions between the individual rights in a democratic society and the collective rights of Māori within a democratic society will continue to play a role in collective and national debates about our Constitution. That is healthy. But we also need to recognise the extent to which an increasing emphasis on the settlement of historic treaty claims and experiments in representing urban Māori in local government are creating new ways of integrating Māori collective and tribal rights within the New Zealand Constitution.

Government balked at providing individual seats on the Auckland Council for Māori, a device that could never have represented the collective customary interests of those connected with Auckland. There are just too many tribes involved. In its place it provided a Māori statutory board, with more limited power, but with the ability to represent a far wider range of Māori interests.

For the first time, Māori were recognised as having a say in local government, however conscribed, on the basis of customary collective groupings. This has created concerns over how such members are elected, but those concerns can be resolved particularly in reference to the other process that is giving effect to Māori collective and tribal interests – the Treaty settlement process.

Treaty settlement involves a rigorous, even tortuous, and much complained about process of ensuring that those negotiating and accepting Treaty settlement have the genuine tribal mandate. As a result, government is creating a network of Māori authorities over the entire country.

We already know some of these well – Ngāi Tahu, Tainui and Ngāti Whatua o Orakei are iwi that have done well in turning limited compensation for their colonial losses into worthwhile assets. They have become vibrant players in local and even national economies. Once the settlement process is complete there will be around 100 of these settlement entities. Individually they will represent a specific tribal group. Collectively they will represent the Māori world.

Putting aside the very real potential for conflict between some of these tribal communities, once this network has been created the Treaty of Waitangi's distant promise protecting rangatiratanga will enter a very new and interesting phase. This quiet revolution has been achieved under a much more visible and audible debate about Māori sovereignty. That debate may well prove a smokescreen for the much more substantial constitutional change which has occurred beneath it.

Michael Belgrave is a Professor of History at Massey University's School of Humanities

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Maori; FutureNZ 2015

Family Violence: New Zealand's dirty little secret



Reducing family violence in New Zealand requires a new integrated approach

Will the 'Modernising Child, Youth and Family' report calling for an urgent overhaul of the government department be enough to overturn this country's plague of abuse? Or do we need to adopt and properly fund the more robust, evidence-based, Wraparound system developed in the US? asks Dr Ruth Gammon.

New Zealand presents itself to the world as pristine and beautiful – 100 per cent pure, images of snow-covered mountains, crystal clear rivers, dolphins playing joyfully in our oceans. But behind the billboards is another reality: our people suffer one of the highest rates of family violence in the world.

New Zealand has the fifth worst child abuse record out of 31 OECD countries. On average, one child is killed every five weeks. Most are under five, less than a year old and 90 per cent are killed by someone they know.

In the year ending June 2014, over 146,000 Reports of Concern were made to Child Youth and Family Services. Of these, almost 58,000 were reports by police responding to family violence call-outs. Studies have estimated one in four girls aged under 15 have been touched sexually or made to do something sexually they did not want to. At least one in eight boys have experienced sexual abuse (although the rates are likely to be much higher, as sexual abuse among boys is still under reported). Of concern is the rate for Māori girls – twice the rate of European or other ethnicities. Currently, over 5,000 children are in the care of the Chief Executive of the Ministry of Social Development, with over 4,000 children living in 'out of home' placements.

The statistics for intimate partner violence are grim too. New Zealand continues to rate among the worst countries for this, with one in three New Zealand women reporting having experienced physical and/or sexual intimate partner violence. When psychological/emotional abuse is included, it jumps to over half. Stories regarding women being murdered by their partner or ex-partner continue to grab headlines too frequently. Approximately half of all homicides and more than half of all reported violent crime in New Zealand is the result of family violence.

Often, this is seen as a problem of lower socio-economic groups, or the result of poor education, but the statistics do not support this. A recent study found 26 per cent of women living in homes with a household income over \$100,000 a year had experienced physical or sexual violence from an intimate partner.

Despite the relentless pain, suffering and long-term trauma these statistics represent, family violence is treatable and preventable. But appropriate resources and funding must be a priority for the government.

A more comprehensive, coordinated approach is needed. Other countries have adopted a "System of Care" – a comprehensive spectrum of mental health and other necessary services which are organised into a coordinated network to meet the multiple and changing needs of children and their families.

A system of care *could* address the gaps in services in New Zealand precisely because it is based on core values, rather than a defined programme, and can therefore be tailored to a New Zealand context. The core values for a system of care are that services are child-centered and family focused; responsive to the needs of the child and family; community-based, and culturally sensitive.

Services must be comprehensive and integrated; equipped to address physical, emotional, social, and educational needs of the individual; involve families and surrogate families in all aspects of the planning and delivery; have effective case management; early identification and intervention; smooth transitions to the adult service system as they reach maturity; protection of the rights of children and families, and effective advocacy.

New programmes incorporating these values in New Zealand follow the US-based National Wraparound Initiative's evidenced-based model. Contrary to local interpretations, Wraparound is NOT a package of services to be "wrapped around" families, nor is it a funding stream. Wraparound is a philosophical approach to care planning with specific guiding principles, a model of delivery and a theory of change – and it is the combination of these factors that makes Wraparound effective, not the services per se. Research at Massey University on Wraparound in New Zealand has included interviews with families who believe their families may not have survived without such services.

Cost is always a concern and such programmes are expensive. But consider the economic cost of family violence, estimated at \$1.2 to \$5.8 billion per year by economist Suzanne Snively in 1994. Adjusted for inflation, that is around \$1.84 to \$8.89 billion today. Such costs will continue to grow as the problem grows. And family violence *will* grow unless we address it. We can pay now or pay later.

Dr Ruth Gammon is the director of the Wellington Psychology Clinic at the School of Psychology, Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Social Issues; FutureNZ 2015

Saving birds with maths



Computers and maths can be used to keep native birds safe

By Stephen Marsland and Isobel Castro

New Zealand has amazing birdlife: nocturnal parrots, birds that walk rather than fly, birds that have sex in the missionary position, and birds that turn up after 50 years of being thought to be extinct. We like birds so much, we identify with a bird as our national animal.

Unfortunately, many species require wildlife management programmes to keep them from going extinct, and it is hard to know what bird populations are doing – our birds tend to live in the bush, and are often well-camouflaged or nocturnal. How can you work out what works and what doesn't in wildlife management if you don't know how many animals you are trying to manage?

The only thing that we've got going for us really is that birds are quite talkative: listening to birdsong enables us to identify the birds present in an area and to start to have some feeling for how many species there are. It's nice to hear, too. Joseph Banks, naturalist for James Cook's 1770 visit to New Zealand described the birdsong at Queen Charlotte Sound as "the most melodious wild musick I have ever heard". But while recognising a species is relatively easy, knowing how many birds are there just by listening isn't.

What's needed is a map of our birdlife made using recordings of birdsong – information about which birds are where and how many there are. Birds have social lives and singing is a way of communication. Some species may sing more when numbers are low and they wish to find others, or some may call less as they don't hear anyone to respond to. Birds are often more chatty when looking for mates, just like humans. Calling can also change according to habitat because the recorders will hear fewer sounds in bushy than open areas.

So is it possible? Trained human listeners can identify many types of birds, and if humans can do it then it's worth trying to make a computer do it. We need to, because it's hard to get people to stay in the bush for

weeks and months on end, and to record both day and night. To keep a constant record, we need to make the monitoring automatic – both the recording and the analysis, since otherwise we've just changed the problem from spending all day every day listening to the real birds in the bush to listening to recordings in a laboratory. Not much fun, and easy to make mistakes, too.

We need computers that can learn to process recordings whether they have noise (wind, rain, aeroplanes) or lots of birds singing simultaneously, or other animals, or anything that can confuse normal computer analysis. And we want it to work with lots of birds, not just a couple of species. We want it to tell us when it doesn't know, too, so that it doesn't go wrong when a new species is heard, or when a wind turbine is built nearby and the machine decides it sounds like a tui.

These are computer science and maths questions – and they go hand-in-hand with the ecological questions – about how to measure abundance and what kinds of species are best to monitor. We're calling the solution Birdscape, and it's going to be a way that all Kiwis (the people) can be involved in monitoring birds (not just kiwi, but every feathered friend) helping us keep track of what is where, and how it's changing over time. So as predators are trapped, as habitats change, as global warming changes the environment, we can see the effect on the birds, we can know what works for their benefit, and what doesn't, so that we can make better plans in the future.

Of course, it's not just for the professional wildlife manager – every *citizen scientist* can contribute by helping to record the birds around them and to use our website when it is up and running. There are potential spin-offs from this research – put the same algorithms on your mobile phone and it can help you identify the birds you hear on a tramp or in your garden. Plus, get it right and we'll be showing the rest of the world how to keep their native species safe and well, too.

Professor Stephen Marsland is with Massey University's School of Engineering and Advanced Technology and Dr Isabel Castro is a senior lecturer with the Institute of Agriculture and Environment

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Environment

Red Peak: distinctive, simple and the best flag



Voting for a new New Zealand flag is now open

By Claire Robinson

New Zealanders are being asked to make a preferential vote in a postal referendum to select the flag design that will be pitted against the current flag in a referendum next March.

To the intense frustration of the design community the flag consideration process has been anything but an exercise in good design. If the Government's objective was to get a well-designed progressive flag it could have given this task to designers to develop, test with the public, iterate and refine. We have a world-class design community in New Zealand. Many of them submitted to the Flag Consideration Panel insightful designs that deserved to have been more widely discussed and considered.

Let's not kid ourselves, however. This wasn't a design exercise. The Government deliberately selected a populist process to unite a nation behind its desire to change the flag. The Government is driving the notion that for this to be a legitimate exercise it needs to have popular power and direct democracy at its heart.

With anyone able to submit a design to the panel, shortlisting by a committee of respected New Zealanders and majority decision by public referendum, no one will be able to claim anything other than that the new flag is "by the people, for the people" – the somewhat revivalist mantra of populist movements worldwide, a vindication of the concept of representative government popularised by Abraham Lincoln in his Gettysburg address on November 19, 1863.

Even the last minute inclusion of *First to the Light* (aka Red Peak) following a social media campaign, was a populist move to directly appease those threatening not to cast a vote rather than a concession that the design selection process was flawed.

First to the Light/Red Peak has entered the race from way behind. It has not had the benefit of the extraordinary endorsement by the Prime Minister that the silver fern designs have. Nor has it had the

exposure of the silver fern by virtue of it being the Government's brand mark for NZ Inc, and imprinted on our passports, our war graves and on the uniforms of our sporting ambassadors.

But there are very good reasons to consider voting for Red Peak.

For a start, it meets international principles for good flag design: it is distinctive compared to our neighbour's flag, it's timeless and it's a design that's simple to reproduce, which is more than can be said for the fern designs. In its open letter on the release of the top 40 flag designs the Flag Consideration Panel said "a great flag should be distinctive and so simple it can be drawn by a child from memory."

By the time they came to release the shortlisted four with the complex fern motif on three flags, this requirement had been dropped from public communication. What child is going to remember, let alone draw, the 33 individual fern leaves on the Lockwood flag, or the 29 on the Kanter? And just what do those numbers represent anyway?

In agreeing to the silver fern on three potential flag designs (and a variation of it, the koru, on the fourth) Cabinet conflated New Zealand as a brand offering with what should be a much broader symbol of nationhood. If anything it is a sign of our immaturity as a nation that many believe we need a literal motif like a fern to "scream" New Zealand (to use the Prime Minister's words).

A more mature visual response is to find a composition that exists independently of figurative visual references, enabling it to accrue its own meaning over time while we, the citizens of 21st century New Zealand, grow a shared understanding of who we are as a nation.

This we have in *First to the Light/Red Peak*. While the primary design story communicates the uniqueness of our land, light and position – dawn breaking in the east over alpine ranges which are first to hold the light of the new day – its abstraction means it allows for a wide variety of personal and shared interpretations. Over time, and with widespread use, it will become more iconic than the silver fern.

And anyone who can fold a piece of paper can draw it. Try it. It's simple, you might just grow to like it.

Claire Robinson is a professor of communication design and Pro Vice-Chancellor of Massey's College of Creative Arts

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Politics; FutureNZ 2015

Directing youth away from gangs



It may take an innovative approach to neutralise the attraction of youth gangs

The school-girl brawl that took place in a public carpark earlier this year, which was widely reported and viewed in both mainstream and social media has many disturbing facets, says Dr Moses Faleloelo.

The video taken at the time was uploaded on a social media website attracting one million viewers in a space of one or two days. While there were many issues of concern highlighted here (girls brawling, the school's reputation, the fact that it was during the day and in a public space, that somebody recorded the violence, the notoriety resulting from the large number of viewers it attracted), the most concerning for me was the glorification of violence.

Many will argue that there is nothing to gain from fighting and uploading fight clips if your aim is to gain popularity. However, most youth gang members want to be liked and focus on gaining fame in any way they can because, not only will they be accepted by the gang, but it also gives them status.

They become “a-somebody” rather than “a-nobody” and for someone from an ethnic minority this is very important, especially if they have been ridiculed for not speaking English properly, or taunted because they dress and act differently, or are teased because they don't have the latest gadgets. So, on the one hand, girls brawling in school uniforms is shocking but, on the other hand, it makes sense to these and other young people.

There have been so many attempts to control, manage and eliminate youth gangs. There have been strategies like aggressive policing and gang suppression (arrest, prosecution, and incarceration) in order to control gang-related crimes; a move to community policing, where the police and the community interact in various ways (partnerships and collaborative problem-solving); a focus on crime and social disorder; deterrence strategies; and sports, arts and recreational-based strategies which provide a way for young people to occupy their time positively.

Despite these strategies youth gangs can never be eliminated because they will continue to regenerate. We need to make sure young people are supported holistically – economically, socially, spiritually, culturally, physically, and cognitively. We need strategies to work on addressing issues that stem from their family, school, social services, local and central government, and the community. When all these strategies are put together it makes for a very powerful approach for eliminating and/or minimising youth gang culture.

Having a single physical space for the delivery of social services within the communities where gangs operate is also an important concept that has delivered results overseas. A large-scale “village compound” can provide a home for all the relevant agencies, including the Ministry of Youth Development, police, youth justice, health, and education and training. These agencies also sit alongside other key stakeholders, including businesses and community youth centres.

It is important that worthwhile jobs that pay sufficiently are created, otherwise youth in gangs will question the need to get a job when they can earn more selling drugs. Businesses, government grants, philanthropy, and funders are essential resources in these community-based projects to keep young people in education with a career pathway.

Youth gang members referred to a “village” could attend classes and/or trades-related courses, have health check-ups and monitoring, take advantage of apprenticeships, cadetships, and secondments, build relationships with their parents in workshops, learn ways to cope with stress and conflict, and become mentors and grow into leaders.

This key to eliminating youth gang recruitment is by substituting the attractions of gangs with positive social development, rewards or incentives, and direct pathways to employment and higher education.

Dr Moses Faleloelo is a lecturer in the School of Social Work at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Social Issues; FutureNZ 2015

Creating resilient communities needs more than good science



Natural disasters test our resilience

By Professor David Johnston

New Zealand's hazard and disaster researchers are recognised throughout the world for their expertise in many fields. Our scientists are called on to advise governments and agencies globally and New Zealand's disaster risk management policy and practices are frequently mentioned in international forums and form the basis for similar plans in other countries.

However, the need for good science remains paramount. Recent experiences, such as the Canterbury earthquakes, floods in many parts of the country and a range of other natural events have shown we still have much to learn about the risks we face. There is also a real need to find better ways to put knowledge into practice to improve New Zealand's resilience.

This year, countries have been co-operating to link disaster management, climate change response and human development activities in a more holistic and coordinated way. New Zealand played a significant role at the World Conference on Disaster Risk Reduction (WCDR) in Sendai, Japan where 187 countries adopted the far-reaching Sendai Framework for Disaster Risk Reduction 2015-2030.

The framework calls on science to support the understanding of disaster risk and to promote risk-informed decision-making and planning from the local communities to the global level. As such, the global scientific and technological community called for a greater contribution from science in a number of key areas.

Firstly, we need to better coordinate existing networks and scientific research institutions at all levels. For example, much council-funded research in a specific area can have a wider application. We need more evidence to support the implementation of emergency management and risk-reduction activities. Many

programmes, for example, limit peer-review to the design and implementation phase with no formal evaluation of their effectiveness.

We also need to continue to deepen our understanding of how risk evolves over time. The conference called for actionable research that is useful, usable and used. Policymakers and practitioners need to co-design and co-produce research that both informs evidence-based practice but importantly supports practice-informed evidence.

At risk-communities and their citizens need to be empowered and supported to have a more active role in the science that informs risk management. Several existing Citizen Science projects testify to the value of active participation of the community in research about disaster risk and its management.

Citizen Science (also known as crowd science, crowd-sourced science, civic science, or networked science) supports and enables the public in becoming active participants in scientific research rather than being just observers and/or recipients.

This participation involves both the physical and social sciences and includes citizens reporting felt earthquakes, photographing floods and king-tides and the collection tsunami awareness data.

This is just a start and more can be done in this space. Risk literacy also needs to be promoted in school curricula, professional training and should be part of life-long learning across all groups of our society. Good science is, and will always, remain important, but good science needs the support and participation of a whole society.

David Johnston is Professor of Disaster Management from Massey University's School of Psychology

Date: 29/11/2015

Type: Features

Categories: FutureNZ 2015; FutureNZ Environment

UN Security Council: one year to go



The United Nations Security Council

Nearly a year into its tenure on the United Nations Security Council, including as President of the Security Council in July, it is timely to consider what impact New Zealand is having at the United Nations, says Dr Anna Powles.

Are New Zealand's actions on the Security Council measuring up to its highly successful campaign message, which resonated amongst UN member states? New Zealand pitched itself as a trusted and independent advocate for non-permanent member states seeking a voice at the Security Council, with a proven track record of a human rights-based approach and a commitment to negotiation, dialogue and multilateralism.

At first glance, New Zealand has effectively translated its campaign message into a clear and consistent strategy on the Security Council. But as UN member states pledged increased troop personnel and assets at the Leaders' Peacekeeping Summit hosted by President Barack Obama in New York in September, we need to ask the question whether clear and consistent statements are enough? Foreign Minister Murray McCully's "stinging criticisms" of the Security Council's failure to act over Syria make good headlines back home but when are we going to see New Zealand translate its Security Council doctrine into practical action? What new ideas has New Zealand brought to the table?

According to the latest UN rankings (August 2015) on member state contributions, New Zealand ranks 100th with a contribution of 11 personnel deployed to either the UN Mission in the Republic of South Sudan (UNMISS) or the United Nations Truce Supervision Organization (UNTSO) in Jerusalem. To put New Zealand's contribution in perspective, we equal with the Republic of Moldova and below Jamaica with 13 personnel.

The question of whether New Zealand should increase its peacekeeping contribution is not new. It re-emerged during New Zealand's most recent campaign for the Security Council seat and as the electronic

leaderboard at the Leaders' Peacekeeping Summit ticked over with pledges from UN member states promising increased contributions of troops, police, and assets, it has emerged again.

There are strong arguments for and against increasing personnel contributions but it isn't all about the numbers and nor is it as simplistic as "having a dog in the fight" now that we have a seat on the Security Council. New Zealand does have a stake in international security but it remains worthwhile to ask if New Zealand is contributing personnel in the most effective ways to peace operations. What value does inserting military observers into a few select missions have to the mission itself, to the UN more broadly, and, of course, to New Zealand? Does New Zealand, in fact, have a clear strategy for contributing personnel to UN peacekeeping operations?

Measuring New Zealand's record on the Security Council means evaluating its contributions in terms of the sustainability of its impact. That means gauging how much influence a small state like New Zealand can have over the international security issues dominating the Security Council in 2015-2016. Arguably, it is too early to do so now but there have been some interim analyses.

In June Amnesty International released a report card on New Zealand's performance on the Security Council and gave New Zealand an A- for its commitment to making the UN Security Council more effective. The rest of New Zealand's report card went downhill from there with a B- for working to strengthen the human rights components of UN peace operations; a C+ for championing human rights and working to address Syria's humanitarian crisis; and a C for championing women's rights and their role in peace-making.

Amnesty was especially critical of New Zealand's failure to organise the bi-annual Security Council debate on protecting civilians in conflict during its presidency. A month later, a joint NGO letter was submitted to New Zealand Foreign Minister Murray McCully on the eve of the open debate on peace and security challenges to Small Island Developing States (SIDS) hosted by New Zealand in the Security Council in July. It called for greater attention to women, peace, and security issues in the Pacific.

Meanwhile, back in the Pacific, climate change is the critical security issue in the neighbourhood. At the August Pacific Islands Forum meeting in Port Moresby, New Zealand – and Australia – proactively worked against Pacific Island member states' efforts to achieve a climate policy accord prior to the COP21 talks in Paris. Small island states wanted emission reductions that would keep global temperatures within 1.5 degrees over pre-industrial levels. These are the same Pacific Island nations that New Zealand lobbied for support for its seat on the Security Council. Is this really the kind of legacy New Zealand wants to leave?

Dr Anna Powles is a senior lecturer at Massey University's Centre for Defence and Security Studies

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Politics; FutureNZ 2015

Will we bring home the gold from Rio?



More Olympic medals may come back to New Zealand after Rio in 2016

By Professor Sarah Leberman, Dr Sarah Gee & Dr Trish Bradbury

The London 2012 Olympics were hailed as New Zealand's most successful with 13 medals in total – six gold, two silver and five bronze. The medal tally equalled the performance in Seoul in 1988. Eight golds were won in Los Angeles in 1984, however these Olympics were boycotted by the Eastern Bloc countries.

High Performance Sport New Zealand funding for London provided a lucrative return from key sports, with the exception of swimming, which failed to win a medal. New Zealand rowers topped the podium with five medals in total (three gold and two bronze). Valerie Adams and Lisa Carrington won gold in their events, while cyclists (silver and bronze) and the equestrian team (bronze) also brought home some hardware. Less anticipated medals came in sailing (gold and silver).

So how will New Zealand perform in Rio de Janeiro next year? The modest medal target is set at 14 for the Olympics and eight to 12 gold medals for the Paralympics with funding decisions made accordingly. Most of the funding (nearly 40 per cent of the \$127,990 million will have been spent by the time the Rio Olympics begin) is allocated to Tier 1 sports: rowing, cycling and yachting – all of which delivered in London.

Given its underperformance in London, funding for swimming was subsequently cut, so it will be important for swimmers such as Lauren Boyle, who has already qualified for Rio, to have strong performances. Paralympic swimming is on a high with Sophie Pascoe and Mary Fisher expected to have successful Games.

With less than a year until the opening ceremonies, teams are being selected and athletes are working hard to secure their inclusion. New to the 2016 Olympic programme is sevens rugby, where New Zealand is expected to win medals in both the women's and men's events. Likewise, Lydia Ko's excellent performances in 2015 are an indication that she will be a very strong contender for gold in golf.

The rowers are aiming to be as good, or better, than they were in London, if the recent World Championships in Aiguebelette, France are anything to go by. Medal hopefuls for rowing are the men's and women's eights who have both qualified for Rio; a debut for the women and a return for the men for the first time since 1984. More medals are likely among our cyclists and from canoeist Lisa Carrington.

Shot putter Valerie Adams's form is questionable after undergoing elbow and shoulder surgeries at the end of 2014. She is seeking to defend her Olympic champion title. However, men's shot putter Tom Walsh has been performing strongly in Europe's Diamond League, where he recently won his first event beating the three medallists from August's IAAF World Championships in Beijing, thus proving he is a medal contender.

Athlete Nick Willis, a 1500m specialist and 2008 Olympic silver medallist, recently won the Fifth Avenue Mile race in New York, signalling a strong start to his season. The Women's Black Sticks hockey team, who narrowly missed out on a medal in London, will be looking for a medal and boxers David Nyika and Alexis Prichard and weightlifter Richie Patterson are also possibilities. If Andrew Nicholson can recover from being injured earlier this year, he must also be a serious contender, given that he was a member of the eventing team to win bronze in London.

The challenge, as always, will be producing medal-winning performances in the huge spectacle that is the Olympic Games.

Government funding assists teams and athletes with their preparation for the Olympics, but what matters most is the performance on the day, which is one of the things that makes sport so exciting. New Zealand is recognised and celebrated for being a small sporting nation that punches above its weight on the international stage and we expect Rio to be no different.

Professor Sarah Leberman is Deputy Pro Vice-Chancellor of the Massey Business School, Dr Sarah Gee is a senior lecturer in the School of Sport and Exercise and Dr Trish Bradbury is a senior lecturer in the School of Management. All are involved in delivering at Massey University's sport management programme.

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Sport; FutureNZ 2015

The Olympics: Road to riches or rings of ruin?



Does the cost of hosting the Olympics outweigh the benefits?

Brazil has poured billions into infrastructure for the 2014 FIFA World Cup finals and the 2016 Olympic Games with little discernible benefit to the nation, says Sam Richardson.

London's 2012 Olympics "legacy facilities" are under-utilised, and Beijing's 2008 Olympics' iconic Birds Nest is on the tourist circuit and hosts only a few events. South Africa's 2010 FIFA World Cup facilities are also largely unused five years after hosting the biggest show in football. Have sporting mega-events like the Olympic Games become too expensive for any nation to contemplate?

A quick glance at estimated cost figures for recent mega-events makes for eye-popping viewing. Athens 2004 came in at US\$16 billion, Beijing 2008 came in at US\$40 billion, with London 2012 at US\$15 billion while Sochi's 2014 Winter Olympics cost a whopping US\$51 billion. It is little wonder that countries are starting to balk at the price tag. The bidding process for the Winter Olympics in 2022 saw four of the six candidate cities pulling out due to reluctance on the part of either the government or the general population to foot the bill.

What, then, is the pay-off for host nations? Economically, the big events often fail to make a return. Of the six Summer Olympic Games since 1988, only two (the United States in 1996 and the United Kingdom in 2012) experienced higher average economic growth in the four years post-Olympics than the four years preceding the event. Only one of the last six Winter Olympic host countries (Canada in 2010) experienced higher growth after the Olympics than before.

The buzzword doing the rounds in recent Games has been "legacy". But rather than leaving a beneficial legacy such as that attributed to Barcelona, the legacy of recent Olympics has been anything but beneficial.

The Olympic Games in Athens has been blamed for some of Greece's economic woes – with unused facilities creating a cost for the taxpayer to maintain. The situation is similar in Beijing. The Birds Nest stadium costs an estimated US\$11 million every year to maintain – and doesn't have a major tenant.

So why do countries continue to line up in spite of the fact that hosting is costly and the legacy is shrouded in doubt?

In more recent times, the Games have been used as a catalyst to turbocharge development of run-down and less desirable parts of cities with less opposition than what might normally be encountered in the absence of the Games. The appeal of the Games as an advertisement for the city and country is strong. There are also hopes that the Games will bring an economic boost with an influx of spectators spending money which, in turn, generates more jobs and incomes.

Yet all of these hopes should come with a warning label. Games-related development does not always work unless it is part of a wider plan. The Games can have a negative effect if things go wrong, and the evidence shows that tourism isn't stimulated. Australia suffered a four-year decline in tourist numbers after Sydney 2000, while New Zealand enjoyed a 30 per cent increase in the same period.

International Olympic Committee (IOC) president Thomas Bach visited New Zealand in May this year as part of a global tour to drum up support as an increasing number of countries view hosting the Games as a poisoned chalice. The IOC wants more candidate cities but if it wants greater buy-in it must champion sustainable economic management of the Games. The IOC's rationale is simple: the greater the number of bidders, the higher the chances of the successful city over-paying for the privilege.

In this context, a 2014 pre-feasibility report compiled by Queenstown's Bruce McGechan, which recommended that Queenstown and Auckland bid for the 2026 Winter Olympics, needs to be treated with caution. Ultimately, cities and countries need to carefully consider the benefits and costs of hosting.

Mega-events like the Games benefit only a few in the host country, while the costs impact on everyone. Governments owe it to their constituency to perform due diligence on the actual impact of hosting the event. That includes being as transparent as possible regarding the true costs of hosting. Greater transparency will ensure cities and countries realise exactly what they're putting in – and getting out.

Dr Sam Richardson is a lecturer in the School of Economics and Finance at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Sport; FutureNZ 2015

Feeding good food to the world



Growing New Zealand's economy requires investing in a healthy, sustainable, safe food production system to feed the world

New Zealand is justifiably proud of its food safety system. It is among the best in the world, and for good reason. But preventing food related illness and export collapse takes more than outstanding safety measures, says Professor Paul McDonald.

If we want to grow our food exports – and the New Zealand economy – we need to start producing the healthiest, most environmental sustainable food in the world. Here's why: our main food export market is China. However, China's healthcare costs are rising 11.8 per cent each year.

Healthcare costs are driven by increases in chronic illnesses such as diabetes, cancer and heart disease – often linked to diet. Chronic disease causes nearly three quarters of all deaths and 60 per cent of all illness around the world. In China, the toll is 8.6 million deaths each year, including three million who die before their 70th birthday. Hundreds of millions already live with one or more chronic illnesses. Obesity is a major cause of chronic illness and obesity rates in China have skyrocketed.

But the news isn't all bad. In 2011, the World Bank estimated that reducing cardiovascular disease by one per cent a year until 2040 could generate more than \$10.7 trillion, or the equivalent of two thirds of the annual Chinese GDP. This is the effect of only one of many types of chronic illness. Imagine if they reduced other types of chronic illnesses as well.

China is not alone. Most of our major trading partners face similar challenges, albeit on a smaller scale. For the sake of their economies and national wellbeing they must urgently reduce the impact of chronic illness. Consumers are also demanding change.

Eating too much of the wrong food leads to diabetes, heart attack, stroke, cancer, and more. A nutritious diet dramatically reduces the risk of developing the most common, debilitating, and expensive types of chronic illness. In the 1980s Finland had some of the largest and fastest reductions in heart disease and cancer in

history. Changes in diet were one of the biggest reasons. The effect was far more powerful (and less expensive) than using drugs to prevent disease.

This is why the World Health Organisation is urging nations to develop a global strategy to prevent chronic disease through healthier food. This approach will also reduce the one billion people worldwide who suffer from malnutrition. Nutrition-related conditions are not restricted to the third world. A British study found that between 2008 and 2012, nutrition-related hospital admissions were up by 80 per cent. Ironically, it is likely that an increasing number of people suffering nutrition disorders are also obese, suggesting the key is to focus on nutrition supply, not just food supply.

Like food safety, if governments and individual consumers start perceiving that food imports may increase their risk of sickness, they will respond with lightning speed to turn our food away. They will demand to know that our food is both nutritious and safe. They will need to manage the diets of people who already have chronic illnesses. Collectively, we need to prepare ourselves for a rapid shift away from high-fat, high-salt, highly processed foods to lean meat, fish and protein, fresh fruits, vegetables and whole grain products. Our products are already safe, and have significant nutritional benefits. However, we can, and must, do better. We can lead the world in the production of health-enabling food.

Global food supplies will face additional stress because populations are increasing and more people are migrating from food-growing areas to live in cities. Climate change and environmental degradation will reduce where food can be produced. If places like China have trouble growing enough food for themselves, then they are going to want assurances that the countries from which they import won't be subject to the same supply challenges they face. Moreover, if the world can't get enough food, then it will need the available food to be more nutritious.

New Zealand must revolutionise and adapt its food production to produce more food that is safe, nutritious, and sustainable. We urgently need more research, innovation, investment, and commitment by the Government and industry to make it happen. Our future health and prosperity will depend on it.

Professor Paul McDonald is Pro Vice-Chancellor of the College of Health at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Health; FutureNZ 2015

The future of medicine is inside your body



Bacterial cells in your body could hold the key to healthy lives in the future

Bacterial cells outnumber the human cells in a healthy body by 10 to one and without these microbial companions we would die. With a greater understanding of their role in our bodies, we will be able to harness their power to treat disease and promote good health, says Dr Heather Hendrickson.

You are not the lone resident of your body. You are more like the captain of a team of millions of individuals, each self-interested but wearing your jersey. Recent studies have suggested that people with more diverse populations of bacteria living in their guts are less prone to obesity, cardiovascular disease and diabetes. In fact, the one-out-of-four individuals with low microbial diversity appeared more likely to gain weight and gain it more quickly than their high-diversity friends.

More than being indicators of our tendencies, microbes may be directly engineering our metabolism or modifying the way our bodies encounter nutrients. For example, in mouse studies, exchanging the microbes of a thin mouse for those from an obese mouse actually increased the mouse's weight without dramatically changing the diet.

We are still learning about these complex interactions and which specific organisms might be responsible but it's an important area for the medical and agricultural sectors. If a doctor or veterinarian is only considering the health of the team captain and ignoring the rest of the team, it will not be a great season.

In the future, we may be able to treat conditions like obesity and diabetes simply by adjusting the levels and diversity of microbes in our systems, rather than taking drugs. And our metabolism is just the beginning. There are hints that our microbes are sending chemical signals that affect our psychological and emotional function as well.

Scientists recently discovered that some soil microbes actually increase our levels of serotonin, a neurotransmitter found to have a calming effect on temper and to increase intelligence. It has been suggested that

this alteration in our mood may make us more social, allowing the bacteria to be transmitted between hosts and therefore to multiply.

In the future it may be possible to take an asthma-style inhaler full of friendly uplifting microbes when you are having a bad day – instant warm fuzzies. Imagine stopping off for a delicious fruit shake from a local stand with a microbial additive that will help you focus in class or get over that disastrous crush on your neighbour.

A new review suggests that by 2050 the number of individuals who will die of antibiotic resistant superbugs is expected to out-pace even cancer at an estimated 10 million people per year. Much like the “peak oil” crisis, the “peak antibiotic” point has likely transpired. The hunt is now on for the next set of solutions to this worldwide health crisis.

Another promising area of microbial research is the acceptance of a form of medicine that saved lives during the first half of the 20th century from the United States to the Soviet Union and Georgia. Bacteriophages (phages for short) are viruses that seek out and destroy specific bacterial targets in order to replicate themselves. These entities have been the natural parasites of bacteria for billions of years and they are very good at it.

Phage therapy is the application of a cocktail of appropriate phages in order to combat specific bacteria. This is a medical treatment formerly applied to humans that lost wide acceptance in much of Western medicine. The beauty of phages as medicine is three-fold. They are extremely specific to particular pathogens and can therefore be tailored to suit. They replicate themselves when they destroy their targets, enhancing effectiveness at the infection site. And when the infection is gone, they simply leave the system to be recycled naturally.

Despite these advantages, when antibiotics were found to be safe and effective mid-century phage therapy was dismissed outside of the Soviet block. Cold war era politics kept the lessons of appropriate phage use outside of the mainstream but it looks increasingly likely that phage therapy will be approved for use in humans once again.

Gone will be the days of taking an antibiotic with broad-spectrum killing of the important and beneficial microorganisms in our bodies. Infections will be handled by taking a small dose of your enemies' enemy. 2015 is actually the “Year of the Phage”, marking 100 years since the first discovery of bacteriophages. I think it will be much less than another century before we come back around to using these entities in human medicine.

There is no telling where tinkering with our microbial communities will take us. While some will no doubt continue to make us sick, the vast array of microbes on our planet may turn out to be the undiscovered rainforest of natural cures we have been searching for.

Dr Heather Hendrickson is a senior lecturer in Molecular Biosciences at Massey University

Date: 29/11/2015

Type: Features

Categories: FutureNZ - Health; FutureNZ 2015

Making Te Reo 'cool' essential to language's future



Dr Hinurewa Poutu says young Te Reo Māori speakers need to be encouraged to make the language cool

Māori youth fluent in Te Reo Māori need encouragement and examples of language used in social situations to ensure the language becomes more appealing and widely used, according to Massey University PhD research written entirely in Te Reo Māori.

Creating opportunities and examples for Te Reo to be considered “cool” by youth is one of the key findings of research by Dr Hinurewa Poutu (Ngāti Rangī, Te Āti Haunui a Pāpārangī, Ngāti Maniapoto).

Dr Poutu's first language is Te Reo Māori and she teaches secondary school level at Te Kura Kaupapa Māori o Mana Tamariki, a Palmerston North Māori language immersion school. She says young people are contributing to the future of the language and making it relevant to their lives by creating words like *wekeneru* – a slang term coined by teens to mean awesome, wicked or to convey a sense of wonder.

Dr Poutu graduated last Friday with a PhD in Education. Her thesis is one of two written in Te Reo Māori and one of 11 PhDs of a total of 52 at Friday's ceremony to be conferred on Māori scholars.

Her research explored the role of youth in Māori language revival, and the factors that influence the use of Te Reo Māori among those who've been educated in Wharekura (Māori-medium secondary schools).

She carried out a national online survey of 478 participants, from high school students to those in their early 30s, and did face-to-face interviews with 51 students, staff and graduates of Māori medium schools. Wharekura graduates are employed in a wide range of jobs, from medical doctors to sheep shearers, and in education, media and professional sport and many have been successful in overseas jobs.

“One of the reasons I chose this topic is that our recent census data has suggested a decline in Māori language speakers,” she says. “If any generation is likely to show the future of Te Reo Māori it'll be those

who can speak Māori, and it'll be the younger generation who've been raised through Māori medium education.”

School is the place most teens speak Te Reo

Her research shows that while school is the main domain where the language is spoken – at least in class when the teacher is near – youth switched to English for social interactions and on social media.

“English tends to be used socially as there aren't enough opportunities to hear Māori in social situations or to learn Māori expressions for gossiping with your friends, courting, playing. For most kids, Te Reo Māori is used in formal contexts only.

“As educators, we need to put more emphasis on colloquial usage. ‘Make it cool’ is a key message.”

Comments from the older participants in her study who have been educated through Māori medium schools offered hopeful insights. Of 134 who have come from language immersion, half now have children and half of those speak only in Te Reo Māori to their children, while more than half use Te Reo some of the time.

“It's looking promising because none of them would have grown up in a home were Te Reo was spoken all of the time,” Dr Poutu says.

This highlights another challenge in ensuring language revival takes hold and flourishes, with Māori still not the main language at home for some students currently attending Māori medium schools.

Te reo speakers realise gift of language beyond teens

Dr Poutu, 30, says her parents' generation didn't grow up speaking Māori either, but made sure she was raised at Kohanga Reo (early education) and Kura Kaupapa Māori (primary school) and Wharekura (secondary schools). “My generation and the current generation are a product of the hopes and aspirations of previous generations who didn't have the luxury of choice to learn in Te Reo Māori.”

She says her mother's father (her only living grandparent) is a native speaker and Dr Poutu speaks in Māori with him. That her parents didn't grow up speaking their parents' first language is a reflection of attitudes of earlier times when children were punished or strongly discouraged from speaking Māori. Her parents learned Māori in their 20s, and decided they would only speak Māori with their children.

Dr Poutu says most teens attending Māori-medium schools “don't realise how lucky they are to be fluent Te Reo speakers. There's no appreciation till their early 20s and then they do realise; ‘wow, I've got a very special gift knowing how to speak Māori. You take it for granted because it's been normalised [at school].

“Some of those in their mid-20s to mid-30s have gained almost a profound appreciation of their ability to speak Te Reo, which many had commented on. They, too, had taken it for granted.”

They commented on the value of being bilingual in opening up two worlds, of being comfortable in Māori situations, and more deeply connected to the spiritual element – wairua– of their culture.

Along with this comes certain pressures that may not otherwise be present at their age, like being asked to speak in formal situations, and conducting traditional chants or prayers.

Some participants reported a change in family social dynamics through being more fluent than their parents. But this was mostly in a positive sense, with the young helping parents to improve in fluency.

Complacency may undermine gains in language revival

With 1200-1500 students in Māori immersion high schools – and with numbers in Kohanga Reo and Kura [primary] going down – Dr Poutu detects a sense of complacency about language revival efforts.

“In the 1980s there was a big, passionate movement and drive. Now that you see buildings like ours [Mana Tamariki], and with Māori Television on air, it gives a false impression the language is alive and well. But we're at that critical stage now where we have to be proactive engaging in revival efforts.”

Dr Poutu, who was appointed to the board of the Māori Language Commission this year, would love to see Te Reo available more widely at mainstream schools and taught more rigorously at earlier levels, as a way of overturning New Zealand's steadfastly monolingual culture.

She feels her own experience writing a PhD in Te Reo offers an example to younger scholars. “People said ‘Aren't you limiting your audience by writing in Māori?’ But I feel it will add to the growing body of academic work produced in Te Reo Māori, and it's important to show kids who are growing up in our kura that you can get to the highest level at university and use Te Reo.”

She says writing her PhD in Te Reo is the “ultimate compliment” and acknowledgement to those who raised her.

Her research has given optimism about “the passion out there. There's a love for the language and desire to pass it on to the next generation, and to use it. A desire for it to be normal, to go to Pak ‘n Save and speak Te Reo! That's the long term goal.”

The title of her thesis is: *Kia Tiori ngā Pipī: Mā te aha e kōrero Māori ai nga taitamariki o ngā wharekura o Te Aho Matua?*, meaning: ‘May the chicks sing: What leads to Māori language use among youth raised in wharekura that adhere to Te Aho Matua?’

(Te Aho Matua is the guiding philosophy of kura kaupapa Māori).

Date: 30/11/2015

Type: Research

Categories: Home Page article; College of Education; College of Humanities & Social Sciences; Feature; Graduation; Graduation (Palmerston North); Maori; Research; Teaching; Uni News

Veterinary degree increases capacity to meet demand



Massey University is increasing the number of domestic places available in their veterinary degree.

The Government has given funding approval for a 20 per cent increase in the number of veterinarians New Zealand can produce to meet growing national and international demand from the agrifood sector.

Tertiary Education, Skills and Employment Minister Steven Joyce approved an increase in the number of domestic places in Massey University's Bachelor of Veterinary Science degree from 84 a year to 100. It takes effect for the next intake at Massey's Manawatū campus in June.

The students will be selected for the professional part of the programme, which begins in semester two each year, after first completing the required entry papers in semester one.

Veterinary programme director Professor Tim Parkinson says the increase comes at a time when the demand for veterinarians worldwide is high.

“The veterinary profession remains a net growth sector, with increasing awareness of the inter-relationship between animal and human disease, increased numbers of livestock to produce food for the increasing population, and a general increase in people’s expectations about the health and welfare of animals.

Professor Parkinson says alongside veterinary teaching, the university also holds a strong position worldwide in animal welfare, infectious diseases, epidemiology and livestock system research.

“Perhaps because of these strengths of the Massey degree, its veterinary graduates are snapped up by employers. This is reflected in the recent QS international rankings for university courses, which placed Massey’s veterinary graduates as the most highly employable in the world – ahead of many larger and older schools.”

In addition, the vet school will enrol up to 24 full fee-paying international students each year, depending on demand and providing they meet the strict course intake requirements, which are among the toughest in New Zealand education.

Massey embarked on a big expansion and redevelopment of its veterinary teaching facilities two years ago. Facilities in the companion animal and equine hospitals have been refurbished to meet higher standards demanded by international accreditation agencies and to accommodate larger classes. The ongoing developments include new teaching laboratories scheduled for completion in 2017.

The veterinary programme, offered since 1963, is the only one in New Zealand, and is ranked by QS 15th overall in the world for veterinary science and number one with employers.

It is accredited by the Australasian Veterinary Board Council the American Veterinary Medical Association and the Royal College of Veterinary Surgeons. It was the first veterinary programme in the southern hemisphere to achieve all three. The degree is also recognised through reciprocity by the South African Veterinary Association.

Date: 30/11/2015

Type: University News

Categories: Home Page article; College of Sciences; National; Palmerston North; Teaching; Uni News

Research provides innovation roadmap for Auckland



Massey University researchers believe an innovation district could be successfully established in Auckland's North.

New Zealanders need to change a prevailing 'do-it-yourself' mindset if we want to develop successful innovation districts in this country, says a Massey University entrepreneurship researcher.

Dr Rebecca Gill, the lead researcher for the *Grow North Innovation District* research project, will report her findings at a summit at Massey University's Auckland campus today. The research investigates the opportunities and challenges to developing an innovation district in Auckland North, but also has implications for innovation hubs in other parts of Auckland and New Zealand.

While Kiwis are quick to invent new solutions, there is also a mentality that success comes from an independent, do-it-yourself effort," Dr Gill says. "While this ability is viewed as a national strength, it also contributes to a mindset that leads to non-collaboration, slow commercialisation of innovation and globally naïve strategies.

“In successful innovation districts overseas ‘coopetition’ – or cooperative competition – is considered a healthy thing, but New Zealand startups are generally hesitant to develop these sorts of partnerships.”

Dr Gill says her research, which involved extensive interviews with business, education and local government leaders in Auckland North, uncovered a strong desire for greater sharing of information and knowledge in a way that improves the innovation ecosystem.

“There are pockets of innovation all over Auckland North, but we really need to mobilise open collaboration and connections between these existing groups,” she says. “Then you’ll see those connections multiply to create an ecosystem – a place where clever businesses work together and local schools, Massey University and industry are completely integrated.”



Dr Rebecca Gill.

What are the next steps?

At the Grow North summit Dr Gill will also present a roadmap, based on her research findings, for establishing an innovation district in Auckland North, and connecting it to other innovation sites in Auckland and around the country.

She says the first step in the roadmap will be to establish the Grow North Trust, a steering group to “steward the process forward”. The group will be made up of key figures from industry, the education sector, government and also include venture capitalists.

The next priority, Dr Gill says, is to connect the clusters that already exist across Auckland North and across wider Auckland, introducing incentives to encourage collaboration.

“To get things started I think there needs to be an online portal where innovators can identify themselves and share what they are doing so useful connections can be made.

“We currently lack an R&D capability database that can easily be tapped into when firms want to purchase each other’s innovation or collaborate on development.”



Smales Farm on Auckland's North Shore already provides space for co-working and shared services.

Innovation is not just about business

Other initiatives in the roadmap include engaging secondary and tertiary students in real innovative projects, with business mentors providing support at every stage of the education pipeline.

“Students could receive academic credits for work experience in new economy businesses, and this also gives industry an opportunity to access and develop the future talent they need.”

Dr Gill says it will also be important to start the conversation about eventually funding the creation of some physical spaces like a public innovation centre, for holding workshops and lectures, connected to public and commercial spaces for co-working and shared services.

“Good transport links are important too and, if it all comes together, you can create a region that has a great reputation for lifestyle that also draws innovative businesses because they want to access the benefits of the ecosystem.”

Grow North event details

The Grow North summit takes place on November 30 at 3pm at Massey University's Auckland campus in Albany. Dr Rebecca Gill will present her research findings and a roadmap for creating an innovation district in Auckland's North. The aim is to connect the key players in the region and gain commitment for the roadmap.

Other guest speakers include:

- Professor Howard Armitage, founder of the Conrad Entrepreneurship Centre at the University of Waterloo in Canada. He was also a key contributor to the world-renowned Waterloo Innovation District.
- Guy Haddleton, director of several software companies, including Wynyard Group, Anaplan and ProjectManager.com. He is an international entrepreneur who resides on Auckland's North Shore. He sold his first startup company, Adaytum Software, in 2003 for US\$160m.

The event also includes an Innovation Showcase, where more than 20 Auckland North innovators will showcase their products and services. The firms, which include Sealegs, Smales Farm and ERoad, all consider themselves part of the local innovation ecosystem.

Event website: <https://www.ivvy.com/event/GRWNTH>

Grow North research details:

The Grow North research project was led by Massey University's Dr Rebecca Gill and supported by Auckland Tourism, Events and Economic Development (ATEED) on behalf of Auckland Council. The project aimed to investigate the challenges to creating an innovation district in Auckland North and to produce a roadmap for its development.

Brett O'Riley, ATEED chief executive, says: "If Auckland is to achieve its goal of becoming an Asia-Pacific innovation hub, it's important that innovation is fostered throughout our region. The Grow North research sets the scene for the future of innovation in Auckland North, feeding in to regional initiatives that aim to deliver on this goal."

Drone Footage Albany Campus | Massey University



Flyover of Massey University's Auckland campus, showing the site of the planned Sciences Innovations Complex.

An entrepreneurial campus at the centre of an innovation ecosystem

Massey University's vision is to have an entrepreneurial Auckland campus at the centre of an innovation ecosystem, says Deputy Vice-Chancellor Professor Ted Zorn.

"Our next phase of development includes the Sciences Innovation Complex to house teaching and research labs and collaborative working spaces to connect the university with its local community.

"Massey has partnered with ATEED in this project to invest in the future growth and economic success of the Auckland North region. We believe we have a key role to play in developing talent and drawing together academic, public, industry, and government interests to collaborate across disciplines.

"And it's not just about developing businesses, we also require innovation and excellence in healthcare, education, transport, social services and culture. The aim is to develop a place where smart, talented people want to live and work."

Date: 30/11/2015

Type: Research

Categories: Auckland; College of Business; Innovation

Auckland North joins to build innovation district



Auckland leaders gathered at Massey's Auckland campus for the Grow North summit. Pictured from left to right in a Sealegs Amphibious Marine Craft: Guy Haddleton, Takapuna-based software entrepreneur; Brett O'Riley, ATEED chief executive; Professor Howard Armitage, Waterloo University; Dr Rebecca Gill, Massey University; and Professor Ted Zorn, head of the Massey Business School.

Over 200 of Auckland's business, academic and local government leaders gathered at Massey University's Auckland campus last night to discuss how Auckland North can join the ranks of the world's most innovative cities.

Massey Business School entrepreneurship researcher Dr Rebecca Gill presented the findings of the 'Grow North' research project, which outlined the opportunities and challenges to becoming an innovation district.

She said that New Zealand's prevailing 'do-it-yourself' mindset was one of the key things holding Auckland North back and true open collaboration was key to a successful innovation ecosystem.

"While Kiwis are quick to invent new solutions, there is also a mentality that success comes from an independent, do-it-yourself effort," Dr Gill said. "While this ability is viewed as a national strength, it also contributes to a mindset that leads to non-collaboration, slow commercialisation of innovation and globally naïve strategies.

"New Zealand startups are generally hesitant to develop collaborative partnerships but you really need connections to multiply across sectors and disciplines to create a successful ecosystem."



Professor Howard Armitage

Cooperation is your 'single biggest competitive advantage'

Keynote speaker Professor Howard Armitage, founder of the Conrad Entrepreneurship Centre at Canada's University of Waterloo, backed up this finding in his presentation.

“At any given time, in our small community of half a million, we have over 1000+ tech startups. That is a crazy, crazy big number for a small community, so what's in the water in Waterloo? The Mennonite culture of working together,” he said.

“I can't over-emphasise this – never, never over-estimate how hard it is to get a group of academic institutions, community leaders, investors and businesses to want to try and pull together. If you can pull it off it will be your single biggest competitive advantage over the other communities trying to accomplish the same thing as you.”

Professor Armitage told the audience that the second part of the Waterloo success story was recognising that “the university is the nucleus”.

“This is where where the educational foundations begin, where you take raw material and begin to transform into value-added activity. It's where you provide the support for new ideas so they don't have to go elsewhere.”

Drone Footage Albany Campus | Massey University



Flyover of Massey University's Auckland campus, showing the site of the planned Sciences Innovations Complex.

The whole community must contribute

During her research presentation Dr Gill outlined the initiatives she thought would move the development of an innovation district in Auckland North forward. These included bringing together key stakeholders from industry, academia and local government to form a steering committee, establishing an R&D capability database and discussing funding for infrastructure.

Massey University Vice-Chancellor Steve Maharey called on everybody in the room to play their part.

“There is no doubt that the smart, innovative corridor from the Auckland Harbour Bridge up to Silverdale can make a contribution to to Auckland and to the country,” he said.

“But this is not someone else's project. The whole community needs to come together. The schools around here are fantastic and the young people who go to them need opportunities to put their talents into action here.

“We need to make sure we get healthcare, transport and the leisure sector right. We need to make sure this is the place where not only businesses want to come, but where people want to live because they can find purpose here as part of a smart, innovative community.”

Mr Maharey said Massey University was poised to contribute to the innovation ecosystem.

“We are in shape to start building our Sciences Innovation Complex, which has in it everything from fundamental sciences right through to practical application where it interfaces with social science and business. We want this campus to absolutely be at the centre of this vision.”

ATEED chief executive Brett O'Riley said one of his organisation's aims was to make Auckland a more affordable place to live.

“The best way I know how to do that is by lifting incomes, and the best way of lifting incomes is to encourage the growth of businesses that are going to lead that charge.

“Today is a logical next step in the journey to becoming an innovation hub for the Asia Pacific but, more importantly, a place where our young people want to live and grow and thrive in the future.”

Date: 01/12/2015

Type: University News

Categories: Home Page article; Auckland; College of Business; Innovation

First Massey University Press book focuses on new-generation HIV researchers



Massey University Press publisher Nicola Legat (left) with authors Fungai Mhlanga, Balakrishnan Nair, Shakeisha Wilson, Dinar Lubis, co-editor Meaghan Fisher and College of Health Pro-Vice Chancellor Professor Paul McDonald.

The first Massey University Press book rolled off the presses at the Massey Printery this week and has been launched on the eve of World AIDS Day.

Edited by Associate Professor Mark Henrickson and Meaghan Fisher from the School of Social Work, *Local Tools for Global Change* consists of four chapters by PhD students from Auckland institutions who are researching HIV - Shakeisha Wilson, Dinar Lubis, Fungai Mhlanga and Balakrishnan Nair.

The world is now well into the third decade of HIV, and we have learned an enormous amount about this virus and the communities it affects, says editor Mark Henrickson. HIV is not only a medical and epidemiological problem, but also a challenge to social and political infrastructures. It is hard to imagine anything that has so radically transformed social and research agendas around the world in such a short period of time, he says. It has required that medical and other healthcare practitioners, “bench” researchers and pharmacologists, social workers and organisers, policymakers and politicians work together to create effective and compassionate responses. The four edited pieces show how this can be done in a range of environments.

Associate Professor Mark Henrickson, from the University's College of Health, is well known internationally for his research in this field. He worked for many years in HIV-related health and mental health care before entering the academic sector. He has published on HIV prevention, care delivery, programme design and evaluation, sexual and gender minorities and Black African migrants in New Zealand. Over the last six years he has provided technical advice on HIV in the Pacific for UNAIDS, UNICEF, UNFPA and WHO, and has carried out in-country research and consultation in Tonga, Vanuatu, Fiji, Kiribati, Cook Islands, Indonesia and Sri Lanka.

He says, “The monograph foreshadows the next generation of researchers to realise the UNAIDS vision of zero new infections, zero discrimination, and zero AIDS-related deaths. It highlights how students are utilising local tools to effect global change.”



Massey University Press publisher Nicola Legat.

Professor Paul McDonald, Pro Vice-Chancellor, College of Health, says it is fitting the first Massey University Press book is aimed at renewing public awareness of such a profoundly important health and social condition as AIDSs. “People need to know this scourge, and its social and cultural impacts, haven't gone away. Congratulations to Massey Press and to our School of Social Work's Mark Henrickson and Meaghan Fisher.”

The Press's publisher Nicola Legat is delighted to be publishing this book. “As a brand new press for the university, we exist to give muscle to its research arm. This is the first book in an ongoing *Massey Symposia* and *Massey Academic* series of titles from across all disciplines and Colleges that's designed to do just that.”

Furthering the all-Massey approach, the book — and the *Series* look in general — was designed by OpenLab at Massey's College of Creative Arts.

Date: 01/12/2015

Type: Features

Categories: Home Page article; Auckland; College of Health; Explore - HEALTH; Feature; Research

Grad singer in tune with Māori women's success



Ariana Tikao performing her waiata in Ceremony Two at Friday's graduation ceremony

Singer-songwriter Ariana Tikao missed her own graduation ceremony at Massey University in 1997. But last Friday she paid tribute to the high number of Māori women doctoral graduates at the November graduation with her spellbinding, multi-media performance.

Ms Tikao (Kai Tahu) – the first Māori student to graduate from the School of People, Environment and Planning with a Postgraduate Diploma in Museum Studies – says she was honoured to perform at Ceremonies Two and Three in celebrating the success of all graduates, and especially Māori women scholars.

The recording artist sang her waiata, *Tuia*, which translates as “to sew, to stitch, to bind”. It is an adaptation of a *tauparapara* – a formal speech often recited during a pōwhiri to signify a bringing together of various realms, and to celebrate ancestors.

“This in turn relates to our collective strength as a people,” she says. “Through one another's support, we are able to achieve our aspirations.” She also played a traditional carved Māori flute – a *koauau* – during her chant-based vocal with a backdrop of haunting video and dramatic lighting.

Seven of the 26 PhD graduates at Ceremony Two – for the Colleges of Health, and Humanities and Social Sciences – were Māori women, including three Doctors of Clinical Psychology. Two other PhDs were by non-Maori women who had researched Māori topics. Four Māori men – one each in Ceremonies One (College of Sciences) and Two (College of Health), and two in Ceremony Three (Massey Business School) – were also capped with doctoral degrees on Friday.

Altogether, eleven of a total 52 PhDs awarded at Friday's graduation ceremonies were conferred to Māori scholars, including two written in Te Reo Māori, by Dr Hinurewa Poutu and Dr Agnes McFarland.

Watch Ariana's performance

[Ariana Tikao at Massey University Graduation](#)

Ariana Tikao uses traditional Māori music forms and instruments in her performances

Family connection to graduation

Ms Tikao had a family connection to the day – her brother David Tikao graduated in Ceremony Three with a Master of Business Administration. She missed her own graduation ceremony 18 years ago as she had moved to Sydney after completing her diploma. She has since undertaken various study programmes at universities around New Zealand to pursue her interests in language and culture.

Ms Tikao currently works with Māori archival collections at the Alexander Turnbull Library in Wellington. Her music is inspired by traditional music and stories from Te Wai Pounamu (the South Island). She released her third album *From Dust to Light* in 2012 and a single, *Kia Mataara*, last November.

Date: 01/12/2015

Type: University News

Categories: College of Humanities & Social Sciences; Explore - Planning; Graduation; Graduation (Palmerston North); Maori; Uni News; Video Multimedia

Multi-source protein foods for optimal mobility in East Asian seniors



From left to right: Distinguished Professor Harjinder Singh, Dr Simon Loveday, Dr Sharon Henare, Distinguished Professor Paul Moughan.

A group of Massey University's top scientists at the Riddet Institute have been awarded almost a million dollars of research funding to create foods that will keep the elderly active and independent for longer.

The money comes from a total of \$7million research investment funding from the High-Value Nutrition National Science Challenge to build the science behind innovative new foods.

The project between Goodman Fielder and the Riddet Institute hosted by Massey University, will explore bringing together unique combinations of proteins to create foods that will naturally stimulate muscle function.

Project leader and rising young scientist Dr Simon Loveday says an ageing population is a global issue, particularly for some of New Zealand's largest trading partners in East Asia, including China, Japan, Taiwan and Korea. "The number of people over 65 is predicted to more than double between 2015 and 2050. There is a growing demand for foods that support wellness among East Asian seniors, yet few food products address this demand."

Working alongside Dr Loveday are colleagues Dr Sharon Henare, Distinguished Professor Harjinder Singh, Head of Massey Institute of Food Science and Technology and Co-Director Riddet Institute, and Distinguished Professor Paul Moughan, Co-Director Riddet Institute. The team will work with Goodman Fielder's Research and Innovation Senior Manager, Dr Shantanu Das.

Keeping the elderly mobile – A new research project funded by ...



Source: *High-Value Nutrition National Science Challenge*.

Dr Loveday says, “Many Asian populations are relatively unfamiliar with dairy foods, which have historically been unaffordable, unavailable, or unappealing due to lactose intolerance. But now these factors are changing. Incomes have risen dramatically in the last 20 years, milk is more widely available in Asia and low-lactose dairy ingredients are common.

“Older East Asians are accustomed to soy-based foods, and consume relatively low amounts of dairy. The unfamiliar flavour of dairy foods and the lack of awareness about their health benefits for seniors are among the key barriers to increasing dairy consumption. We will address these barriers by underpinning the development and marketing of premium high-protein food products that augment soy protein with New Zealand milk proteins to naturally stimulate muscle function in older people.”

This project builds on a long-standing research collaboration between Goodman Fielder and the Riddet Institute that has already created a number of IP protected technologies for developing high-value premium food products.

Professor Harjinder Singh says this is an exciting project that utilises the world-class, unique capability in food structure and digestion developed in the Riddet Institute over several years. “It provides a challenging interface between food protein formulation and delivering specific nutritional and health outcomes for our major export markets in Asia. This is also an excellent example of the role of Riddet CoRE in developing strategic Research and Development partnerships with industry to deliver economic outcomes, and training our bright young scientists to take on leadership roles.”

Pro Vice-Chancellor of Massey's College of Health, Professor Paul McDonald says Asia has a big and rapidly growing problem with diet-related diseases such as heart attack, stroke, diabetes and cancer. “Therefore nations and consumers will insist on products which prevent disease and enhance health. Dr Loveday and his colleagues will help New Zealand grow food exports by meeting this demand for more nutritious food products in Asia.”

High Value Nutrition is one of eleven National Science Challenges with an \$84 million budgeted investment over the next ten years, aimed at establishing New Zealand as an international leader in food-for-health and helping grow exports by \$1billion by 2025.

Date: 02/12/2015

Type: Research

Categories: Home Page article; College of Health; Explore - Food; Explore - HEALTH; Feature; Funding; Government Policy commentators; Research; School of Food and Nutrition

New thinking for climate change impact on coasts



Resilience and natural hazard planning specialist Professor Bruce Glavovic

Irrespective of the success or otherwise of the Paris climate change conference, New Zealand needs to grapple with adapting to a changing climate, says a Massey University resilience and natural hazard planning specialist.

Communities living on low-lying shorelines or along rivers prone to flooding – including many in the Manawatū – face the prospect of escalating natural hazard risk and need to build their adaptive capacity now, says Professor Bruce Glavovic, from the School of People, Environment and Planning.

He is giving a public talk in Palmerston North this Friday to coincide with Friday's focus on oceans at the UN COP21 conference in Paris on climate change.

Bold leadership is needed in Paris, he says. However, for ordinary New Zealanders, the more vexing issue is how planners, local bodies and communities address the effects of climate change, especially for those living along our coasts and rivers. A 'business as usual' approach to addressing climate change impacts by relying on static protective measures – such as sea walls and stop banks – is ultimately ineffective because sea levels will continue to rise and flood risk in places like the Manawatū will get progressively worse, he says.

Current approaches for addressing climate change impacts involve expensive, adversarial legal processes that fail to resolve the issues they are intended to address. Consequently, communities are poorly equipped to adapt to changing conditions, Professor Glavovic says. Alternative solutions, such as "managed retreat" and "adaptive pathways", require new kinds of conversation between local body authorities, the private sector and the public, he suggests.

He cites the Kapiti Coast and areas of post-quake Christchurch as prime examples of regions vulnerable to the effects of progressively worsening coastal erosion and flooding where solutions have proved difficult under current legal and governance arrangements.

Business as usual or bold decision-making?

So what are the prospects for rural communities with minimal flood protection and more frequent extreme flood events?

He says that while there is no simple “recipe” for how to adapt to climate change, New Zealand communities can choose between a “low road or a high road.”

“We can take the low road – carry on with business as usual and worry about the consequences of climate change sometime in the future – at massive cost to our communities. Or we can take the high road and begin to unlock opportunities and benefit now by building more vibrant, resilient and sustainable communities.”

Leadership is needed to enable effective community decision-making at the local and regional level. “There is a mismatch between the problems we need to resolve, and the tools we currently have, which are not fit for purpose in a changing climate.”

Professor Glavovic is the lead editor and a contributing author of *Climate Change and the Coast – Building Resilient Communities* (CRC Press), published earlier this year. In his talk he will draw on local and global case studies in the book that showcase how coastal communities are facing climate change impacts.

He hopes his talk will spark interest among those in the local community with responsibilities or concerns about planning for resilience and sustainability. “We need to create safe spaces for difficult conversations to enable our communities to face and adapt to the turbulence, uncertainty and contestations of climate change impacts,” he says.

Five steps Professor Glavovic says are needed:

Raise awareness and accept reality – climate change is happening now.

1. Build shared understanding about the risks facing your community through joint fact-finding.
2. Work together to jointly solve unprecedented complex problems. Tough decisions will need to be made that result in winners and losers, but a consensus-building process will enable communities to make robust decisions in their best interests.
3. Face the future with confidence by envisaging alternative future scenarios (including the worst case scenario) and identifying pathways that progressively yield no-regret outcomes over time.
4. Mainstream climate change into everyday community planning and decision-making.

Event details:

Free public lecture: Climate Change and the Coast – by Professor Bruce Glavovic

Friday, 4 December at 12-12.45pm, Planning Studio, Geography Lab Block GLB 2.01, Manawatū campus

Date: 02/12/2015

Type: University News

Categories: College of Humanities & Social Sciences; Environmental issues; Explore - Planning; Joint Centre for Disaster Research; Palmerston North; Uni News

Are pets helping spread antibiotic resistant infections?



Scientists are investigating whether household pets may be helping spread antibiotic resistant infections.

A Massey University led research study is looking at how drug-resistant bacteria may be spread in households – including whether pets and suburban wild birds transmit antibiotic resistant bacteria.

Public health specialists and clinical microbiologists, in collaboration with veterinary researchers from Massey's Molecular Epidemiology and Public Health Laboratory (mEpiLab) have begun conducting surveys in households of people with a multi-drug-resistant infection to see how their lifestyle, antibiotic use and interaction with other members of their family (including the furry or feathered ones) may contribute to the spread of antibiotic resistant bacteria.

Researchers from Massey University, postdoctoral fellow Zoe Grange and doctoral student Leah Toombs-Ruane, will use DNA sequencing of bacteria from human and animal faeces, to understand how multi-drug resistant bacteria may be transmitted between members of the household.

Project co-ordinator Dr Jackie Benschop says the World Health Organisation has identified antimicrobial resistance as a growing global issue and there is concern back home about an increase in the incidence of two particular types of antibiotic resistant bacteria, *E. coli* and *Klebsiella*, which the team will be investigating.

“Strains of the resistant bugs are spread through communities. We want to understand the dynamics of a small community, a family, to ultimately inform public interventions to reduce transmission.”

“It's really important to inform public health programmes and policy through science.”

“Preserving the effectiveness of antibiotic drugs is vital to protecting human and animal health.”

It is also poignant given the announcement by the New Zealand Veterinary Association in July stating that by 2030 New Zealand will not need antibiotics for the maintenance of animal health and wellness. They say the key to achieving this goal is attitudinal and behavioural change all the way from government to the public.

Last year, the research team, led by veterinary public health specialist Professor Nigel French was granted \$1,126,725 for the three-year project from the New Zealand Health Research Council.

The research is in collaboration with the Institute of Environmental Science and Research (ESR), Labtests Auckland and the University of Otago.

Date: 02/12/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - HEALTH; National; Research; Research - Health and Wellbeing

Engineering student wins research and design award



Greig Keesing presents at the GT Murray Memorial Award competition in Auckland.

Fourth year Massey University engineering student Greig Keesing has won second place at an annual event organised by the Institution of Professional Engineers New Zealand to highlight engineering research and design – the GT Murray Memorial Award.

The competition was held earlier this month at the Manukau Institute of Technology in Auckland.

In his presentation, he outlined a new technology for reducing back pressure in a car exhaust system. Back pressure is an increase in the resistance against the exhaust. Back pressure can have a negative effect on engine efficiency, decreasing power output and increasing fuel consumption. Mr Keesing developed a prototype using three dimensional printing technology which reduced back pressure by three to six per cent.

Senior lecturer in product development in Massey's School of Engineering and Advanced Technology Dr Sanjay Mathrani said Mr Keesing was excellent and engaged well with the audience. "The presentation generated a lot of interest with many questions from the judging panel and the audience. Greig's answers were outstanding and showed the depth of his subject knowledge".

The first place holder was from the Auckland University of Technology and the third place from the University of Auckland.

The award is named after George Thomas Murray, who was president of the institution, then known as the New Zealand Society of Civil Engineers, from 1930 to 1931.

Date: 02/12/2015

Type: Awards and Appointments

Opinion: Down on the Farm – a challenge to social licence



A screenshot from the Sunday programme.

By Professor of Animal Welfare Science David Mellor

Let us be direct. The serious animal mistreatment shown in the *Sunday* programme was not just disappointing, it was appalling. The gross abuse of kicking, beating with a plank and throwing the calves within the particular slaughterhouse was totally unacceptable. The sacking of the person responsible, which has apparently occurred, is not sufficient. This person should be prosecuted – let's hope the covertly filmed evidence is sufficient for this. Likewise, the throwing of bobby calves grabbed from the roadside pens onto the elevated decks of trucks, reportedly filmed at several locations, is equally unacceptable, and those responsible should also be prosecuted.

“Animals must be handled and moved in such a manner as to minimise distress.” (New Zealand Commercial Slaughter Code of Welfare, Minimum Standard).

“Animals must be loaded and unloaded in a way that minimises the risk of pain, injury or distress to the animals.” (New Zealand Transport Code of Welfare, Minimum Standard)

“Animals must not be thrown or dropped, or be lifted or dragged by their tail, head, horns, ears, limbs, wool, hair or feathers.” (New Zealand Transport Code of Welfare, Minimum Standard)



Professor David Mellor

The neglectful ill treatment of calves left unattended and closely confined without shade, shelter and milk for up to eight hours at the roadside in the two examples shown is also completely unacceptable, and those responsible should be penalised. At pickup, these calves would have been hungry and the very depressed behaviour of most of them was likely due to the combined effects of hunger, dehydration and overheating.

“While waiting to be loaded and following unloading, animals must be provided with protection from adverse environmental conditions ... to reduce the risk to their health and welfare caused by exposure to heat or cold.” (New Zealand Transport Code of Welfare, Minimum Standard)

“Animals must be appropriately prepared for transport, including through the provision of sufficient food and water ... so that pain, injury or distress ... is avoided.” For example, “Calves less than one week of age are fed within two hours prior to travel.” (New Zealand Transport Code of Welfare, Minimum Standard).

The outrage felt by many members of the public and caring dairy farmers at the mistreatment of the engaging, helpless and very young calves shown by Television New Zealand is really understandable. All of us are genetically programmed to care for and protect vulnerable young and our motivation to do so is mainly emotional. This helps to explain the deeply embedded sense of unease aroused by the above events. It also helps to explain the lingering unease felt by many people despite the reassurances from dairy industry representatives that these are isolated cases and that the vast majority of farmers do behave in caring and responsible ways towards their calves. Actually, the covert film did show two calves being gently picked up in a paddock and carefully placed in a trailer – in the overall context of the documentary this was probably not noticed by most viewers. Nevertheless, the other events shown very probably damaged trust in the industry and would thereby increase scepticism regarding its public statements.

How prevalent are such practices? We all hope that they are as rare as the industry claims, but in fact we do not know. Certainly, the industry provides detailed advice on the welfare, care and management of bobby calves. A good example is the readily available [Dairy New Zealand advice](#). My own limited experience is that dairy farmers, truck drivers and slaughterhouse staff care for and handle bobby calves considerably and well. But how can this be demonstrated on a larger scale? One way is suggested below.

The *Sunday* programme raised another criticism. It portrayed the industry requirement to separate the cow and calf shortly after birth, essential for humans to access the milk, as a potentially cruel practice. It is true that once bonding has occurred, both cow and calf respond emotionally when separated. However, if the calf is cared for attentively and fed well, this separation anxiety lasts a shorter time in the calf than the cow. Nevertheless, witnessing their responses activates our own inner programming to nurture and protect vulnerable young and our strong desire to keep them near us for that purpose. For some people this questions whether such routine cow-calf separation should be allowed at all. This is not a trivial concern, and it would be exacerbated by any additional welfare imposts, especially if they were serious and avoidable, such as those referred to above.

The dairy industry is entirely dependent on the initiation of lactation by pregnancy and the birth of calves, and then cow-calf separation to provide access to the milk. The calves may then be humanely dispatched immediately after birth or kept for at least four days and then sent for slaughter. Some others are reared to maturity as herd replacements or for dairy beef. This is reality – which, for many, challenges our desire to care for and protect these newborn and young calves. So how might we proceed if we want the health, social and economic benefits provided by the dairy industry to continue, and how might ongoing public support – i.e. ‘social licence’ – be secured for the industry?

To be economically viable, farming practices usually involve trade-offs of harms against benefits, but the trade-offs can only be justified when great care is taken to minimise all the harms and to maximise all the benefits. Assiduously attending to calf welfare through considerate handling, feeding, health care and other activities, guided by science-based welfare codes and industry advice on what good husbandry entails, does make major contributions to harm reduction in this context. To be convinced, however, concerned members of the public need evidence both that this is in fact the case and that it applies to the vast majority of calves. One means of achieving this would be for the industry, including dairy farms, transport companies and slaughter premises, to establish an integrate welfare-focussed system designed to independently audit bobby calf management throughout the supply chain. Such a system would enable the industry to demonstrate that it has high standards and how widespread they are, and to detect substandard cases requiring advice for improvement or penalties for serious breaches.

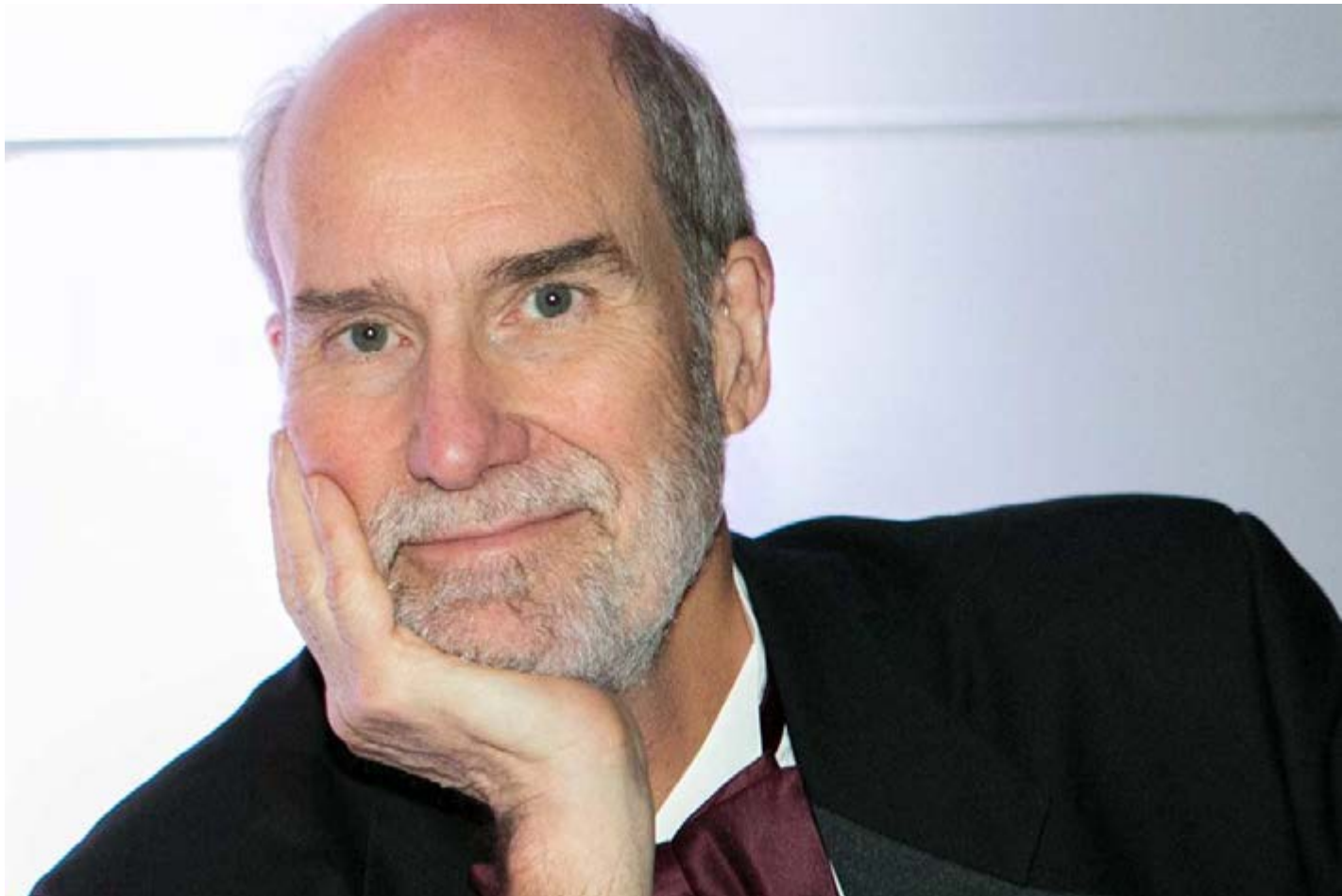
Social licence depends on trust. Trust is damaged by examples of serious harm, however isolated or rare they may be. The dairy industry would be well advised to take active steps to maintain and enhance trust by putting in place rigorous and transparent measures for managing matters of genuine concern to the public, such as those raised by the *Sunday* programme.

Date: 03/12/2015

Type: Features

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Opinion Piece; Palmerston North; Research - 21st century; School of Economics and Finance

Potter appointed Health Ministry's chief science advisor



Newly appointed Chief Science Advisor to the Ministry of Health Professor John D Potter.

Professor John Potter from the Centre for Public Health Research has been appointed as chief science advisor to the Ministry of Health.

The new role has been welcomed by Professor Sir Peter Gluckman, the Prime Minister's chief science advisor, and the ministry's director-general Chai Chuah.

Mr Chuah says, "Professor Potter is eminently qualified to add to the high quality advice the Ministry is constantly seeking. His experience in scientific research will allow him to challenge the thinking processes we use in delivering core health values.

Professor Potter's research has been aimed at understanding the risk and biology of colorectal, breast and pancreatic cancers, developing biomarkers for screening and early detection and monitoring cancer progression in high-risk individuals.

He says New Zealand has many strengths in its healthcare infrastructure but there are places where further attention to prevention and early detection of disease will pay dividends.

Professor Potter said, "With leadership on science issues from Sir Peter Gluckman and its own internal priorities, the Ministry has already begun to work on some of these with, for instance, clear recognition of the problem of childhood obesity and the launching of a pilot programme on colorectal cancer screening.

"Policy is made, in the end, on the basis of politics and economics – the art of the possible. However, having as good as possible understanding of the science matters so that whatever policy is drawn up for initial consideration is as well informed as it can be.

“It is clear to me the Ministry of Health has many talented people who can work on good policy; what they need, in a number of situations, is an assessment of the state of the science in the relevant area. Science, particularly in relation to health, is fluid. New findings and new analyses are with us almost daily in some areas. In order to synthesise all that data and knowledge in the best possible way, having a epidemiologically trained biomedical scientist on hand should really help. I am honoured and delighted to take up this opportunity and challenge.”

Sir Peter Gluckman says, "I am delighted that the Ministry of Health has appointed a science advisor – it adds immensely to the capacity of our evolving science advisory system. John Potter is an outstanding appointment, with a depth of experience and an ideal skill set for the role. I look forward to working with him as we collectively work to improve the use of evidence in policy development and evaluation."

Director of Massey's Centre for Public Health Research Professor Jeroen Douwes says, “John Potter has a long and distinguished career in cancer epidemiology and has the ability to communicate across different disciplines including medicine, public health, biomedical sciences and health policy. He is ideally suited for this role and will be a significant asset to the Ministry of Health.”

Professor Potter will take up his role on January 7, 2016.

Date: 04/12/2015

Type: Awards and Appointments

Categories: Home Page article; Awards and appointments; College of Health; Explore - HEALTH; Government Policy commentators; School of Health Sciences

Challenges to academic freedom debated



The 'critic and conscience' role of academics has been part of university culture for more than 800 years says Vice-Chancellor Steve Maharey (image of a university class in central Europe in the 1300s/source Wikipedia Commons)

Academics are required by law to be society's 'critic and conscience'. But too many are hindered in this role by heavy workloads and discouragement from government and their own managers, says the national president of Tertiary Education Union (TEU).

As a result, New Zealand's academic community has become "quieter and quieter", according to a Dr Sandra Grey, a politics lecturer at Victoria University and TEU's National President. She voiced her views during a forum last week at Massey University's Manawātū campus on the public role of academics.

Dr Grey was the first of three guest speakers at the forum titled *Critic and Conscience of Society? – the Neoliberal present and uncertain future of universities in Aotearoa New Zealand*. Massey University Vice-Chancellor Steve Maharey and Professor Jonathan Boston, School of Government, Victoria University, were also on the panel.

Dr Grey highlighted the statutory role of academics as society's 'critic and conscience'. This is explicitly enshrined in the Education Act 1989 as the "freedom of academic staff and students, within the law, to question and test received wisdom, to put forward new ideas and to state controversial or unpopular opinions."

But the political climate conducive to the exercise and expression of academic freedoms has been eroded over recent years as a result of a changing discourse on the value of university education, she told the audience.

She says the current government's view of universities' core purpose is "economic growth and labour market productivity", with increased emphasis within the academic career structure to focus on peer-reviewed

publication for recognition in the PBRF (Performance-Based Research Funding) system. Increasingly too, the state wanted only “good news” research to be publicised, she said.

Academics have right to comment beyond own research speciality

Academics were also being warned not to speak publicly outside of their specific and typically niche area of research. But according to the statutory terms, they are free to speak more broadly.

She said academics criticised by government and lobby groups for speaking out, such as high profile environmental commentator Massey University senior ecology lecturer Dr Mike Joy, needed more collegial support.

“We should *all* speak up,” she said, adding that academic freedom is “a privilege and a right, and must be exercised well”.

She cited a survey by AUT's Work Research Institute of 3000 TEU members last year that found 39 per cent thought academic freedom had got worse, and 42 per cent felt the opportunity to express academic freedom was worse.

Dr Deborah Russell, a lecturer in the Massey School of Business, said during the discussion part of the event, that increasingly heavy teaching and marking workloads meant academics keen to do media interviews often lacked the time.

More government control over universities

Mr Maharey commented on the changes to university governance introduced under the Education Amendment Bill this year, resulting in a shrinking of the size and diversity of university councils. Council membership has been reduced from 20 to a maximum of 12 and a minimum of eight, with no requirement for student and staff representation. The new model takes effect next year.

Mr Maharey noted that the number one-ranked tertiary institution in the world, Harvard University, has 53 people on its governing council.

Although universities are not owned by Government, a pervasive sense of increased government control was “in the water now”, he said.

He reinforced Dr Grey's exhortation for academics to be proactive in speaking out and offering alternative perspectives on topical issues, noting that the profile of Massey staff in the media had increased dramatically over the past 18 months.

Professor Richard Shaw, from Massey's politics programme, who facilitated a Q&A session following the speakers, said that public intellectuals had an important role to play in maintaining – and defending – New Zealand's tradition as an open, tolerant society.

“One of the things we know from the study of history is that dissenting voices are critical to healthy, vibrant democracies,” he says.

Date: 07/12/2015

Type: Features

Categories: College of Humanities & Social Sciences; Conference/Seminar; Feature; Government Policy commentators; School of Humanities; Uni News

20 Years of Māori Art Celebrated



Emma Febvre-Richards, Rachael Rakena, Associate Professor Ngataiharuru Taepa, PVC College of Creative Arts Claire Robinson, Professor Bob Jahnke

One of the country's biggest art events opened in Palmerston North on Friday night with more than 150 works on display. ToiohoXX celebrates the 20th anniversary of Massey University's Māori Visual Arts programme which gave birth to a Māori contemporary art movement. The Bachelor and subsequent Master's of Māori Visual Arts nurtured some of the country's finest modern artists and the ToiohoXX exhibitions bring together examples of work gathered from galleries and collections around the country.

A crowd of around 500 gathered for a pōwhiri to open the series of exhibitions, which run until April next year. Vice Chancellor Steve Maharey said the programme and its impressive body of work was the result of the enormous vision of the team who started it under the leadership of Sir Mason Durie. "What we're really seeing is the evolution of a culture over 20 years."



Ngahina Hohaia, Paopao ki tua rangi 2009

Professor Bob Jahnke said he felt enormous pride at the national contribution the programme has made. “Sir Mason Durie always said the journey is not about the programme or the staff, it is the students.” From the first graduate Dr Huhana Smith to the latest PhD awarded just last week to Terri Te Tau, the programme has produced an impressive array of artists.

Ngataiharuru Taepa attributes the success of the course to its initial tutors “Bob [Jahnke] taught us to think, Kura [Te Waru Rewiri] taught us to feel and Shane [Cotton] taught us the rigour required to produce art on a significant scale”.

Speaking at a day long ToiohoXX Symposium held on Saturday, artist Cliff Whiting was among a group of leading artists who spoke of the struggle Māori artists in the 1970's faced in trying to develop a contemporary Māori art form. “We wanted what you achieved here from the the 70's – we got here! But where do we go from here? We need to reintergrate our language with our arts.”



Reweti Arapere, Rangimatua 2015 (detail)

ToiohoXX is split over six galleries around Palmerston North, four of which are housed at Te Manawa. CEO Andy Lowe says Toioho Ki Āpiti has made a huge contribution. “Since 1997 Te Manawa has proudly shown the annual graduate exhibition Matatau featuring a selection of work by graduating students from Toioho ki Āpiti. ToiohoXX celebrates this long term relationship between Te Manawa and Massey, and the importance of the programme not only for our local communities, but for the landscape of contemporary art in Aotearoa New Zealand.”

ToiohoXX runs through until April 17th 2016.

Date: 07/12/2015

Type: Features

Categories: Maori

Eat fat to burn fat and push through



Will O'Connor (right) investigated the effects of eating a high carbohydrate or high fat diet on athlete performance.

Research from Massey University's School of Sport and Exercise Science has revealed changing what athletes eat can actually change the ability of their muscles to burn different fuels – findings that could help everyday people improve their body composition.

PhD student Will O'Connor investigated whether it was possible to “force adaptation” in a group of ultra-endurance athletes (those that participate in sporting events lasting four hours or more). This ability, termed metabolic flexibility, is the ideal for an athlete because, theoretically, their body is able to use different fuel sources for different exercise intensities. Generally speaking, this means using fat for longer duration, less intense exercise and conserving carbohydrate for shorter, high-intensity bouts.

In his own life as a competitive triathlete, Mr O'Connor had noticed that his mood, performance and body composition improved when he restricted his carbohydrate intake. Scientifically, there was evidence that the body compensated for the limited carbohydrate in the diet by burning more fats instead.

Participants in the study were restricted to 2g of carbohydrate per kilogram of body weight per day for four weeks, with an emphasis on eating fat instead. For example, a typical day would consist of coffee with cream, eggs with bacon, limited fruit, meat and a high volume of vegetables.

They were then tested in a four hour cycle test where their respiratory exchange ratio, the ratio of oxygen and carbon dioxide inhaled and exhaled during the test, was measured. This allowed Mr O'Connor to analyse what the body was using as an energy source.

He found when athletes had been eating a low carbohydrate, high fat, diet they were burning more fat during exercise.

For athletes, this meant they were more metabolically efficient, had a greater ability to carry oxygen to their muscles and were able to mentally push through an endurance event because of fuel availability.

“The body can only store so much carbohydrate in the liver or in the muscles. If the body's relying on carbs during exercise, these stores get used up quickly and that's when athletes hit the wall”

His research also pushed the boundaries of some of the previous assumptions in sports science. Previous estimates of an athlete's fat-burning ability peaked at 1g per minute but Mr O'Connor had measurements of up to 1.97g per minute.

Research has implications for everyday people

Although his interest was in competitive athletes, Mr O'Connor says his findings are useful for the average person as well.

“This research shows that changing your diet can totally change how your body runs. You can literally increase your fitness by changing your diet.

“We also noted drastic changes in body composition, or body fat percentage. When you're eating a high carbohydrate diet, particularly if you're eating a lot of sugar, your insulin levels can spike. Insulin causes the body to store fat and also stop it from burning fat while it deals to the sugar. This causes the 'energy crash' that people experience and means you're putting on more fat.”

The most surprising element of the research however, was high-trained athletes' ability to be efficient enough, regardless of which diet they were on.

“They were definitely better on a low-carb diet, getting to about 90% efficiency but what surprised me is that some were still getting to about 70% efficiency even on the normal-carb diet, which is still very good.

But these guys have done large amounts of endurance training which is what makes them able to endure. It really shows how amazing and adaptable the body is.”



Watch the *Stuff.co.nz* video above.

Date: 07/12/2015

Type: Research

Categories: Home Page article; College of Health; Explore - HEALTH; School of Sport, Exercise and Nutrition; Sport and recreation

Scientists turn unseen world into 3D models



From left, Dr Matthew Savoian, Dr Katherine Holt and Ben Pedersen with the pollen model they created.

By combining leading imaging and three-dimensional printing technologies, seeing, and even feeling, the normally unseeable is becoming a reality.

Thanks to the technology and expertise available at the Manawatū Microscopy and Imaging Centre and the Massey University School of Engineering and Advanced Technology, palynologist (pollen scientist) Dr Katherine Holt has created 3D models of microscopic pollen grains.

Dr Holt, who lectures in Massey University's Institute of Agriculture and Environment, came up with the idea after noting her students were having trouble identifying pollen under a more basic transmitted light microscope. She says under the microscope, complex three dimensional objects like pollen can only be observed in two dimensions.

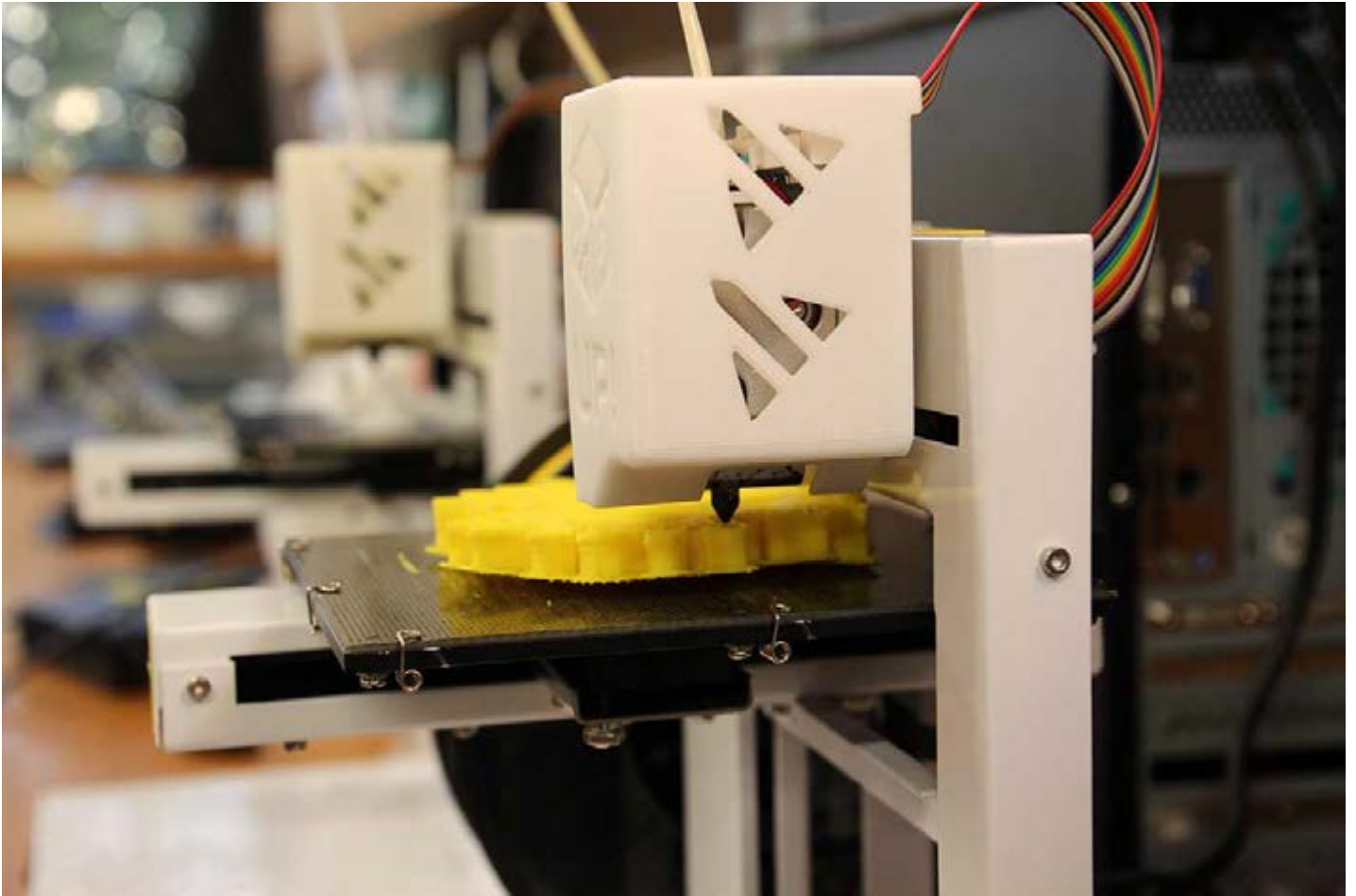
“I had seen people making 3D models of pollen that could then be viewed on a computer. I thought, why not take this one step further and print them out in 3D?”

What surprised me is that it's a really simple idea but no one had actually done it before.”

Dr Holt worked with the imaging centre to image four species of native tree pollen – Red Beech, Matai, Mountain Toa Toa and Rangiora (also known as 'bushman's friend') with a scanning confocal microscope to create a three-dimensional model. This was possible because of the microscope's ability to section the pollen granules optically and the inherent fluorescent properties of the pollen grains themselves.

Dr Matthew Savoian, who leads the centre, says the building blocks for such "technology fusions" exist, it is just a matter of using them.

“The wonderful thing about the centre is we can see what's feasible as well as the limitations of any particular technology.”



A pollen model being three-dimensionally printed.

Pollen gets super-sized

With the assistance of fourth year Bachelor of Engineering student Ben Pedersen, from the Massey University School of Engineering and Advanced Technology, the quality of the 3D data sets was further improved using a process known as deconvolution. By means of mathematics, the known behaviour of light within the microscope and the known size of the pollen, a specialised computer programme maximised the image resolution and removed any “fuzziness” in the computer model.

Mr Pedersen and Dr Holt then experimented with two different printing methods – a more low resolution molten polymer deposition method and a higher resolution selective laser sintering method.

The result was a selection of pollen models scaled to 2000 to 3000 times actual size, that allowed to students to see and feel the shape, proportion and texture of the species. Dr Holt says these methods are preferable to crafting the pollen by hand because you get a fairly accurate representation of the actual object.

“I used to use balloons or plasticine to demonstrate pollen morphology to students but there's something about knowing this is based on the actual thing that makes it amazing. It's a great way to expand our resources for teaching.

Anything on the microscopic scale can be blown up, while anything really large, like a mammoth skeleton, can be scaled down. Just imagine: every high school could have their own pollen models or even their own replica moa bones!”

Dr Savoian says part of the success of the project is the expertise available through the imaging centre.

The centre has three full-time staff members, each with a specialty in a particular imaging technology such as scanning or transmission electron microscopy and light microscopy. This means they are able to provide complementary tools and expertise for a variety of scientific fields including the life sciences, food technology and physical sciences.

“You might have carbon nanofibres one week and be looking at dairy products the next”

The service is free for Massey University staff and students.

Date: 07/12/2015

Type: Features

Categories: Home Page article; Applied Learning; College of Sciences

Māori theatre internship opens door to the arts



Lily Ng films cast members of The Landeaters as part of her internship with Te Rākau

A summer internship with Te Rākau, New Zealand's longest-running Māori Community Theatre and Education Company, is giving Bachelor of Communication student Lily Ng a fresh perspective on her future.

Majoring in public relations, Ms Ng had always envisaged a career working as a media advisor or communication specialist. However, only four weeks into her internship she already feels the experience has opened her mind to the range of opportunities available to her.

“My time at Te Rākau has fed my taste for expressive arts. It's shown me that the selection of job titles from a communication degree is in no way limited. It's definitely given me food for thought in terms of where I would like to go,” says Ms Ng, who studies at Massey's Wellington campus.

From producing programmes and attending rehearsals to marketing Te Rākau's latest production and developing an organisational identity for the company, Ms Ng says this opportunity has taken her studies to the next level.

“With any degree I think it's really important to graduate with practical experience. Working with Te Rākau is giving me tangible examples of work and projects that I can showcase in future interviews. I really feel that being able to show potential employers how I have used my skills to help an organisation achieve their goals will give me an added edge,” she says.

Te Rākau, which is led by New Zealand actor and theatre director Jim Moriarty, uses theatre to address universal and bi-cultural themes in a way that embraces both Māori and Pākehā culture. It is currently based on Massey's Wellington campus as part of the School of English and Media Studies' Summer Theatre Group in Residence programme.

Associate Professor Elspeth Tilley, an expressive arts lecturer in the school, says internships like this offer numerous benefits to the students and organisations involved.

“Lily's experiences are a great example of how Massey is working with the community to support the employability of our students, while simultaneously supporting the development of Māori theatre through provision of rehearsal and performance space,” she says.

Te Rākau's latest production, *The Landeaters*, was performed in a development season in the Theatre Laboratory at the Wellington campus earlier this week. *The Landeaters* was written by Helen Pearse-Otene as the creative component of her Massey University master's degree in psychology, and is based on extensive interviews with Vietnam veterans. Massey staff and students had the opportunity to see its first airing, alongside special guests including Mayor of Wellington Celia Wade-Brown and distinguished veterans.

The Landeaters will return in 2017 in polished form as the final instalment of Ms Pearse-Otene's four-play series about the intertwined histories of Māori and Pākehā in the Wellington region, which includes her play *Dog & Bone*, coming up at Te Papa in January 2016.

Tickets are now on sale for *Dog & Bone* [here](#).

Date: 07/12/2015

Type: Features

Categories: College of Humanities & Social Sciences; Creative Arts; Exhibition/Show; Feature; Maori; Student profiles

New staff members of University Council elected

Distinguished Professor Gaven Martin and Jacqui Hofmann have been elected as representatives of academic and professional staff, respectively, on the Massey University Council.

The results of the election by staff members were announced at Friday's meeting of the Council by the returning officer, Assistant Vice-Chancellor Operations, International and University Registrar Stuart Morriss.

Date: 07/12/2015

Type: Internal Communication

Categories: University Council



2015 Quote of the Year finalists announced



2015 finalists include quotes from All Black coach Steve Hansen, broadcaster John Campbell, high school student Jake Bailey and Bachelor Art Green.

To vote for the 2015 Quote of the year go to: <http://bit.ly/2015quote>

From John Campbell's heartfelt farewell on his last *Campbell Live* broadcast, to the words the Prime Minister apparently said just before yanking a waitress' ponytail, it has been another fertile year for the memorable quote.

The 10 shortlisted finalists in Massey University's annual Quote of the Year competition have been announced and will now be put to a public vote.

Competition organiser and judge Dr Heather Kavan says 2015's list is notable for not being dominated by politicians.

"Last year's list was dominated by insults, gaffes, and dirty politics," notes the Massey University speech writing specialist.

"This year there was a shift away from political rhetoric to some very human moments – John Campbell recalling wearing a suit borrowed from his Dad on his first day at work and high school student Jake Bailey speaking bravely in the wake of devastating news about his health.

Dr Kavan says incidents like a waitress' disquiet as the Prime Minister signals he's about to pull her ponytail, Joe Irvine reaching out to the public after being bullied on the X Factor, and Poppy Salter's embarrassment at passing wind on her televised first date are far different to those found on 2014's election-year list.

"Some of the quotes are funny, but there's also a lot of pathos here too," she says.



Former All Black Eric Rush's speech at Jonah Lomu's memorial service.

2015 was the year of rugby

Rugby was also foremost in many Kiwis' minds this year because of the Rugby World Cup and the recent death of rugby great Jonah Lomu.

“The Eric Rush quote was an eleventh hour entry as his tribute to Jonah took place the day nominations were closing. We also received several entries of quotes by Steve Hansen in the preceding weeks,” Dr Kavan says.

“One that almost made it onto the list was Hansen's response to the question of whether he'd been concerned at any point during the World Cup final – ‘I've always said worry is a wasted emotion’. Another was his comment about Springboks coach Heyneke Meyner – ‘He has been praising us all week. But I bet they are getting ready to rip our heads off’.”



Speech writing lecturer Dr Heather Kavan.

Expert says Queen's Counsel's quote is "masterful"

Dr Kavan believes, like last year, there will be several quotes that will remain “neck-and-neck up until the end”. She thinks the most likely contenders are “tantalising ponytail”, “tallest dwarf” and “just my arm”.

While unsure which way the public vote will eventually go, Dr Kavan says the quote she wished she'd said herself was the one by Queen's Counsel Philip Morgan during the Mark Lundy murder retrial.

“I think it's masterful. After interminable debates about fine points of evidence, these ten simple words created an unforgettable image that did more than just condemn Lundy, they reminded us of the victim. I was thinking, ‘These people once loved each other.’”

Dr Kavan started the New Zealand Quote of the Year five years ago because she found her speech-writing students had trouble identifying memorable New Zealand lines.

“The quotes I knew were too old for the students. Edmund Hilary's “We knocked the bastard off” was said in 1953. Muldoon's one-liner about Kiwis going to Australia “raising the IQ of both countries” and Lange's “I can smell the uranium on your breath” quip were both said in the 1980s.

“I thought there must be some good contemporary New Zealand quotes, but no-one is collecting them.”

The finalists for 2015 Quote of the year

“That's a very tantalising ponytail.” – Waitress Amanda Bailey's recollection of Prime Minister John Key's statement before pulling her ponytail.

“The French love the coq.” – ACT Leader David Seymour when answering a question about whether his silver fern pin would be replaced with a red peak flag.

“Just my arm.” – Steven Hansen when asked what else he had up his sleeve during the Rugby World Cup tournament.

"I started here aged 27 in a suit I borrowed from my Dad. I could never have dreamed what would happen in the next 24 years." – John Campbell speaking to viewers on the final Campbell Live show.

"We've been asked to vote for the tallest dwarf." – Marketing expert Mike Hutcheson discussing the chosen four flag designs on TVNZ's Breakfast show.

"Squeaky sand, eh!" – Bachelor Art Green after contestant Poppy Salter passes wind on their televised first date in what became known internationally as "the fart that stopped the nation".

"I survived the Kills!" – Tweet of X factor contestant Joe Irvine after being bullied by Natalia Kills and Willy Moon on live television. Kills and Moon were sacked from the show following a public outcry.

"No man should have his wife's brain on his shirt." – A point made repeatedly by Queen's Counsel Philip Morgan in the Mark Lundy murder case retrial.

"Here's the thing – none of us get out of life alive. So be gallant, be great, be gracious, and be grateful for the opportunities that you have." – Student Jake Bailey in a speech at his senior prize-giving ceremony a week after he was told if he did not get cancer treatment he would not be alive to give the speech.

"I used to make fun of him, I said no one could catch him because whenever the nostrils flared up he took all the oxygen." – Former All Black Eric Rush paying tribute to Jonah Lomu at his memorial.

Go to <http://bit.ly/2015quote> to vote.

Date: 07/12/2015

Type: University News

Categories: Home Page article; College of Business

Pasifika palliative care research awarded grant



Dr Sunia Foliaki.

Dr Sunia Foliaki from Massey's College of Health, has been awarded \$300,000 from the Health Research Council to look into the palliative health care of Pacific people in New Zealand.

The grant comes from the HRC Sir Thomas Davis Te Patu Kite Rangi Ariki health research fellowship, which will fund the study for two years.

Pacific meets West in Advancing Palliative Care for Pacific populations will assess the use of palliative care services among Pacific populations, and explore the perspectives, challenges and experiences of palliative care patients, their family and hospice service providers in Auckland and Wellington.

Dr Foliaki, who works at the University's Centre for Public Health Research, says while many New Zealanders receive excellent palliative care, it is clear the government, which has ordered a Ministry of Health review, isn't confident everyone is getting the level and quality of care needed.

"The Pacific population in New Zealand has disproportionately high morbidity and mortality rates from chronic conditions such as cancer, diabetes and respiratory illnesses. They in turn significantly affect quality of life with high health costs which can be improved and relieved through palliative care."

He says at no other time are cultural identity, practices, beliefs and values more important than when someone's health is threatened or they are approaching end of life.

"I am very grateful for this opportunity. This is a very important grant and an opportunity for further communication, education and understanding about the needs of the ill, terminally ill and their families through the cultural lens of Pacific groups. More importantly, palliative care complements therapies that aim to cure or control disease processes throughout an illness and not just at the end of life."

Centre for Public Health Research director Professor Jeroen Douwes says he is extremely pleased Dr Foliaki was awarded the fellowship. "Sunia is a very talented Pacific health researcher and a highly deserving recipient. His work will contribute to improved health in Pacific people in New Zealand. It is urgently needed given the significant health inequalities Pacific people face."

The issue was the subject of a one-day health forum in Wellington last month attended by fellow health researchers, the Pasifika community and diplomatic representatives.

"This is the second time a researcher from our Centre has won the prestigious award since it was established two years ago. This is extraordinary and allows us to expand on an already highly successful Pacific health research programme at the Centre", Professor Douwes says.

The findings from the study will help inform policies and develop evidence-based guidelines to improve palliative health care for Pacific people, other minority populations and the general population in New Zealand.

Date: 08/12/2015

Type: Research

Categories: Home Page article; College of Health; Explore - HEALTH; Funding; Pasifika; Research; School of Health Sciences

Massey supports Young Farmer of the Year



New Zealand's number one ranked university in agriculture has announced it will support the Farmer's Mutual Group (FMG) Young Farmer of the Year contest from next year.

Massey University is sponsoring the Agri-Growth Challenge for the contest's regional events and the Grand Final event.

Pro Vice-Chancellor College of Sciences Professor Ray Geor says the university understands, and wants to recognise, the importance of the primary industries in New Zealand. "We want to develop young people to be the best they can be in the sector. Massey has a long association with Young Farmers and is proud to host the largest club in the country."

"Farming today is about making smart decisions, using technology and ensuring the land is productive for future generations. The FMG Young Farmer of the Year contest encourages young women and men to be the very best they can be, to achieve and lead."

New Zealand Young Farmers chief executive Terry Copeland says the university's excellence in research and learning, and its reputation in agriculture, is what makes Massey a great sponsor.

"Massey staff and students have long been part of Young Farmers and several of our contest winners are Massey alumni. We welcome them to our family of sponsors and the input they bring to our competition," he says.

Date: 08/12/2015

Type: University News

Categories: Explore - Agriculture/Horticulture; Funding

First five-star rating in New Zealand for student halls



Pictured, from left: CLV commercial director Chris Neate, accommodation manager Kelly Manning, Vice-Chancellor Steve Maharey and CLV general manager Richard Lloyd.

Tourism New Zealand's Qualmark quality and environmental accreditation system has given a five-star rating to Massey University's Auckland campus student accommodation – the first and only student halls of residence to get such a rating.

The \$26.2 million Te Ohanga accommodation village opened in February this year at the Albany site, providing beds for up to 292 students. Massey plans to expand it to 1000.

Qualmark is New Zealand Tourism's official mark of quality, offering ratings on accommodation from luxury hotels, family motel units, backpackers and bed and breakfasts. The University scored top marks in areas including location convenience, cleanliness and resident support.

A ceremony was held today to mark the occasion, with the official Qualmark sticker put on the front door by Vice-Chancellor Steve Maharey and campus accommodation manager Kelly Manning.

Mr Maharey says the rating is a very important step towards Massey's vision of a living, breathing community on campus. "We want to ensure the University turns into a living community. We have near 300 people living on site at the moment, but in the future we would like maybe 1000 on campus, because that would create a real university community here, for people to live, work, eat and play together.

"This Qualmark five-star rating signals to people there is a quality of accommodation here which is really attractive, and the feedback has been tremendous. It has set a very high standard."

Ms Manning is delighted to have achieved the rating in the village's first year. "This represents a great achievement for all the team that have been involved, who have worked tirelessly to assist in the setup of the

village and providing the support to our students. It enhances the reputation of Massey and recognises of the great environment and support we provide for our students who live on campus. Some have said Te Ohanga is like a big family, which makes me really proud.”

Richard Lloyd, the general manager of Massey's accommodation partner, Campus Living Villages, says it is a wonderful achievement. “The Qualmark rating isn't just about the quality of the building, it's about the processes behind it. All round as an operation, it's fantastic.”

Date: 08/12/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; Vice-Chancellor

Seeking Chinese insight on sustainable fashion



College of Creative Arts senior staff, Tim Croft and Jennifer Whitty (second from left), discuss sustainable fashion strategies with staff from Xi'an Polytechnic University and Tsinghua University including Zang Yingchun, Director of the Office of International Cooperation and Exchange (and Associate Professor of Department of Textile and Fashion Design), far right, and Du Ying from the Office of International Cooperation and Exchange.

Fashion design senior lecturer Jennifer Whitty from Massey's College of Creative Arts is in China to see how the country is adopting environmentally friendly strategies for the fashion and textile industry.

Ms Whitty, from Massey's College of Creative Arts, is there with 12 design students visiting Xi'an Polytechnic University, one of China's most highly rated fashion universities, as well as China's top ranked Tsinghua University to see students' approach to sustainable fashion.

"As the factory of the world, as the world's largest producer, every change in China has ramifications for the world," Ms Whitty says.

"China wants to be sustainable as the country is at the coal face of confronting problems such as pollution; there is pressing urgency to adjust industry practices in China."

The group has also traveled to Qianyang, Fengxiang and Hu counties to examine Chinese handcrafts and art, and investigated the principles of slow design, [which promotes the slowing of the fashion design process for more environmentally sustainable results], in a Chinese context.

Second year Visual Communication Design student Maggie Meiklejohn said the programme provided all kinds of insights. "It's great being able to see Chinese students' perspectives in relation to things we are interested in, such as their approach to sustainable clothing."

Third-year honours student Tom Pringle who is majoring in industrial design was struck by the similarities in thinking with his Chinese counterparts, "The language barrier has been a challenge but this has opened the door for me to use creative problem solving to convey my ideas across. It really makes you understand the core of your idea or concept when you have to explain it to someone with limited English."

The programme, which continues in Shanghai this week at the Shanghai Institute of Visual Art, is partially funded by Education New Zealand's contestable Prime Minister's Scholarships for Asia fund.

International advisor at the College of Creative Arts, Tim, Croft, says the programme fulfills Massey's goals of internationalizing its student body, while raising the University's profile in China and introducing China to the New Zealand way of problem solving.

Date: 08/12/2015

Type: University News

Categories: College of Creative Arts; Creative Arts; International; Research - Design; Scholarships; Wellington

'Cabinets of curiosity' hold differing insect views



Liz Grant's sculpture Cabinet Two, Drawer One.

Combine a fascination with the natural world and a passion for art and culture and you get Liz Grant's (Ngāti Raukawa, Ngāti Huri) unique artworks created to reflect Māori and European perceptions of insects – or what she describes as “ento-art-iculture”.

The Massey University Māori Visual Arts PhD graduate (former zoology graduate) spent four years immersing herself in material published by missionaries and naturalists at the time of New Zealand's colonisation to understand different cultural approaches to insects.

Two clear narratives emerged. “The European approach has been to collect, catalogue and display insects in collectors drawers and then the Māori approach was to regard insects as part of their whakapapa, as a resource that helped them survive” Dr Grant says.

These narratives formed the basis for her “cabinets of curiosity” – distorted drawers made to look like wood but made of bronze, filled with over 140 insects.

She crafted her creatures by first making them out of wax. The wax was then coated in layers of ceramic slurry, then baked in an oven to melt out the wax, before the molten bronze was poured in. After setting, the sculptures needed to be cut, filed, ground and in some cases fixed to retain the intricate details of the insect's body – a process that all together took several weeks per insect.

The drawer design reflected the European narrative, while the way the insects were grouped in the drawers reflected their status to Māori – for example as pests, representations of the primary senses or their association with named gods or spirits.



The artist Liz Grant

She says the practice of creating artworks out of the natural world was an important component of Māori tradition. “Historically the mediums available were wood, stone and bone with an emphasis on human imagery and secondarily on reptiles and dogs” she says. “Bronze was not used by Māori until the twentieth century but has been used around the world for centuries.”

The idea for her thesis was a “natural progression”. Her grandfather, Ross Michie, was a well-known naturalist from Kaitaia. She caught insects in her large back yard as a child, before completing a Bachelor of Science in Zoology and working at Massey University as a technician. She made her transition from science to art as an illustrator for the ecology group and then pursuing a full-time career as an artist.

The artistic appeal of insects is clear for Dr Grant “They are amazing little articulated machines!” she says. “Their diversity, their form, their colour... They're amazing!”

Dr Grant's works were showcased at an exhibition at Te Manawa museum entitled “From Gondwanaland to Gonewonderland”.

She is now working on a book that is based on the information that she has gathered about each of the insects, their historical significance for Māori, together with entomological information, hand-drawn illustrations and photographs of her bronze insects.

Her works can also be viewed on her [website](#).

Date: 08/12/2015

Type: Research

Categories: Home Page article; College of Creative Arts; College of Sciences; Enviromental issues; Maori

Massey alumna appointed CEO of the International Council of Nurses



Newly appointed CEO of the International Council of Nurses, Dr Frances Hughes.

Massey alumna Dr Frances Hughes ONZM has been appointed the chief executive officer of the International Council of Nurses.

Dr Hughes was awarded the Massey University Distinguished Service Award in 2013. She has been the chief nurse and midwifery officer at Queensland's Department of Health since 2012. Prior to this she was chief advisor (nursing) to New Zealand's Ministry of Health, and a consultant at the World Health Organisation (WHO) and other NGOs, working in Australia, South Pacific, United Kingdom, Canada and Asia.

Originally from Wellington, Dr Hughes was made an Officer of the New Zealand Order of Merit for services to mental health in 2005. She has been instrumental in the professional development of mental health nursing in New Zealand and abroad, and has worked on a number of natural disasters, including the Boxing Day tsunami, Canterbury earthquakes and Hurricane Sandy.

Dr Hughes is excited about working for a nursing organisation at an international level. "Most of the time I have worked for governments and organisations within countries, but not purely in regards to taking nursing into a space and being able to legitimately talk about nursing and health care, so I think that's really exciting".

She will be making the move to Geneva with her husband, leaving a daughter in New Zealand and son in Australia. "I am really excited about living and working in another culture. I have worked in New Zealand and the Pacific, and now Australia, so the Southern Hemisphere is really key to me, so I am looking forward to being able to take that perspective to the Northern Hemisphere and European cultures.

“Often it is seen that big nursing activity is only happening in the Northern Hemisphere, but an awful lot is happening down here, and we have contributed a great deal to world health, through New Zealand in particular.”

Dr Hughes is also looking forward to learning a new culture and languages. “I don't speak French or Spanish, and those are the languages at ICN, so I am very excited about getting to mix with people, and reconnect with colleagues in a very different place, in a very different role.”

Head of the School of Nursing Professor Annette Huntington congratulated Dr Hughes on her new role. “This is a highly appropriate appointment of a nurse who has long held substantial leadership positions following her graduation from Massey University. It will be excellent for ICN to have greater connection to and relationships with New Zealand nurses.”

International Council of Nurses president Dr Judith Shamian says, “We are delighted Frances has accepted our offer to be ICN's next CEO and, together with the board, lead ICN, an organisation that has been serving nursing and health for over 100 years.”

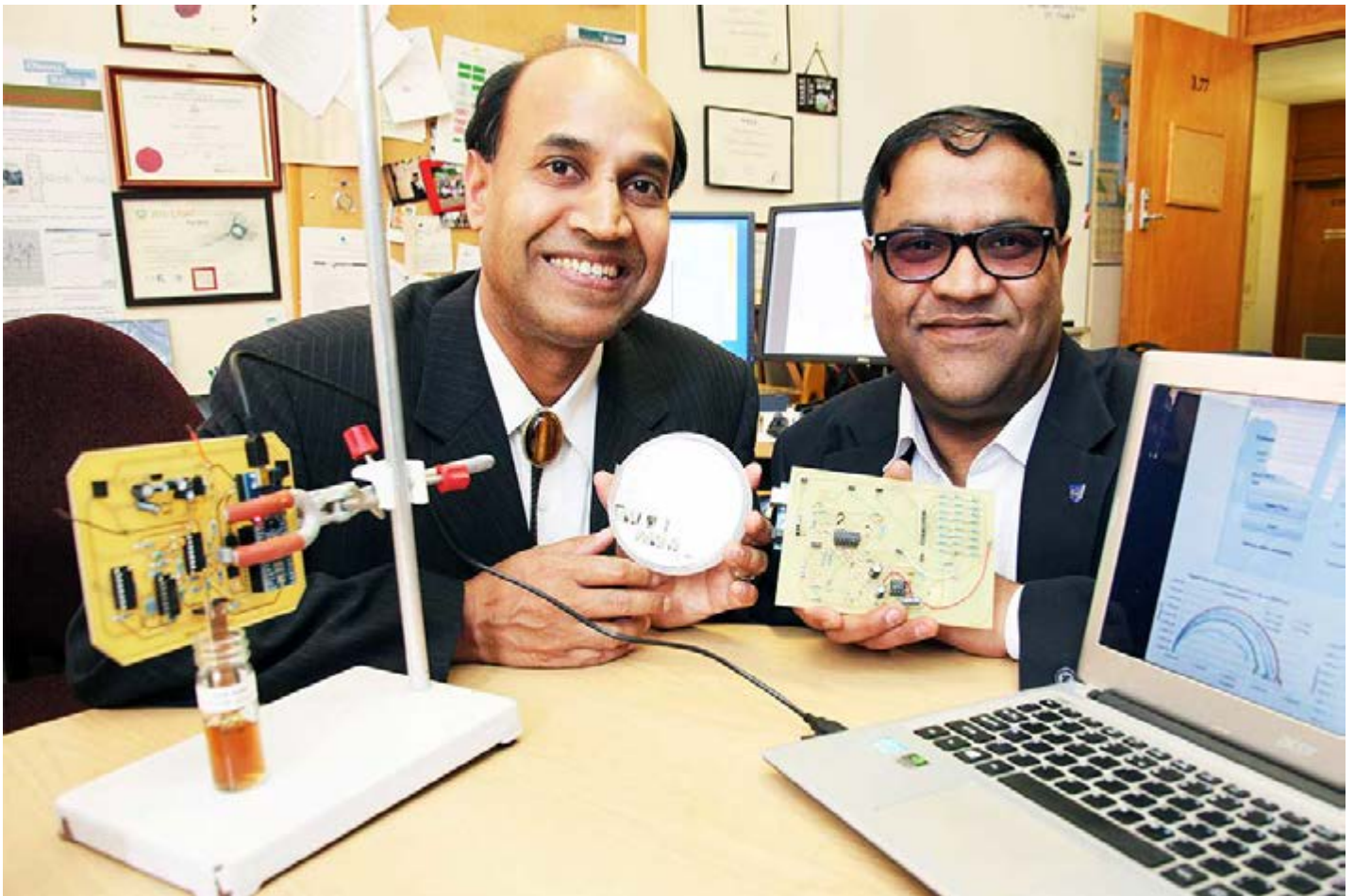
Dr Hughes will spend two weeks in New Zealand meeting with health officials in February, before starting her new role in Switzerland later that month.

Date: 09/12/2015

Type: Awards and Appointments

Categories: Alumni; College of Health; Explore - HEALTH

Sensor detects toxins leaching from plastic



Professor Subhas Mukhopadhyay, left, and Dr Asif Zia.

Engineers from Massey University have developed a highly sensitive device able to detect synthetic compounds that leach from plastic food packaging into the contained food or beverage. These kind of compounds are a major health concern worldwide as they have been linked to genetic, developmental and fertility defects in humans.

Dr Asif Zia, together with Professor Subhas Mukhopadhyay, both from the School Engineering and Advanced Technology developed an electrochemical sensing system that is able to rapidly quantify a synthetic compound – di(2-ethylhexyl)phthalate or DEHP for short.

DEHP is used to induce flexibility in the plastic products but, because of its molecular structure, it does not attach itself covalently to the plastic's lattice structure and may leach into the surrounding environment. It is classed as a teratogenic, or malformation causing, compound as well as an endocrine-disrupter, which interferes with the body's natural hormonal system. The World Health Organization refers concentrations of DEHP greater than six parts per billion as hazardous for human health.

Dr Zia's tiny 2.5 mm by 2.5 mm sensor is able to be swirled through a liquid and detect concentration levels as low as two parts per billion, using a test that takes less than 10 minutes. The sensor is coated with a molecular imprinted polymer – essentially a type of chemical Velcro which selectively catches only DEHP molecules in liquids. The molecules “stick” by forming weak hydrogen bonds with the coating. After the sensor is rinsed, they pass electromagnetic fields through it (spectroscopy) to deduce the concentration of DEHP present.

Dr Zia says the technology is groundbreaking because it is simple to use, sensitive enough to detect small amounts of the compound and robust as the coating owns a shelf life of years without degrading and can be regenerated and reused. Most of all, it is fast.

“Previous technology required taking a sample to the lab, where they would first have to separate the molecule in question and then test it via flame ionization detection, mass spectroscopy and high performance liquid chromatography. This could take up to a week. Using electrochemical impedance spectroscopy, the test procedures takes only a few minutes.”

They hope the sensor can be integrated into a tap in what is called a “smart home”. The home would be fitted throughout with sensing equipment and computational power, allowing the occupant to get information on their health and wellbeing on demand.



The DEHP sensor immersed in a sample of apple juice.

Plastic contamination is a global issue

Illegitimate addition of DEHP as clouding agent in beverages has been a controversial issue in Taiwan in 2011. The country faced huge economic loss, where it had to recall all the exported beverages for testing. The testing lasted months due to the unavailability of a reliable, rapid testing system as well as the enormous testing cost involved.

However, Dr Zia says the issue of contaminants leaching from plastic is global.

“Plastic is a way of life, it's hard to get around that. Every day we could be ingesting tiny amounts of these compounds which, over time, can build up in the body and cause problems.

Some countries, like the United States for example, have already banned DEHP's use in plastics but for others who have not, this device provides a simple and cost-effective way to make sure there aren't harmful levels of contamination in juices or other drinks”

The research group is now working on developing a biological version of the sensor that would detect collagen in blood samples. High collagen levels in the blood may indicate early signs of osteoporosis.

The project was done in collaboration with the Instrument Technology Research Center, Taiwan and the sensor was fabricated by the King Abdullah University of Science and Technology, Saudi Arabia.

The research has been published in the Biosensor and Bioelectronics Journal and a full research paper can be viewed [here](#).

Date: 09/12/2015

Type: Research

Categories: Home Page article; College of Sciences; Enviromental issues; Explore - Engineering; Innovation; International; Research

Report dishes the dirt on world soil health



A report by the Intergovernmental Technical Panel on Soils says 33 per cent of land is moderately to highly degraded.

Massey University has contributed to a report issued by the Intergovernmental Technical Panel on Soils, stating that the world's soils are at best only in fair condition and in some areas are very poor.

Associate Professor Marta Camps Arbestain, from the Institute of Agriculture and Environment, was the representative of the South West Pacific Region, along with Dr Neil McKenzie from the Commonwealth Scientific and Industrial Research Organisation (CSIRO) in Australia.

According to the report, 33 per cent of land is being moderately to highly degraded due to erosion, salinisation, pollution, compaction or acidification. The current rate of soil degradation threatens the capacity to meet the needs of future generations.

The report also offers evidence that the loss of soil resources and function can be avoided. Sustainable soil management, using scientific and local knowledge and evidence-based approaches and technologies, can increase nutritious food supply. It can also provide a valuable lever for climate regulation and safeguard for ecosystem services.

Associate Professor Camps Arbestain says in the South West Pacific Region, the situation is mixed.

“The threats to soil function combined with other pressures caused by increasing population and climate change are especially challenging in southwest Western Australia and on the atoll islands of the Pacific.

“The intensification of land use in New Zealand – and to a lesser extent Australia – provides an indication of the soil management challenges that will dominate in coming years as countries attempt to substantially increase food production within a resource-constrained world.

“Poor land management practices, and especially uncontrolled logging in the low-income countries of the region, are a significant challenge to national prosperity.”

The document highlights the example of soil monitoring in New Zealand and how this demonstrates the capability to track and respond to changes.

The Status of the World's Soil Resources report was released last Saturday and coincides with World's Soils Day and the International Year of Soils.

The full report can be viewed [here](#).

Other Massey advisers to the document included Associate Professor Chris Anderson, Dr James Hanly, Dr Nick Roskrige and Emeritus Professor Vince Neall. Scientists from other New Zealand organisations have also contributed to the document.

Date: 09/12/2015

Type: Research

Categories: Home Page article; College of Sciences; Explore - Agriculture/Horticulture; Research

Can the health of a pregnant woman's gut influence her baby's development?



Dr Caroline Thum.

This is just one of the questions PhD graduate Caroline Thum is attempting to answer through her research. The mother of one has found consumption of complex sugars from goat milk have a positive impact on the composition of gut bacteria in mice and is investigating whether the same is true for human babies.

She says the food we eat has a significant effect on the types of bacteria that make up our gut microbiota and on their metabolism. Eating certain types of food has been shown to be the most effective way to improve and maintain a healthy gut microbiota and gut function.

“The microbiota that colonise our gut as babies can have a significant impact on the development of our gut and our immune system and consequently on the incidence of food allergies, obesity and cardiovascular diseases later in life” she says. “The main source of these bacteria is our mother's own microbiota. Before and during birth, we are exposed to the bacteria in her vagina and faeces, which begins the process of colonisation of our gut.”

Dr Thum says that process continues, even after the baby is born. Breast-fed infants receive additional bacteria and complex, immune-system enriching, sugars called oligosaccharides, from their mother's milk. Therefore improving the mother's microbiota may also help prevent diseases in her child.

Dr Thum's research shows New Zealand goat milk contains oligosaccharides similar to those found in human milk.

She produced a goat milk oligosaccharide-enriched fraction to test their effects using a mouse model.

In the laboratory, the fraction was able to increase the number and function of specific *Bifidobacteria* strains in isolated samples of baby faeces. The enriched fraction was also fed to pregnant and lactating mice, with both the mother mouse and her offspring benefiting in terms of the composition and metabolism of the gut microbiota.

Dr Thum is continuing her work as a Postdoctoral Fellow at AgResearch., She is part of AgResearch's Food Nutrition and Health Team in Palmerston North

“My goal now is to understand the benefits of consuming these oligosaccharides on gut function and the consequences for brain development. This could enable us to help formula-fed infants get similar benefits to breast-fed infants by adding goat milk oligosaccharides to their diet. An extension of this work could be to investigate sheep milk oligosaccharides.”

Her work will support the development of premium products for consumers, adding value to a fast growing industry in New Zealand

Dr Thum's work was carried out at AgResearch and funded by the Riddet Institute national Centre of Research Excellence (CoRE). Part of this work has been done in collaboration with Professor Kikuji Itoh, a microbiologist from the University of Tokyo, Japan.

Date: 10/12/2015

Type: Graduation

Categories: Home Page article; College of Health; Explore - Food; Explore - HEALTH; Graduation; Graduation (Palmerston North); Research

Student helps flower show to bloom



Hannah Williamson receives her prize from the Orchid and Flower Show's Anton Wehman.

A Massey University marketing student has won \$500 for helping an Auckland flower show with its marketing and communications plan. The committee for the Orchid and Flower Show, which will hold its inaugural event in 2016, approached the Massey Business School for student assistance and lecturers developed a practical class assignment around the project.

The work of North Shore student Hannah Williamson was unanimously chosen by the committee as the best. Senior tutor Sarah Dodds says the client thought she “nailed the brief in terms of target audiences and her recommendations were creative yet realistic”.

“What made Hannah's campaign different is that she not only focused on orchids, but also on general garden plants and flowers, creating the much wider audience we are hoping for,” says Orchid and Flower Show secretary Anton Wehman.

“She provided well researched demographics and psychographics for each of the target audiences with a good range of integrated marketing and communication programmes.”

Ms Williamson, a former Kristin School student, says the real-world assignment was a great learning experience.

“We were fortunate to be provided with the opportunity to work with a real-life client with real constraints and requirements. The project was great for developing skills and ways of thinking that will be useful in my communications career.”

She says the key to her win was being creative to get the best value from the allocated budget. Her favourite idea was engaging local Auckland schools.

"I really like the idea of creating excitement, especially when marketing an event, and felt that the Orchid and Flower Show provided this opportunity for schools.

"This included ideas like teaching kids how to pot plants and running a floral-themed art competition. By creating this excitement with the kids, it would also encourage families to attend the event."

Ms Williamson says the experience helped her to develop the practical skills she will need for her future career and the Orchid and Flower Show committee have asked her to help implement their plan.

Date: 10/12/2015

Type: University News

Categories: College of Business

12 Days of Christmas Summer Survival Tips



Santa takes a relaxing break.

From safe sex to sleep deprivation, over eating or drinking and fighting over the Christmas ham, Massey University's experts have you covered on how to survive this Christmas and New Year period.

1 – EXERCISE

Warrick Wood - Assistant Lecturer in Sport Psychology – School of Sport and Exercise

Mr Wood says while the summer break is a wonderful time of year to spend time with loved ones and get away from work, it can also be stressful. “Continuing to exercise or engage in sport can help us maintain a positive mindset, enjoy greater energy levels, and actually be a fun way to relax with friends and family.”

Hot tip: Find fun ways to get your heart rate up - exercise shouldn't be boring! Play backyard cricket, get out in the garden, head down to the beach with the grandkids! If you do something you enjoy, you're much more likely to maintain that behaviour throughout the holiday period.

2 – ALCOHOL

Professor Sally Casswell - Professor of Public Health and Social Research, and Director, Social and Health Outcomes Research and Evaluation (SHORE)

Professor Casswell thinks it's about time Kiwis celebrated Christmas without a hangover. “Why do we live in a country where hangovers are so ordinary, even funny. Where radio hosts and companies use them in advertising? Hangovers are a sign that so much alcohol was drunk the neurotransmitters in the brain stopped working normally, the stomach lining was inflamed, blood pressure increased and the body's ability

to fight off infections was reduced for 24 hours. **Hot tip:** Don't drink without food and don't drink too much. It's the only way to keep hangovers at bay and really enjoy the next day.

And Christmas is a really good time to think about why we have a new law on 'social supply' of alcohol in New Zealand. "We now need to have express consent (not just implied) to supply alcohol to anyone who is not our own offspring, and supply needs to be done responsibly. Young New Zealanders get most of their alcohol from social supply rather than buying it themselves and much comes from slightly older friends who often provide large amounts. Research shows this can end up with the young drinker very drunk, arguing, fighting, injured and even dying in an alcohol-related event – not much of a Christmas present." **Hot tip:** Even if your older friends supplied you and you were lucky enough not to have problems, don't take the risk of paying it on.

3 – HYDRATION

Dr Toby Mündel - Senior Lecturer in Sport and Exercise Science

Dr Mündel says the festive season often requires a better awareness of your body's level of hydration due to a combination of the warmer summer weather, being more physically active and for some due to the dehydrating effects of celebrating with alcohol. The good news is monitoring hydration can be simple for most. Here are some tips:

- You should be peeing at least 3-4 times a day and it should be a pale straw or light yellow colour without strong odour – if less frequent, darker colour or too pungent then drink more fluids.
- Tell-tale signs of needing to drink more fluid are feeling thirsty, a mild headache and feeling fatigued. If you experience these symptoms, up your water intake.
- Although water is best, all fluids count as do water-rich foods – think salads, raw fruits and veggies.
- Whilst generally more is better, you can have too much fluid so if your pee is clear then stop drinking.

Hot tip: Drink a large glass of water after you wake, half an hour before each meal you eat, before you go to bed and any time you have alcohol. And remember that children, the elderly and those with conditions requiring medical supervision (e.g. pregnancy, heart problems etc.) are more susceptible to dehydration and so they (or care-givers) should pay special attention.

4 – NUTRITION

Dr Carol Wham - Senior Lecturer – School of Food and Nutrition

Dr Wham says it's important to eat mindfully this Christmas. "Mindfulness has become popular for a good reason. It describes an awareness that emerges through purposely paying attention in the present moment; non-judgmentally. Research indicates automatic eating is common for several reasons; because it's a break or a mealtime or simply seeing food or having it within arm's length can automatically increase food intake. Mindful awareness brings the eater's focus back to what one is eating and deautomatises eating. It also helps with weight regulation. **Hot tip:** Make sure you're sitting at a table before you eat.

Miriam Mullard - Dietitian – Nutrition and Dietetic Centre

Miriam Mullard says on average people gain 1 – 2.5kg over the silly season, so making healthy choices could help you avoid the desperate January diets. "Don't skip meals. Eating a healthy breakfast will see you safely through the morning. Try breakfast cereals, porridge, toast, rolls or bagels. Choosing wholegrain varieties rich in dietary fibre will keep you fuller for longer and mean you are less likely reach for mid-morning snacks. Adding a low fat yoghurt or milk to cereal provides calcium for healthy teeth and bones. **Hot tip:** Don't forget your 5+ A Day! Try adding a handful of seasonal fruit to your breakfast bowl or grill some tomatoes and mushrooms for a tasty addition to an omelette or toast.

And it's easy to overindulge at Christmas, so look out for the little extras. "If possible, keep treats out of sight, and make sure you have healthy options on hand to keep temptation at bay. Try a handful of unsalted nuts, dried fruit, plain popcorn, wholegrain crackers or pretzels. And at dinnertime, try to cover half of your plate with vegetables. As long as they are not slathered in butter or high fat dressings, they will be lower in calories, and contribute to your 5+ A Day. **Hot tip:** Be a selective eater. Only put foods on your plate if you really want to eat them. This is the time of year to enjoy your favourites, so skip the foods you eat every day.

5 – FOOD SAFETY

Professor Steve Flint - Professor of Food Safety and Microbiology and Team Leader Food Bioscience

Professor Flint says keeping cool this summer is more than staying out of the sun, swimming and making sure the beers are on ice. "Spare a thought around food preparation at this time of year, as the warmer temperatures encourage the growth of bacteria that can result in food poisoning. This is not always easy when camping, catering for large family gatherings and being away from home, but is really important to ensure you and your family don't get sick." **Hot tip:** Cook, Chill, Clean – cook thoroughly, chill food for storage and clean food preparation areas and equipment.

6 – SLEEP

Dr Lora Wu - Research Officer – Sleep/Wake Research Centre

Many of us make the most of summer by hitting the road and getting out of town, but Dr Lora Wu says it's important you get enough sleep before getting behind the wheel. "We tend to be poor at recognising our own impairment from sleep loss. If you can, share the driving, and if you're feeling sleepy pull over and have a coffee and a quick nap before getting to a more suitable place to get a full night's rest." **Hot Tip:** Don't travel through the night in a bid to avoid traffic. Driving when we are normally asleep is a bad idea. You'll be sleepy, slow to react, and more likely to be involved in a fatigue-related accident.

Dr Leigh Signal - Associate Professor – Sleep/Wake Research Centre

Dr Signal says it can be difficult to get children to sleep over summer, but even worse with the excitement of Santa arriving. "Children who go to bed about the same time each night and have the same pattern of activities before bed find it easier to go to sleep and get better sleep. Make bedrooms dark by using black out curtains or pinning up a sheet or blanket over thinner curtains. Try to keep bedrooms about 18 degrees by opening windows or using a fan." **Hot Tip:** Create a simple bedtime routine and stick to it. This might include getting your child to have a bath or shower, put on their pyjamas and then read a book or play a quiet game. Avoid active games, playing outside and using technology at least 30 minutes before bedtime.

7 – SAFE SEX

Dr Collette Bromhead - Senior Lecturer in Molecular Microbiology

Dr Bromhead says not surprisingly, that January to March is the peak time of year to be diagnosed with a Sexually Transmitted Infection (STI). "It's not unusual for people to have an accident during the festive season with contraception failure or unprotected sex. So make sure you have a good supply of contraception, and know where to get help if you need it. And watch your alcohol intake. Research has shown when we drink alcohol we are more likely to do something we regret later, and less likely to think about the risks of STIs". **Hot Tip:** Always have condoms with you. They are the only form of contraception that protects against both STIs and unwanted pregnancy.

8 – BUDGETING

Dr Jeffrey Stangl - Finance senior lecturer and Westpac Massey Financial Education and Research Centre researcher

Dr Stangl says holiday joy can quickly become next year's pain if you let your gift-spending run amuck. "Create and stick to a reasonable gift-giving budget, avoiding those impulse purchases. Setting budgets is of course easier said than done for most. Give your credit card a well-deserved break and park it until the New Year. As a replacement, preload a visa/debit card with a predetermined amount, to ensure a self-enforced spending budget." **Hot Tip:** Set a firm cut-off date for gift purchases. Most gift-giving blowouts occur in the two days before Christmas, when last minute impulse shopping takes place.

Dr Pushpa Wood - Westpac Massey Financial Education and Research Centre director

Dr Wood says good planning is key if you want a financially stress-free Christmas. Here are some tips:

- Make a list of people you need to buy presents for and work out how much money will be needed to cover it. Remember the important thing is the thought behind the presents not the amount that you have spent on it. Try and distinguish between what you 'want' to spend, and what you can 'afford' to spend.
- If you have young children, encourage them to make presents for family members. There is nothing more special than receiving a gift wrapped in thought, care and love.

- If you are an undisciplined spender, don't take your credit card when shopping. Withdraw the amount you have budgeted to spend, and shop with cash. Debit cards are other good tool to keep a watchful eye on you.

- Set a challenge among relatives and friends – everyone has to buy a present under \$20 or something similar. This will keep things simple and eliminate the competitive side of present giving.

Hot Tip: Once this Christmas is over, set up a Christmas fund where you put aside a set amount each week through automatic payment. Come next Christmas you will be ready financially.

9 – DEPRESSION

Jan Dickson - Senior Clinical Psychologist – School of Psychology

Jan Dickson says sharing memories and stories about friends or family who are no longer with us, is a way of making the lost loved one part of the Christmas celebration. “It can be painful confronting that first Christmas without them, which is why many people can dread the day, and become sad and withdrawn. They may even believe it would be disrespectful and show they have ‘forgotten’ their loved one, if they allow themselves to have fun. Anniversaries of any kind evoke all kinds of feelings for those who are grieving, and it's important to allow people time to deal with those emotions.” **Hot Tip:** Helping serve Christmas dinner for the homeless or those less fortunate can make Christmas seem meaningful for a person who might otherwise be alone, and at the same time provide them with company. And try to provide distractions for those who might be finding the day emotionally distressing. Go for a walk in a beautiful place, or settle in with some good movies.

10 – CONFLICT RESOLUTION

Ms Virginia Goldblatt - Director University Mediation Service

Ms Goldblatt says people often think leaving difficult colleagues or managers behind us for the Christmas break means they can breathe a sigh of relief, but beware – those at home may be just as troublesome. “We can't expect professional courtesy from our nearest and dearest. If they show up late or aren't grateful for the time and trouble taken with the gifts and decorations, use the negotiation and conflict resolution skills used in the workforce. “Prepare well but instead of putting all that preparation into the meal and buying presents, put it instead into relaxing, being tolerant, avoiding sensitive topics and thinking about the good qualities of your family and friends, instead of their deficiencies. It isn't the burnt turkey or the undercooked potatoes that ruin Christmas, but the harsh things we say to each other because we are stressed and overtired.” **Hot Tip:** The cheapest gift we can give anyone is taking the time to listen to them. So make it your seasonal resolution to listen first and listen well, and you may be more likely to find peace and love over the next few weeks.

11 – VITAMIN D

Dr Pamela von Hurst - Co-director of the Massey Vitamin D Research Centre

Dr von Hurst says summer is the time when we build up our vitamin D stores ready for the short, cold days of winter. “Most of us can make adequate amounts of this important compound just from the incidental sun exposure we get during the day. However, whilst it is important to protect our skin from the very strong New Zealand summer sun, people who are completely covered with clothing or sunscreen will make a lot less vitamin D and could possibly remain deficient. Similarly, people with dark skin have their very own built-in sunscreen and need more time in the sun compared to those with European skin tones. **Hot Tip:** No matter what colour your skin, there is never any justification to sun burn. The Ministry of Health recommends some outdoor activity during the early morning or late afternoon in summer as a way of keeping up both vitamin D levels and your exercise requirements.

12 – AVOIDING SUMMER INJURIES

Dr Sally Lark – Senior Lecturer, School of Sport and Exercise, and Research Director for Vascular Rehabilitation Clinic Services

According to ACC the accident rate peaks in the summer months - more than doubling in January. Dr Sally Lark says, “Would you believe there were over 2500 accidents at the beach, and 222 BBQ incidences for January alone in 2015. Take safety precautions like keeping a stocked first aid kit handy. Try not to exercise in the hottest part of the day (12-3pm) and keep well hydrated.” **Hot Tip:** Remember children's Christmas presents are for the children, so Dad you might want to stay off the skateboard! Older people do not have the balance and quick reactions required for these toys.

Date: 11/12/2015

Type: Features

Categories: Home Page article; Feature

Teens appear unaffected by violent video games



Sam Payne investigated the effects of violent video games on teens' aggression, mood and moral decision making. Image credit Mikal Marquez, Creative Commons Licence.

Violent video games may not be as damaging as people think. Research from Massey University has found no effect from playing violent video games on measures of aggression, mood or moral decision making.

Sam Payne, a masters student from the School of Psychology, tested young teens (aged 13 and 14) by having them play video games of varying levels of violence – no violence, one where hostile enemies were attacking the player and one where there were non-hostile opponents but the player was still instructed to kill them.

Mr Payne's research is novel because it distinguishes between these different types of violence, rather than merely focusing on violence in general.

Immediately after playing the game for between 10 and 20 minutes, participants were tested using a Positive and Negative Affect Scale to measure mood, answered a computer programme which posed a moral dilemma to the player and were tested on aggression through the willingness of the participant to give hot sauce to a person who they had been told did not tolerate it.

Perhaps surprisingly, there was no statistical difference in the teens' measures from before to immediately after playing any of the video games. He says this likely means the player is able to distinguish between in-game effects and their own real-world life and were not having powerful physiological reactions to the game environment.



Sam Payne

This may go against parents' instinctive views of their children playing video games. "Many parents would tell me anecdotes about how they 'knew' there was a connection from the behaviour they had observed in their children after playing a violent video game,

"Parents would often comment that their child would get really angry when told they had to stop playing their game but I wonder if a parent at whatever age they are now wouldn't have had the same reaction if someone came and told them they had to stop watching their favourite TV show half-way through."

He notes however, that as games become more and more immersive, the line between being able to distinguish the real world and the game may become more blurred and this type of research is fraught with difficulties.

One of the complications to this type of research, according to Mr Payne, is that it is difficult to define what "violent" really means.

"Some people might say Mario is violent because he jumps on enemies causing them to phase out (which is actually an example I've read!) whereas another might say Grand Theft Auto V is violent because you can indiscriminately murder people and then there's everything in between.

"Standardising or developing a measure of what 'video game violence' actually is would be very beneficial to this research."



Watch the Breakfast interview above.

Date: 11/12/2015

Type: Research

Categories: Home Page article; College of Humanities & Social Sciences; Research; School of Psychology

Naturally nice ice cream proves a winner



Palmerston North Intermediate Normal School student Emily Phillips enjoys her 'Naturally Nice' ice cream at the Massey University FoodPilot plant

A local intermediate student had the opportunity to use commercial equipment to produce her innovative ice cream creation at the Massey University FoodPilot plant today.

Palmerston North Intermediate Normal School pupil Emily Phillips, invented the ice cream as part of her science project for the Manawatū Science and Technology Fair in August.

Impressing the judges at the fair, twelve-year-old Emily took home several prizes for her sugar-free 'Naturally Nice' ice cream, including the Massey University Science Internship prize.

It was during the Internship Day at the Manawatū campus where Emily enquired whether Massey could help her to make her ice cream on a larger scale. With the help of laboratory technicians Janiene Gilliland and Warwick Johnson, and Professor Matt Golding from the Massey Institute of Food Science and Technology, Emily was able to bring her creation to life.

Using Emily's formulation, staff at the pilot plant developed a process to make 'Naturally Nice' on a semi-commercial scale. The two-day process involved homogenising and pasteurising the mixture, refrigerating it overnight to crystallise the fat then putting it into their commercial ice cream machine to add air and ice, turning it into ice cream.

Six kilograms of ice cream was produced, half of which will be gifted to family and friends. Emily says she loves inventing new foods and the best thing about food science is "getting to eat it all afterwards".

Professor in food colloids Dr Matt Golding says ice cream is one of the most challenging foods to make, so he was impressed with Emily's success making it at home.

"I love seeing kids getting inspired by food technology at such a young age. I'm always on the look out for future Massey food technologists."

The vanilla-flavoured ice cream was described by the self-described 'ice cream guru' as "quite fluffy with a lovely texture and a custardy taste".

The FoodPilot plant was opened in 2008 and is home to one of the largest collections of pilot-scale equipment in the southern hemisphere. Both students and industry use the plant regularly to test and manufacture new food products.

Professor Golding says Massey provides support to industry to get things started without risking huge amounts of money.

"Food is New Zealand's biggest industry and actually Kiwis are among the top ice cream consumers in the world, so we like to encourage science and creativity in this sector particularly."

Date: 11/12/2015

Type: Features

Categories: Home Page article; College of Health; Explore - Engineering; Explore - Food; Innovation; Palmerston North; School of Food and Nutrition

Massey launches new retail research centre and survey



The Big Issues in Retail Survey will be the most comprehensive review of the New Zealand retail sector for many years.

The Massey Business School has launched a new centre for retail research – and its first project will be a comprehensive survey of the New Zealand retail industry.

Associate Professor Jonathan Elms, who heads Massey's retail programme, says the centre is the next logical step for the university after the successful launch of the country's only retail-focused degree at the start of the year.

The new Centre for Advanced Retail Studies (CARS) brings together a broad range of Massey academics who currently research various aspects of the retail sector to encourage collaboration.

“We want to create a broader view of what retail is – it's not just retail management, it's consumer behaviour and culture, logistics, supply chain management, marketing... The centre is truly multi-disciplinary and quite focused on external engagement,” Dr Elms says.

“We are already collaborating with industry, retail trade associations and tertiary institutions overseas so we can really position Massey as one of the world leaders for retail sector research.”



Associate Professor Jonathan Elms, holder of the Sir Stephen Tindall Chair in Retail Management at Massey Business School.

What are the big issues in retail?

The centre's first major research project is the 'Big Issues in Retail Survey', and Dr Elms is keen for as many New Zealand retailers as possible to participate. Massey has partnered with Retail New Zealand and Monash University in Melbourne on the survey, which closes on January 15, 2016.

"This research project will really take the pulse of the New Zealand retail industry and will be the most comprehensive review of the sector undertaken for many years," Dr Elms says. "We want to understand the practicalities of operating in the current retail environment, including marketing spend and metrics, HR issues, supply chain collaboration and buying practices, changing consumer behaviour and service demands.

"We also want to identify future trends and challenges, including the impact of technology and the internet, sustainability and the impact of internationalisation on the sector. The findings will inform our future research projects and teaching programmes, as well as provide valuable insights to retailers."

Monash University, which has had a strong retail research programme for over 30 years, will assist with the analysis and also provide some comparisons with the data it has collected from Australian retailers.

The Big Issues in Retail Survey will be conducted annually, Dr Elms says, to allow for year-on-year comparisons and he also hopes Monash University will run the same survey in Australia from next year. He is seeking respondents from retail companies of all sizes and sectors.

The initial findings will be presented at Retail NZ's shop.kiwi forum in Auckland on February 16, 2016.

To complete the survey go to: <http://tinyurl.com/BigIssuesRetail>

Date: 11/12/2015

Type: Research

Social anthropology celebrates 40 years



At the conference (from left) Dr Sita Venkateswar with Professor Annemarie Mol, from the University of Amsterdam, and Dr Robyn Andrews

From the language of food, eating and pleasure to reality TV, how to banish plastic bags, life as a Bhutanese refugee, how farmers interact with cows, and even the meanings of hitchhiking – social anthropologists find that just about any aspect of human life holds the potential for fascinating research.

The programme for the Association of Social Anthropologists of Aotearoa/New Zealand (ASAANZ) conference, held recently at the Manawatū campus, captured the rich diversity and global reach of its members' research. It also celebrated the 40th anniversary of Social Anthropology at Massey, and of the association.

Conference coordinators Dr Sita Venkateswar and Dr Robyn Andrews say the event was marked by the high participation of postgraduate students from Massey and other New Zealand and Australian universities. The conference title, *40 Years On: Does Anthropology Really Need a Theme?*, hints at the abundant variety and miscellany of themes and issues explored in social anthropology today.

Topics presented by Massey's postgraduate participants on gender, religion and ethnicity, included the stories of Muslim women in New Zealand; the use of Facebook by Muslim women in Indonesia; the politics of resettlement among Palmerston North's Bhutanese community; and the use of indigenous American Indian mascots in American sport as a trigger for anti-racist debates.

Old and new anthropology concepts in relation to Māori scholarship; the renaissance of Māori musical instruments; neoliberal governance and the Waitangi Tribunal; and secrecy surrounding the Trans-Pacific Partnership Agreement (TPPA) were among ethnic and politically-oriented topics.

Animals feature on social anthro agenda too

Humans and their interactions with animals also featured. Cassandra McTavish discussed her research on “the complexities inherent in dairy cow/dairy farmer relationships.” She used storytelling to share the lives of dairy cows, and their lives with the dairy farmers who work and live with them. Another animal-focused topic was that of Australian researcher Claire Langsford, from the University of Adelaide, who traced the journey of two Darwin crocodiles from animal skins to online commodities.

A conference highlight was a presentation by Annemarie Mol, a visiting Dutch Professor of Anthropology of the Body, from the University of Amsterdam. Her talk, on linguistic and practical differences involved in the pleasures of eating, demonstrated that “nothing is universal, not even eating.”

Anthropologist Dr Graeme MacRae, the Auckland-campus based coordinator who came up with the theme for the conference and a senior lecturer in the School of People, Environment and Planning, discussed shifts in anthropological research away from being based in an actual village to study the realities of life, for example, to more conceptual and issue-based approaches.

The conference presented its inaugural awards for best student presentations. Master's graduate Jess Halley was awarded the first prize for her work on the Bhutanese refugee community of Palmerston North, and Sally Raudon, from the University of Auckland, was awarded the second prize for her work on Australian constitutional reform. Jess Bignell, a PhD student at Massey who is researching generational shifts within the Green Party, was awarded third prize.

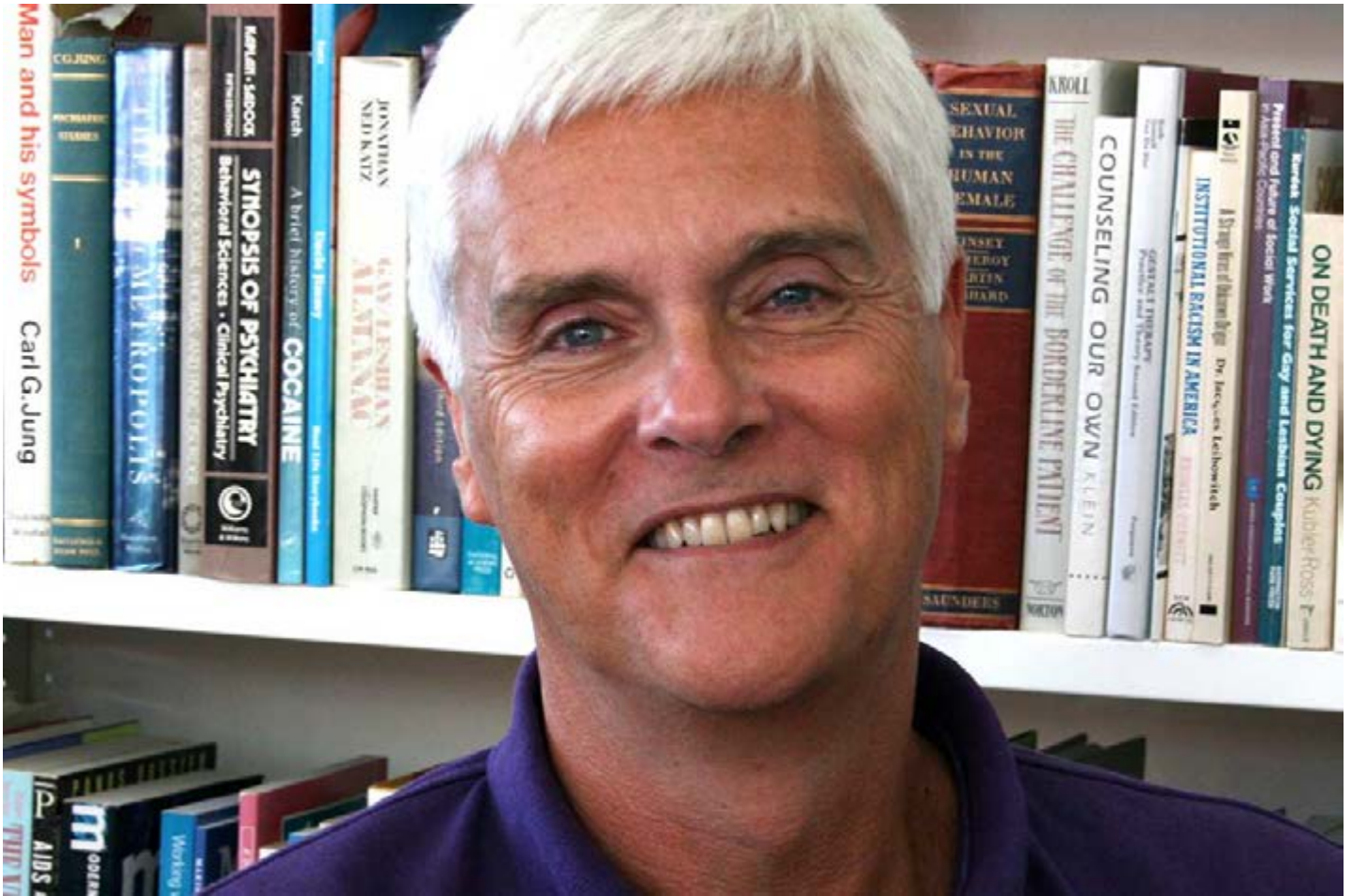
Dr Venkateswar says the conference and postgraduate student presentations “demonstrate the value of anthropological research to our understanding of other lives and cultures, at home and elsewhere in the world, at a time when questions of identity and society are of critical significance.”

Date: 14/12/2015

Type: University News

Categories: College of Humanities & Social Sciences; Conference/Seminar; Explore - Planning; International; Research; Uni News

Global spot for sexual and gender rights champion



Dr Mark Henrickson has been awarded the honour of delivering the Eileen Younghusband Memorial Lecture in Seoul, in June 2016.

An outspoken academic for the rights of sexual and gender minorities will be the first New Zealand social work scholar to deliver the prestigious Eileen Younghusband Memorial Lecture at the 2016 World Social Work Conference in Korea.

Associate Professor Mark Henrickson was selected for the award ahead of professors from the University of Mumbai, India; Brigham Young University, United States; and the University of Ljubljana, Slovenia. More than 50 per cent of the votes from the International Association of Schools of Social Work (IASSW) Board of Directors were in favour of Dr Henrickson.

He was surprised to be chosen to speak in Seoul next June. "I let my nomination go forward because, as far as I am aware, there's never been an openly gay person nominated or awarded the lecture, so it's a real opportunity for me to present some of the issues international social work is having to deal with in respect of sexual and gender minorities around the world.

"In New Zealand, we are pretty far advanced, but in Uganda they are arresting people. In Saudi they are killing people. In Iran they are doing involuntary gender transformation to 'fix' people. So there are some tremendously important issues in the international arena, and this is an opportunity to raise some of those key issues."

Dr Henrickson wants to use his chance to speak to challenge the language used around sexual and gender minorities. "The traditional 'binary' language of male/female, gay/straight, masculine/feminine is very old fashioned, and clearly outdated. Social work has got to learn how to address some of these issues in the 21st century."

Head of the School of Social Work, Associate Professor Kieran O'Donoghue, congratulated Dr Henrickson on his achievement. "This opportunity is true recognition of the esteem in which Mark's work is held internationally. It is also a great honour for Massey University and social work education in New Zealand."

The Eileen Younghusband Award Memorial Lecture is the most prestigious international lecture for social work educators. It was established to commemorate Eileen Younghusband, an IASSW President from 1961 to 1968 who died in a car accident while on a lecture tour in the United States.

Date: 14/12/2015

Type: Awards and Appointments

Categories: Home Page article; Auckland; Awards and appointments; College of Health; Conference/Seminar; Explore - HEALTH

Opinion: Nurturing nature pivotal to climate change response



While climate change talks took place in Paris last week, Beijing was on 'red alert' for its highest-recorded smog levels (photo/Wikipedia Commons)

The Paris climate change talks bring to the fore the connectedness of the world we now live in. Climate change is an upfront example of what happens when ecosystems cease to function the way they should.

The consequences for humanity are severe and can be linked to mass migration and social unrest. People depend on ecosystems – defined as where all living things, from plants and animals to organisms, share an environment. Overcoming the short-sighted consequences of a free market global economy, we need to invest in what ecological economists call 'natural capital' in the same way as we invest in other forms of capital, if we are to continue to receive the essential, life-giving dividends from ecosystems.

Investment in protecting and maintaining healthy ecosystems gives us 'ecosystem services' – the benefits that people derive from ecosystems, or from – quite simply – nature. Things like clean drinking water and air, pollination of crops, waste decomposition and nutrient cycles. Climate regulation is one 'ecosystem service' that a healthy, global, shared environment provides.

Awareness of the life-support services that ecosystems provide is increasing. In preparation for COP21, I have been part of the [Oceans and Climate Platform](#) and UNESCO's World Oceans Day. This group of scientists and diplomats is calling attention to the crucial role of oceans in climate regulation, reinforced by the fact that 72 per cent of the earth is covered by oceans.

Due to sea level rise, this percentage is growing within our life time. A [summary](#) of the first United Nations World Oceans Assessment was recently presented to the United Nations General Assembly. It concluded that "the world is running out of time to bring the overall human impacts on the ocean under sustainable management".

Ecosystem services thinking going mainstream

There are hopeful signs that ecosystem services thinking is entering the mainstream. Britain has completed a Natural Capital Assessment, and has used ecosystem services to organise its thinking. President Obama recently released a memo to “incorporate ecosystem services into federal decision making”. All US federal departments have to consider natural capital and take all ecosystem services into account in policy and decisions to guide them in developing more effective and efficient solutions.

New Zealand is certainly on the right track with Treasury's living standards, by systemically interlinking the core components of well-being which we derive from natural, social, human and built capital. The natural resource sector has been collaborating across the various ministries and departments to consider how to capture the value of nature and use an ecosystem services approach. The challenge seems to be how to overcome the politics and differentiation between value and price. Value isn't the same as price. For example, I value my children, but they are not for sale. Markets function based on price.

Yet an unwavering belief in the ability of neoliberal markets and financial systems to rescue the situation does not acknowledge it is part of the problem. We can't grow the economy out of climate change by subsidising the industries that contribute to the problem.

Pollution threat to environment and humans highlighted in China

Nowhere is the issue more frighteningly apparent than in China where, right now, 22.5 million people in Beijing are for the first time on “red alert” – the highest indicator for smog levels. The natural capital that provides them with the ecosystem service of breathable air is profoundly overburdened. It's been estimated that around 1.4 million Chinese people die prematurely every year due to pollution, much of it the result of manufacturing cheap goods we buy here. This will be further enabled by dysfunctional agreements such as the Trans-Pacific Partnership Agreement, under the banner of ‘free markets’. While New Zealand is far from experiencing such a catastrophe, we are on the same planet, part of the same global ecosystem.

We do, however, live in an exciting time, pregnant with opportunity to navigate the paradoxes caused by climate change and related challenges. Many of the pieces for better decision-making are already in place, if one cares to put the pieces together. A more coordinated approach to bring together what is already known – a synthesis, in other words – will accelerate progress in adopting more sustainable solutions.

Whether we live in Beijing, Beirut, Barcelona or the Bay of Plenty – we're all bound by a common need to look after the ecosystems that give us life. It's just good economics.

Associate Professor Marjan van den Belt is Director of Ecological Economics Research New Zealand, based in the College of Humanities and Social Sciences at Massey University's Manawātū campus.

Date: 14/12/2015

Type: Features

Categories: College of Humanities & Social Sciences; Environmental issues; Feature; International; Joint Centre for Disaster Research; Opinion Piece

Classics hit Auckland campus in 2016



Dr Gina Salapata

As Auckland becomes rapidly more cosmopolitan, studying ancient Greece and Rome has much to offer in terms of understanding ideas and issues of citizenship and cultural diversity, says Classical Studies senior lecturer Dr Gina Salapata.

The word 'cosmopolitan' is, after all, derived from the Greek word *kosmopolites* (or 'citizen of the world'), says the Manawatū-based academic, who is spearheading the introduction of two Classics papers at the Auckland campus in Albany for the first time next year.

As there is strong interest at secondary school level in Classical Studies, she is thrilled that the Auckland campus will be offering the first level-one papers as part of the Bachelor of Arts programme for those students who want to continue to pursue their interest at tertiary level.

Studying the 3000-year-old cultures of ancient Greeks and Romans in 21st century New Zealand is not as incongruous as it might sound, she says. Classical Studies is a multi-disciplinary field embracing history, politics, literature, language, art, philosophy, mythology, science, religion and more. Many of the ideas, teachings and institutions from ancient times – including drama and the Olympic games, atomic physics and the theorem of Pythagoras, law and democracy, even the concept of liberal education itself – underpin modern Western culture, and are also studied and embraced globally in the universities of non-Western nations.

“Just as New Zealand society is grappling with multiculturalism and meanings of citizenship, so too were the ancient Greeks and Romans”, says Dr Salapata, who is a Greek national.

“The Greeks and Romans had their own problems to do with politics, citizenship and governance – just as we do today,” she says. “And though aspects of their cultures – from gladiatorial contests and public executions to slavery – are unjust and cruel by today's standards, it is worthwhile learning about how other cultures approached challenges and changes in their own contexts.”

New discoveries spark contemporary interest in classics

Dr Salapata says Classical Studies is not fixed in the past as there are discoveries occurring constantly that shed new light on what we know. Recently, an un-looted tomb was discovered in Italy with artefacts from the pre-Roman Etruscan culture, and another tomb of a wealthy Mycenaean warrior containing a trove of precious artefacts was unearthed in Greece. Papyrus fragments containing never-before seen poems by the famous seventh-century BC Greek poet Sappho have also been recovered recently. Such discoveries provide opportunities for new interpretations and insights into the worlds of Ancient Greece and Rome.

Massey's Classical Studies undergraduate programme's 18 papers (with two new ones in the pipeline) have been specially developed around themes, and includes topics such as Love and Sexuality in Ancient Greece; the Pursuit of Happiness in the Classical World; the Trojan War; Greek and Roman Religion; and Greek and Roman Art and Society. Subjects such as slavery, war and homosexuality are also covered.

"You don't have to look far to find examples of how the classics are still relevant," she says. "For example, Radio New Zealand only this week interviewed Brooklyn-based theatre director, Bryan Doerries, who is the founder of the Theatre of War project. His company, Outside of the Wire, performs ancient Greek plays to returned soldiers, addicts, prison inmates and survivors of natural disasters. He believes that the great tragedies of the Greeks can help contemporary audiences deal with everything from the trauma of being in a conflict zone to end-of life care.

"And Hollywood has done wonders to popularise the ancient Greeks and Romans, not to mention our own *Xena: Warrior Princess*," she says.

The first two papers at Albany (Greek Mythology, in Semester One, and The Roman Republic: Kings, Consuls and Conquest, in Semester Two) will be delivered virtually via video conference link to the Manawatū campus, with two wall-size screens and interactive tools, and with a tutor based in Auckland.

More papers and the appointment of a fulltime lecturer at the Auckland campus are scheduled for 2017. Dr Salapata and her colleagues Dr Jonathan Tracy and Dr James Richardson will also be travelling to Auckland to deliver some of the lectures from there.

The introduction of Classical Studies at the Auckland campus next year coincides with the launch of Massey's refreshed BA (Bachelor of Arts). It introduces innovative new core papers focussed on local and global citizenship and identity. New philosophy papers and a major in Creative Writing are also available from 2016.

Date: 14/12/2015

Type: University News

Categories: Auckland; College of Humanities & Social Sciences; School of Humanities; Teaching; Uni News

International PhD admission enquiries

From next month, international doctoral admission enquiries are to be directed to the Graduate Research School within Research and Enterprise, rather than the International Office.

To enquire, please email doctoral.applications@massey.ac.nz or phone 86206 or 83853.

For more information about the change please contact Dr Julia Rayner on 83842.

Date: 15/12/2015

Type: Internal Communication

Categories: Any

A day at Massey for Orewa College students



Left to right: Orewa College students Cameron Pickering, Nathan Hartley, Billie Hart and Jenny Green from the School of Nursing.

Orewa College students recently took part in a Tertiary Explorer Day at Massey's Auckland campus, exploring the worlds of nursing, biological sciences, theatre and entrepreneurship.

Fifty year 10 students participated in the event to introduce them to a range of study options, and highlight the importance of choosing relevant subjects moving into their NCEA years.

Lecturer Jenny Green, from the School of Nursing in the College of Health, says part of the career workshop focused on the vital role nurses play in infection prevention. "We became CSI sleuths, paying attention to hand hygiene and how we can prevent bacteria from spreading," she said.

Mrs Green says having the opportunity to meet with students interested in studying a Bachelor of Nursing at that point in their education is crucial, so they can make informed decisions about subject choices. "The students were engaged and made great connections between the patient scenarios we presented them with and the clinical decisions that need to be made. It was impressive to watch. And nursing is in hot demand, not only in New Zealand but around the world. It's a brilliant career that makes a real difference to every day health."



From left to right: Luke Polson, Dylan Windybank, Megan Hoare and Billie Hart, taking part in the Biological Sciences microscopy workshop.

The Tertiary Explorer Day is part of a range of activities offered to secondary school students throughout the year by Massey's Student Recruitment team. Student recruitment advisor Rebekah Sulman says, "We want these students to imagine themselves here at the Auckland campus by becoming university students for the day."

Date: 15/12/2015

Type: University News

Categories: Auckland; College of Health; Explore - HEALTH

Performance of insurers scrutinised in Christchurch



Massey's Dr Michael Naylor wants to hear about the full spectrum of experiences when it comes to insurance claims post-earthquake in Canterbury.

Public participation will be vital to the effectiveness of New Zealand's biggest survey to examine the response of the EQC and insurers to Christchurch earthquake claims, says New Zealand's leading insurance academic. Dr Michael Naylor, senior lecturer in finance and insurance at the Massey Business School, has launched an extensive research project into the insurance industry's response to the Canterbury earthquakes.

The research includes comprehensive questions designed to ascertain claimants' experiences with all aspects of their EQC or insurer journey – good and bad.

“This will be the world's most thorough research ever conducted into the insurance industry's response to a major disaster,” Dr Naylor says. “The more people who participate in the survey, the more comprehensive and credible the results will be, and the more likely that the lessons learned will be turned into improved policies and service delivery by insurances in any future events of this scale.”

It is vital that the people of Christchurch have their say on what the insurance industry should do or not do during the next New Zealand disaster and what lessons can be learnt. Dr Naylor says it is especially important that people with good experiences of their insurer participate.

“Because of the emotion involved in the claim process, we think that the main risk to the credibility of our research will be a very high response rate from those who were unhappy with their insurer, and a low response rate from those who had a relatively neutral or even good experience. If we expect the insurance industry to take this research seriously we must get a balanced response, and that means hearing about the good as well as the bad.”



Dr Naylor discusses his survey on 3 News

All experiences provide learnings for the future

Dr Naylor says the researchers don't want to hear just about what went wrong, as important as that is, but also about what went right. "That way, as well as hearing about the stuff the industry did badly, insurers can hear about what some companies did right, so that behavior can be maintained and replicated across the sector."

The huge advantage of the research, Dr Naylor says, is its independence.

"Massey University is not aligned to the insurance industry and the industry is not paying to have the survey conducted. That means people can be sure that academic independence and thoroughness will be applied to the survey itself including analysis and reporting of results and conclusions. All responses are anonymous."

To ensure as many people as possible hear about the survey there will be an extensive promotional campaign.

This will include region-wide advertising, a comprehensive letterbox drop, a social media page on Facebook, and direct contact with community organisations and businesses that can encourage their members and/or customers' to participate.

A special focus will be reaching the elderly and low income families to give all socio-economic groups a chance to participate.

"This will be a widely read international report, which will influence insurer behaviour," Dr Naylor says.

"As well as an invaluable resource of lessons learned for the industry, we are creating an online and a recorded archive of quake insurance experiences, which will allow Christchurch residents to detail their insurance experiences. The research report will be publically available and archived for future generations. It will also influence future government and the insurance industry decision making."

The survey can be accessed at: www.quakesurvey.co.nz

Further information is available on the [survey Facebook page](#).

Date: 15/12/2015

Type: Research

Categories: Home Page article; College of Business

Environmental science students win best presentations



From left, Clare Houlbrooke from Golder Associates, Ahmed Elwan, Heather Martindale, senior lecturer in environmental hydrology and soil science Dr Ranvir Singh, president of the New Zealand Hydrological Society Joseph Thomas and Andrew Neverman.

Three Massey University students won prizes at the New Zealand Hydrological Society annual conference earlier this month. The achievement was made even more remarkable by the fact that only five prizes were awarded.

The recipients were Masters in Environment Management student Heather Martindale, PhD candidate in Soil and Earth Sciences, Ahmed Elwan and PhD candidate in Physical Geography Andrew Neverman, all from the Institute of Agriculture and Environment.

Miss Martindale won first prize, for best student oral presentation at the conference, for her talk on using the isotope radon to measure groundwater-river water interaction in New Zealand gravel-bed rivers.

Mr Elwan won third prize in the same category for his presentation on a novel method for how much nitrogen is in the river using estimates of how much nitrogen is diminished in various soils and rocks on the river bank.

Mr Neverman, who won best poster, outlined how unstable river bed sediment contributes to algae build up on the surface of the river.

The awards were sponsored by Golder Associates, a global organisation providing consulting, design, and construction services in specialist areas. The awards were presented by Clare Houlbrooke from Golder Associates and Joseph Thomas, president of the New Zealand Hydrological Society.

The New Zealand Hydrological Society aims to further the science of hydrology and its application to the understanding and management of New Zealand's water resources.

Date: 15/12/2015

Type: Awards and Appointments

Categories: College of Sciences; Environmental issues; Explore - Agriculture/Horticulture; National

Coverage of lobbyists questioned



The work of lobbyists who help influence the country's policy makers is the subject of research by Massey University's School of Journalism.

Lobby groups are being given an “easy ride” by the New Zealand media with few being identified specifically as lobbyists except by their organisation's name, says a Massey University media researcher.

School of Journalism tutor Fran Tyler says it is important for the public to know the identity of paid agents who are influencing the country's policy makers.

“Commonly called lobbyists, they are given preferential treatment by both legislators and journalists. Unlike many other Western countries, New Zealand does not require political lobbyists to register, even when given special access into Parliament buildings,” she says.

Some sections of the media have now dropped their normal style of identifying sources when lobby groups are the subject of coverage, she says.

Ms Tyler is presenting her findings at the Journalism Education Association of New Zealand conference hosted by Massey University tomorrow, and says up to 90 per cent of printed news stories about lobby groups don't identify them as such, or as advocates for particular organisations ranging from Federated Farmers, to ASH and Family First.



Media researcher Fran Tyler

“This has an important implication for democracy, as without this information the public may not be aware of the motives behind these groups.”

For three months Ms Tyler monitored New Zealand's largest news websites stuff.co.nz and nzherald.co.nz. In that time, only ten per cent of the 800 news stories on the two sites that referenced lobby groups used any kind of label to describe the groups' relationship to lobbying.

Federated Farmers were mentioned 273 times in that period, but they were only identified as a lobby group on three occasions. Various branches of business group the Chamber of Commerce were only described as a lobby group four times from more than 70 mentions on the respective websites, while Family First were only identified one out of ten times on the NZ Herald website and two out of six times on the Fairfax Media-run stuff.co.nz.

“The results reveal there is a failure on the part of the media in New Zealand to inform audiences about the nature of the news making groups they are giving coverage to,” Ms Tyler says.

“Without this clear description the public is left in the dark and not being given the information to make well-informed decisions.”

Date: 16/12/2015

Type: Research

Categories: Research; Wellington

Retail researcher warns of 'post-Christmas blues'



Associate Professor Jonathan Elms.

The American retail traditions of 'Black Friday' and 'Cyber Monday' might have killed this year's Boxing Day sales, says a Massey University retail expert. Associate Professor Jonathan Elms, who heads Massey University's retail programme, says many retailers are reporting Black Friday and Cyber Monday sales this year have outstripped what they normally do on Boxing Day.

Black Friday is the day following the Thanksgiving holiday in the United States and traditionally marks the start of the Christmas shopping season. Black Monday is the Monday after Thanksgiving and a day of sales for online shoppers.

"This shift to adopt American traditions has happened very quickly and I think retailers may be caught out this year," Dr Elms says. "If they haven't adjusted their buying and promotional schedules, it could cause some massive headaches, especially if consumers are already fatigued from starting their Christmas shopping earlier than usual."



Black Friday and Cyber Monday were big shopping days in New Zealand this year.

American shopping days are becoming 'hyped'

Dr Elms says American shopping events have become “hyped” because New Zealand consumers can now buy online from anywhere in the world.

“The timing of Black Friday and Cyber Monday is so perfect for buying Christmas presents because there is still time to get items shipped internationally and local retailers probably feel they have to compete,” he says.

“I think it's also due to the fact that more international retailers have a presence in New Zealand now and their corporate culture is having an impact on how they do business locally. Look at how much bigger Halloween gets every year.”

Dr Elms predicts Boxing Day will be slower in terms of sales this year and those consumers who can afford to wait might find even better deals after Christmas.

“Boxing Day is definitely going to be interesting because I think people are going to be shopped out. Many will have spent all they intend to in pre-Christmas sales. Shops could be left with a load of stock they can't shift because the pattern of trading has changed.

“If the momentum goes out of the market, we are going to experience post-Christmas blues.”

Date: 16/12/2015

Type: Features

Categories: Home Page article; College of Business; Explore - Retail

Understanding how Māori whānau bounce back from adversity



Dr Jordan Waiti.

The importance of cultural identity and having the appropriate resources and strategies to help Māori whānau cope with the challenges of life have been highlighted in research from Massey University PhD graduate Dr Jordan Waiti.

His thesis identified resilience strategies used by Māori whānau who had experienced adversity, such as a whānau member committing suicide, facing long-term illness, being sent to prison or being made redundant.

Dr Waiti, who is of Ngāti Pikiao, Te Rarawa, and Ngāti Haupoto descent, says that despite these challenges, each of the whānau in his study exhibited resilient traits enabling them to bounce back from adversity. “Due to the effects of colonisation and our subsequent socio-economic status, many Māori whānau experience a variety of life-shocks throughout their lifetime. However, the families I spoke to drew on a variety of skills and resources which enabled them to overcome adversity and flourish.”

His research findings show that whānau resilience can be represented by four platforms, each representing specific protective strategies and coping mechanisms that promote resilience:

- Whanaungatanga (networks and relationships)
- Pūkenga (skills and abilities)
- Tikanga (values and beliefs)
- Tuakiri-ā-iwi (a secure cultural identity).

Dr Waiti says these platforms represent a conceptual framework, “which whānau, hapū and iwi can add to their kete of knowledge to call upon when required.”

The importance of cultural identity

A key finding of his research was the critical importance of cultural identity. “Maintaining a secure cultural identity has been at the forefront of Māori aspirations since the signing of the Treaty of Waitangi. Earlier detrimental government policies that focused on assimilation highlighted the need for Māori to retain their cultural identity to help navigate successfully through life.

“In the current climate under a neoliberal government, it is fair to say whānau will continue to endure a variety of life shocks as a result of government policy – inadequate housing, food insecurity, unemployment and job losses, poverty and, subsequently, a decrease in health and well-being. Therefore the findings of this thesis could be applicable in the years to come.”

The 33-year-old, who recently graduated, says his motivation to study began while at high school at Hawkes Bay's Te Aute College. “We were frequently reminded of the past deeds of our old boys. People like Sir Apirana Ngata, Sir Peter Buck, Sir Maui Pomare and Dr Pita Sharples. My time at Te Aute College enhanced my pride in being Māori. It was here that I knew I wanted to contribute to Māori health and development in whatever way I could.

“This lead me to do an honours degree which focused on exercise psychology for Māori, and a master's degree focused on the psychology of physical activity for Māori. My motivation to do a PhD stemmed from these two studies and my time at the Eru Pomare Māori Health Research Centre in Wellington.”

Dr Waiti says the opportunity to join a project supervised by Sir Mason Durie and Associate Professor Te Kani Kingi was too good to pass up and he says the topic held personal appeal. “I could relate to it as my own whānau and friends had experienced a number of life-shocks themselves. I was also attracted to the idea that I would be doing it within the public health field, which operates at a population level.

“The health and educational gains that we, as young Māori, experience today is a result of the hard-fought battles and the advocacy of the many Māori who have paved the way for us.”

Date: 16/12/2015

Type: Graduation

Categories: Home Page article; College of Health; Explore - HEALTH; Graduation; Maori; School of Health Sciences

Loneliness rates higher in older people with visual impairments



Visually impaired elderly are generally more isolated and unhappier in life, than those with good vision.

Christmas can be a lonely time for many, and new research shows loneliness is much more prevalent, and more severe in older people who are visually impaired.

Massey University researchers from the government-funded *Health, Work and Retirement Longitudinal Study* have found that while 35 per cent of older New Zealanders reported feeling moderately or severely lonely, this figure increased to 53 per cent in those with visual impairments. Visually impaired older adults also had poorer health, wealth and mobility than those without visual impairment, making them one of our most at-risk groups for loneliness and social isolation.

Dr Andy Towers, a Massey researcher involved in the study, states that this is one of the few investigations of loneliness in visually impaired older adults and highlights important concerns. “While loneliness in older New Zealanders is at a similar level to that found in other countries, the important new finding is that visually impaired older adults are actually at significantly higher risk of loneliness.

“Visual impairment can severely increase social isolation because they reduce our ability to interact with family, friends, and the community on our own terms, meaning we rely more on others to initiate contact. Those in our study with visual impairment reported poorer independence than non-impaired older adults, so it's not surprising to find they also had poorer quality of life.” Dr Towers says



Dr Andy Towers.

Loneliness is not often addressed in vision rehabilitation programmes designed for older adults, yet these findings show rates of loneliness are high in this population, which is a concern.

Quality of life

Dr Towers reveals the amount of social contact was one of the most important predictors of quality of life in older adults with visual impairments. “Quality of life is enhanced by having a wide pool of social contacts beyond close friends and family. This helps us all feel connected with our wider community, and not feel so isolated and alone.”

These findings are particularly relevant in the lead up to Christmas, when many older adults with restricted mobility feel the burden of social isolation. “We should all be making an effort to reach out to those in our community who struggle at this time, particularly those older adults with impairments that restrict their ability to socialise. No-one should be alone, especially at Christmas.”

The exploration of loneliness in older New Zealanders is one of the many sub-projects that Massey University researchers are exploring in the award-winning *Health, Work and Retirement Longitudinal Study*. “This is one of the most comprehensive studies of older adults in the world. We’re working with colleagues from the US, Europe and the World Health Organisation to explore how well older New Zealanders age in comparison to their international counterparts. Establishing this longitudinal study is without a doubt one of the best investments the New Zealand government has made in understanding healthy ageing in all New Zealanders.”

The Relationship between Loneliness and Perceived Quality of Life among Older Persons with Visual Impairments was published in the Journal of Visual Impairment and Blindness. It was co-authored by Emeritus Professor Steven La Grow, Dr Andy Towers, Dr Polly Yeung, Professor Fiona Alpass and Professor Christine Stephens.

Date: 17/12/2015

Type: Features

Categories: Home Page article; College of Health; Explore - HEALTH; Government Policy commentators; Research; Research - Health and Wellbeing

Christchurch head boy wins Quote of the Year



Jake Bailey giving his prize-giving speech.

For the first time in four years the winner of Massey University's Quote of the Year is unrelated to world of politics. Christchurch Boys' High School head boy Jake Bailey received an unprecedented 77 per cent of the public vote to become 2015's clear winner.

The secondary school student, who is being treated for an aggressive cancer, attended his end-of-year prizegiving in a wheelchair to deliver a heartfelt speech.

The winning quote – *“Here's the thing – none of us get out of life alive. So be gallant, be great, be gracious, and be grateful for the opportunities that you have”* – came from that speech.

Dr Heather Kavan, a speech-writing specialist at Massey University's School of Communication, Journalism and Marketing, says the scale of Mr Bailey's win was completely unexpected.

“While there was always a strong chance Jake Bailey's quote would win, nobody predicted such a landslide,” she says. “Even in the first days of the competition, well before the Prime Minister was wearing a bracelet with Jake's quote on it, Jake had 73 per cent of the votes.”



YouTube video of Jake Bailey's prize-giving speech and the spontaneous haka that followed.

Viewers cried from beginning to end

Dr Kavan says, every now and then, a person comes along who inspires great feelings of affection in New Zealanders – and this was certainly the case with Mr Bailey.

“I've watched the speech several times, and it's clear from the footage that something special happened in the room when Jake Bailey spoke. Online comments show that several viewers cried from the beginning of the speech to the end.”

Dr Kavan says the “extraordinary circumstances” surrounding the speech were also key to the quote's win.

“First, there's the fact that Jake Bailey wrote the speech before he was told that if he didn't get medical treatment he wouldn't be alive to deliver it,” she says. “So the first part of the quote 'Here's the thing: none of us get out of life alive' has a whole new emotional meaning.

“Then there's the strength it took for Jake to give the speech. His face is pale and his voice is trembling with emotion, but he uses strong words: 'Be gallant, be great.' Later we learn that Jake was vomiting off-stage before he spoke and for hours afterwards.”



Dr Heather Kavan says social media played a large part in the quote's popularity.

2015 sees a record number of votes cast

Dr Kavan says Jake's speech embodied the qualities of love and strength, which are already a powerful blend, but then the speech reached a much wider audience through traditional and social media.

"Something unexpected happens – the students break into a spontaneous rousing haka and rendition of the school song. By chance, the speech and audience response were recorded, as the school had arranged a live-stream when staff thought Jake would be viewing the prize-giving from hospital. The footage goes viral, and even the Prime Minister is wearing Jake Bailey's quotation around his wrist.

"The quote becomes what I call a signature quote. The words embody Jake's message and the message is his life."

Dr Kavan says there is also an important element of beating the odds to Mr Bailey's quote.

"It's extremely hard to amaze people with an inspirational quote these days because social media are saturated with them. People get tired of constantly being told to better themselves," she says. "But Jake's story softens our resistance, and his words inspired in a way that would have been unimaginable at the time he wrote them."

A record number of votes were cast in this year's competition – a total of 7784 compared to 4198 in 2014.

The very distant second and third places were taken out by Steve Hansen's "*Just my arm*" (his answer when asked what else he had up his sleeve during the Rugby World Cup) and ACT leader David Seymour's "*The French love the coq*" (when asked whether his silver fern pin would be replaced with a red peak flag).

Date: 17/12/2015

Type: University News

Categories: Home Page article; College of Business; Quote of the Year; Quote of the Year Winner

Online news no death knell for newspapers



Former head of News UK, Mike Darcey

Online news is a massive challenge to print media, but it will not kill off the traditional newspaper, the former head of News UK Mike Darcey told a journalism conference in Wellington today.

The ex-Wellingtonian this morning spoke at the opening of the Journalism Education Association of New Zealand conference, being hosted by Massey University's School of Journalism.

"I am optimistic for the future of professional journalism, even printed newspapers, despite the challenge of the free web," he said.

Mr Darcey moved to England 25 years ago, where he held positions as strategy director and then chief operating officer at broadcasting and telecommunications giant BSkyB, before heading News UK from 2013 to 2015.

News UK publishes The Times, The Sunday Times and The Sun.

"Journalism plays an important role in a society, but the advent and proliferation of online news has disrupted the old business model that newspapers relied on for survival.

"This is proving to be a serious risk to the future of newspapers," Mr Darcey said.

"But the problem is more complex than readers getting their news for free online, advertising revenue has also been impacted."

He believes a paid-for edition model, in both print and digital form "looks the best bet to fund serious journalism going forward".

However, he said he believes this does not spell the end of the printed newspaper.

“I believe there will be an enduring demand for the bundle that we think of as a newspaper.

“I accept that demand is less than in the past, but there is a stable base and I think we will still be printing in 20 years' time.

“There has always been an emergence of new media alongside the old and history shows the result has been co-existence and not elimination,” Mr Darcey said.

Date: 17/12/2015

Type: University News

Categories: College of Business; Wellington

Lecture revives memories of a Queen



Reverend 'Epeli Taungapeau, Sitafooti 'Aho (Tongan Consul for NZ), Dr. Melenaite Taumoefolau, Senior Lecturer Auckland University, Councillor Arthur Anae, Dr Malakai Koloamatangi, Director Pasifika Massey University, Reverend Tevita Finau (Synod superintendent, Vahefonua Tonga O Aotearoa, Methodist church of NZ), Ben Taufua Senior Pasifika Advisor, Massey University

More than 50 years after her death Queen Salote Tupou III remains an inspirational figure whose legacy endures. The Tongan Queen was the subject of the third Queen Salote Tupou III Pacific Lecture at Massey University last week, a series dedicated to her memory.

Linguist Dr Melenaite Taumoefolau, a senior lecturer at Auckland University, entitled her lecture, "The Woman, the Leader and the Artist" and having translated 114 of the Queen's own compositions she was well placed to discuss the depth of Queen Salote's literary genius. Dr Taumoefolau says Queen Salote's poetry and compositions reflected her love of her people, her family and her husband. It's said the Queen wrote her first love song to her husband even before she married at the age of 17.

Queen Salote's literary talent was matched by her leadership skills. Dr Taumoefolau says she championed women's right to vote and to own land, and she worked tirelessly to improve the health and educational outcomes for her people. Increased healthcare saw the population grow by 30,000 between 1943 and 1966, and by the 1990's Tonga boasted the highest number of PhD's per head of population anywhere in the world.

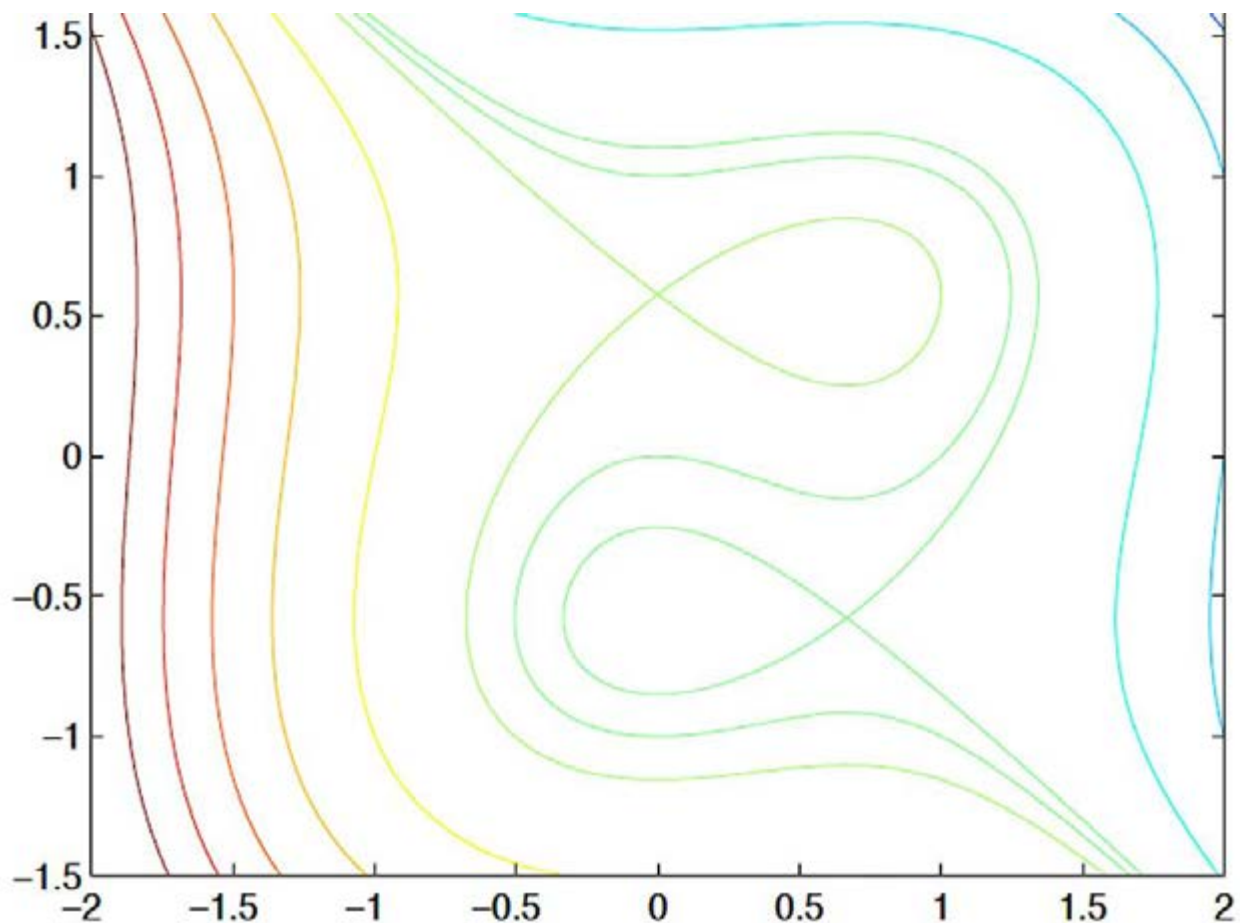
But it was anecdotes about the Queen's personality that had the enthusiastic audience spellbound. Dr Taumoefolau recounted how the Queen's interest in her subjects saw her go out at night incognito to get a taste of what was happening. "The girls at Queen Salote College talked about how they would be walking back from their night class and as they walked along the road they would meet this group of ladies. After the group passed they would stop, look back and see the Queen and her ladies."

Dr Taumoefolau says Queen Salote is her ultimate role model and her literary legacy provides a rich treasure of Tongan culture and language. As one audience member remarked, she should be seen as the Shakespeare of the Pacific.

Date: 17/12/2015

Type: Features

Weird mathematical method holds up to testing



Solutions of a non-linear differential equation.

Twenty-two years after it was first proposed, mathematicians from Massey University, New Zealand, the Norwegian University of Science and Technology, Norway and La Trobe University, Australia have demonstrated why an unconventional mathematical method –critical for computer programming – works so well.

Differential equations are powerful mathematical equations that show the relationship between physical quantities (functions) and their rates of change (derivatives). For example, they can be used to describe heat transfer in a pump, or predator-prey relationships over time.

The Kahan method (named after Dr William Kahan) describes a process for breaking up differential equations so they can be solved numerically – a process called discretising. The process is vital for building computer packages, as programmes need to be able to run through a problem step by step.

The method was originally developed to be used only with quadratic equations. But in a paper published today in the prestigious *Proceedings of the Royal Society A - Mathematical and Physical Sciences*, authors demonstrate that it can be used for a range of equations.



Professor Robert McLachlan

Professor of Applied Mathematics Robert McLachlan used an approach known as geometric integration, which preserves some of the geometric features of the original equation to more accurately predict outcomes, particularly long term.

He says the Kahan method has been accepted as being remarkably good for discretising a number of equations, but it was not known why – even by the inventor.

“Kahan noted he had used the method for 24 years without quite understanding why it works so well as it does. You can only understand it by putting it in a wider context. This is a situation we're faced with all the time in mathematics.”

The full paper can be read [here](#).

Date: 17/12/2015

Type: Research

Categories: Home Page article; College of Sciences; Research

2016 University Calendar now Available

The 2016 Massey University Calendar is now live on the Massey website at the following link [2016 Calendar](#). The Calendar outlines all the regulations that will apply to students enrolling in the academic year.

The web version is the primary version of the Calendar; however, a PDF copy with page numbers for referencing can be located on the site at [PDF version](#).

Help in using the Calendar and a link to earlier Calendars are also available from the 2016 Calendar page.

Universities New Zealand continues to affirm the University Calendar as the preeminent statement of the university's regulations and statutes. Staff are reminded that supplementary publications that include regulations should acknowledge that the Calendar is the only official statement of all regulations.

Date: 18/12/2015

Type: Internal Communication

Categories: Any

Memories of Tonga spark emotional response



From left to right: Sina Aiolutepotea-Aiono (Manukau Institute of Technology) and Learner Journeys panellists, Sara Peraua (Unitec), Ah Fook Lemoe (MIT), Dr Sione Vaka (Massey University) and Tapeni Fa'alogo (University of Auckland).

A moving talk at the Pacific Tertiary Education Forum has put School of Nursing lecturer Sione Vaka in hot demand.

The event was hosted by Ako Aotearoa in Auckland last month, in partnership with the Association of Pacific Staff in Tertiary Education and the Tertiary Education Commission. It aims to help highlight the ways organisations can better support Pacific learners.

Dr Sione Vaka was invited to speak in one of the plenary sessions - The Learner Journey. He shared stories about his own upbringing in Tonga, and how it led him to receiving a PhD and becoming a lecturer at Massey's College of Health.

Dr Vaka spoke about memories that stood out to him as child, and says many in the audience grew emotional about one particular story.

"Every summer I looked forward to spending it with my grandparents, on the other side of the island. There was no power there, so we used kerosene lamps. One day we ran out, so my grandfather asked me to walk to the store and get some more, but when I got there, they had none. In the heat, I walked to the next shop, but they had also sold out. Others on the same journey as me said there was none left so I gave up and walked home, glad I had tried my best to find some.

"But when I got home, my grandfather asked me 'Where is the kerosene? Why are you home empty-handed?' I explained I had tried a few shops, but no kerosene. He turned and looked at my grandmother and sister and said 'Tonight, we will be in the dark'. From that night on, every journey and opportunity I have, I know there is someone at home waiting, and it is important to return with something."

Following his touching speech, Dr Vaka was invited to speak at the CPIT Māori and Pacific Leaders Lunch with the top five Māori, and top five Pacific secondary school students from Canterbury.

The event was part of the CPIT Māori and Pacific Leadership Awards, featuring 96 high school students from across Canterbury nominated for outstanding achievement and positive community leadership in four different categories: Leadership, Culture and Performing Arts, Sporting Excellence, and Academic Excellence. And their reward? The top ten students were treated to an evening with Oprah in Auckland last week.

Date: 21/12/2015

Type: Features

Categories: Auckland; College of Health; Explore - HEALTH; Feature; Maori; Pasifika

Study helps give kids the best start to reduce obesity rates



Children taking part in the Jumping Beans programme.

A collaborative effort to reduce childhood obesity will continue next year, with Massey University and the University of Waikato promoting healthy eating and exercise patterns through a partnership with BestStart Education and Care centres.

Throughout a 10-week period, 155 preschoolers in two South Auckland centres participated in weekly exercise sessions - jumping, balancing, catching balls and performing forward rolls to improve fitness and fundamental movement patterns. This round of research finished last week and will resume in Hamilton next month.

Jumping Beans, a physical activity and skills programme for early childhood education, is a key collaborator.

Centre teachers have been up skilled, with the delivery of professional development in physical literacy and ways to provide better opportunities for children to be more physically active. Additionally, Massey University is providing nutrition training to staff to boost awareness of the positive effects of a healthy diet on preschoolers.



Dr Ajmol Ali from the School of Sport and Exercise

Dr Ajmol Ali from Massey University's School of Sport and Exercise says obesity rates in New Zealand children are increasing at an alarming rate. "With more children enrolled in Early Childhood Education centres, it's becoming extremely important they are provided with appropriate physical activity and nutrition practices.

"The impact of these good practices will not only affect physical activity levels and promote better nutrition but may also enable improved sleep and better management of children. Research suggests children with better motor skills may have improved academic and cognitive abilities and also enhanced physical activity levels as adolescents and adults."

So why aren't more Kiwi pre-schools doing it? Dr Ali says children's opportunities to stay active are being limited. "There is a lack of focus in initial teacher education on physical education and nutrition. Teachers' perceptions of risk and rigid playground regulations are creating 'cotton wool children'."



The most common barriers identified in a nationwide scoping report (Sport and Recreation New Zealand) were limited information, knowledge and skills of teachers, and their lack of confidence in providing a wide range of physical activity opportunities.

Breaking down the barriers

Massey University, the University of Waikato and BestStart are working with programme provider Jumping Beans to break down those issues, making it easier for teachers to get the balance back into the classroom.

BestStart's Chief Operations Officer Fiona Hughes believes the programme will benefit staff, the children and their parents. "Teachers will be more confident, it might improve staff morale, and lead to more settled and physically active children, happy parents and a market edge to forward-thinking ECE centres."

Mrs Hughes says there was an obvious need for urgent action. "At a new centre I was visiting, I noticed one child who was particularly tall for his age but also very overweight. I thought he had very little chance of getting control of his weight given his habits were formed at such a young age. This stayed with me and as I visited other centres I noticed more children who were overweight and in some cases obese. I was struck by the potential impact on society and began to think of a meaningful way in which we could approach the issue.

"The partnership with Massey and Waikato is very exciting, and has the potential to provide extremely valuable findings. The research will provide concrete evidence about the impact of this physical activity on preschoolers. We're also expecting fresh insights into the value of further professional development of staff around exercise. These findings will guide our programmes and curriculum."

The BestStart Study centres which received the 10-week programme this year are Tennessee Kiwicare, Mangere and ABC Hayman Park. The BestStart Control centres are Community Kindy Te Rapa and Community Kindy Greenwood – both in Hamilton. They will undergo the same programme in term 1, 2016. The results will be compared with the Auckland centres.

Once the research is completed, staff and the centre's children will also have a fitness programme delivered to them.

Watch the One News story on the study here: <https://www.tvnz.co.nz/one-news/new-zealand/leaping-into-a-healthier-lifestyle-preschoolers-trial-exercise-programme-tackling-childhood-obesity?autoplay=4668041232001>

Date: 21/12/2015

Type: Research

Categories: Home Page article; Academy of Sport; Auckland; College of Health; Explore - HEALTH;

Māori science academy ready to take off



Aerospace Engineer Mana Vautier

Massey University with Te Puni Kōkiri support is launching the first science academy of its kind in New Zealand next year with the help of Aerospace Engineer Mana Vautier. The Massey Science Academy – Pūhoro will foster Māori secondary school pupils from year 11 through to university and, ultimately, the work force.

The university will work alongside five Manawatū secondary schools, Manukura, Hato Pāora, Palmerston North Boys' High School, Awatapu College and Feilding High School to select 15 year 11 students per school with an interest in science. University academics will engage with teachers, students and their families to foster students along their journey to a science career.

Support will be in the form of selecting appropriate qualification standards at school, providing extra tutoring on a fortnightly basis, providing laboratory space for schools where this is not available, offering field trips and showing students the varied opportunities available to them.

Mr Vautier, who has previously worked with the National Aeronautics and Space Administration (NASA), is the ambassador and “Big Brother” for the campaign. Mr Vautier is excited to be part of the academy, which he says is “much needed.” “I especially like the ‘hands on’ aspect of field trips, lab work and career exposure. I have always enjoyed helping other people, and with my Māori heritage, I am excited to be a part of this academy. I am also looking forward to the opportunity to hopefully inspire and motivate others to bigger and better things by sharing my life experiences with them. I have always loved looking up at the night sky as long as I can remember, and just knew that I wanted to one day be involved in some way with the human exploration of space.”

Mr Vautier will be regularly checking in with the students and providing on-going support. He will officially launch the academy next year in Palmerston North with former NASA astronaut Colonel Rick Searfoss.

Massey University Assistant Vice-Chancellor Maori and Pasifika Dr Selwyn Katene says that the programme provides an opportunity to increase Māori student engagement in science. “There are so few Māori in science. We want to create an environment and a culture of wanting to achieve and not understating your significance. Pupils will be learning in a kaupapa Māori environment, with strong role models and community support”

Palmerston North Boys' High School science teacher Stacey Lambert says there is a large drop-off of Māori pupils in the sciences as they move from years 9 to 11, where it is a compulsory subject, to years 11 and 13, when it becomes an option. “Both tertiary providers and industry are screaming out for Māori science pupils and graduates” he says. “We are optimistic to work with the academy and believe it will bring to light the opportunities that are out there in the science world as well as provide academic support for those who want to be helped. We believe this initiative will help us to keep more Māori students engaged in the sciences.” He says for many students the belief that they can do it is just as important as the content of the curriculum. “Some of the challenges we face as educators is a lack of role models for students and a lack of understanding around what a career as a scientist involves. The academy is a great opportunity to support students in both these areas.”

Yvette McCausland-Durie from Manakura School says studying science nurtures more than just a love of the subject. “Science encompasses so many essential life skills like problem solving, logic and critical thinking. This makes the Academy a very attractive. Massey University has a strong science brand and, through this the academy, will provide students with exposure to the engaging world of science.”

The Pūhoro programme is funded by Massey University and Te Puni Kōkiri with support from the Palmerston North City Council, Te Tumu Paeroa and the New Zealand Qualifications Authority.

Date: 21/12/2015

Type: Features

Categories: Maori
