



Massey University

Massey News

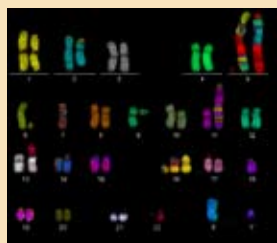
Auckland • Palmerston North • Wellington • Extramural

28 Haratua May 2007 Issue 6

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ki Pūrehuroa



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Massey ingenuity leads to Antarctic solution

When physicist Dr Robin Dykstra first visited Antarctica in 1997 portable nuclear magnetic resonance (NMR) technology was not available to assess the properties of sea ice – so he and three colleagues invented it.

That led to the development of a series of portable NMR machines capable of assessing the properties of many materials. Systems are now being sold around the world, with applications from construction to the oil industry.

NMR machines work by placing a sample into a magnetic field, causing the atoms in it to resonate at a particular frequency. By firing a radio wave into the atom, the wave that comes back can tell scientists a lot about the sample.

Both portable and laptop machines were developed by Dr Dykstra, and colleagues Professor Paul Callaghan of the MacDiarmid Institute for Advanced Materials & Nanotechnology, Dr Craig Eccles of Magritek Ltd and Mark Hunter of Victoria University.

Magritek Ltd, which commercialised the research, was

awarded the Emerging Gold Award for a company shining beyond its size at the Wellington Gold Business Awards on Wednesday night. The company was formed in 2004 as a joint venture between Massey and Victoria universities.

"People have been able to measure these things using NMR for a long time but have had to take the sample back to a fixed spectrometer," Dr Dykstra says. "Now what we can do is take it out to the situation."

Dr Dykstra returned to the Antarctic as part of the New Zealand Antarctic programme in October, where he and others were able to use one of his portable NMR machines to assess the structure of sea ice.

"When sea water freezes you get solid ice and little pockets of concentrated brine distributed within it – we wanted to look at how much liquid there is and how it is moving. That can tell us about the thermal properties of the sea ice."

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Editorial Contacts:

Publisher: Massey University
Communications and Marketing

Old Registry Building
Massey University Turitea Site
Private Bag 11 222
Palmerston North

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Editor:
Kereama Beal
email: editor@massey.ac.nz
Tel 06 350 5019

Director of Communications and Marketing:
Rachel Donald
email: r.j.donald@massey.ac.nz
Tel 06-350-5562 or 027-494-9077

Communications Manager:
James Gardiner
email: j.c.gardiner@massey.ac.nz
Tel 06-350-5255 or 021-275-3394

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Kiwi ingenuity leads to solution for the Antarctic

from page

NMR products have already made significant contributions to horticulture, biotechnology, chemical engineering, petroleum science, food technology and medicine. Current work is developing new equipment and methods in environmental monitoring and protection, medical technology, building technology, and security technology.

Massey University Director of Commercialisation Dr Gavin Clark says magritek Ltd is a great example of what can be achieved by effective collaboration and the pooling of resources within New Zealand.

"A critical mass of related technologies has been assembled which gives the company the rare ability to immediately generate revenues while also offering high-growth potential in global markets."



Dr Robin Dykstra.



Highbury graduates, from left: Reupena Tawhai, Teresa Ngaruhe, Mihikore Davis, Daniel Tawhai, Veronica Tawhai and Jonathon Howe.

Highbury graduations celebrated

Graduates from the Highbury community were acknowledged at a dinner on the Palmerston North campus last night.

This year's graduation marked the second batch of Highbury Scholars to receive their degrees, along with the graduation of three members of one whanau also from the Palmerston North suburb.

The scholarship was established four years ago to assist and encourage young people from the community into tertiary education and fulfill their academic potential and become positive role models and mentors for others to achieve similar goals.

The first to graduate under the programme, a partnership between the University, the Highbury Community Centre and the Tertiary Education Commission, was Lisa Kimura (Ngāti Raukawa)

last year with a Bachelor of Education in primary teaching.

This year's graduates are Mihikore Davis (Tainui, Ngāti Raukawa) with a Bachelor of Social Work, Jonathon Howe (Ngāti Maniapoto) with a Bachelor of Arts majoring in Media Studies and English, and Teresa Ngaruhe (Ngā Rauru) with a Bachelor of Arts in Māori and Psychology.

Joining them at the function were Veronica Tawhai and her brothers Reupena and Daniel (Ngāti Porou), also from the Highbury community, who graduated with a Masters of Education (First Class Honours), a Bachelor of Arts in Māori and History, and a Bachelor of Sports Studies (Education) respectively.

More graduation stories Page 7

Education gender gap needs research and action

College of Education Pro Vice-Chancellor Professor James Chapman is calling for research into why men are not entering the teaching profession and why the gap between male and female educational achievement in this country is now one of the world's largest.

At a College of Education graduation ceremony in Palmerston North last week, just 15 of the 158 graduates were men, Professor Chapman says the feminisation of education in New Zealand is likely to be a factor in deterring men from entering teaching, particularly early childhood and primary teaching.

In a presentation to the University Council this month, he said it was a significant challenge for the University – “a real problem, which will have a major impact on education downstream. It's a significant challenge for society, and one that must be met”.

High-profile cases of male teachers and childcare workers being accused – sometimes wrongly – of child abuse, may also be a deterrent, he says. Whether that is so and what to do about it are also subjects in need of urgent research.

“It would be very disappointing to find that this is the case,” he says. “It's crucial for children especially to have strong role models of both genders at school – particularly for those who may not have both at home.”

“Strong role models for both genders are important in terms of balance. Seeing strong male and female role models helps to develop healthy notions of femininity and masculinity.

“Boys and girls will relate differently to male and female role models.

“Both are important. If children come from homes in which there is an absence of a strong positive male – as many do – and if these same children are in schools where there are few males, it is difficult for children to develop a healthy sense of how males and females together collaborate in contributing to society.

“While many high quality graduates are women, in both education and other fields, it's important that we retain a balance.”

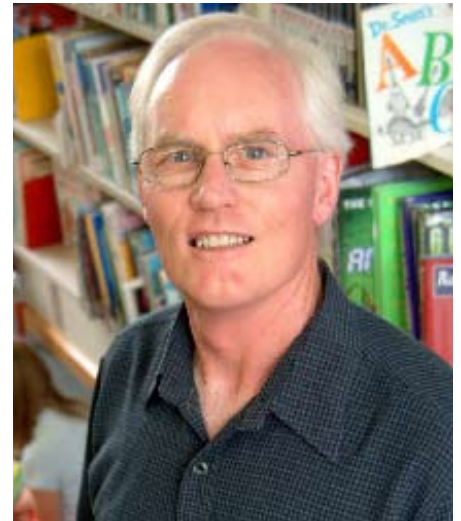
Professor Chapman says that speculation as to why the gap is so large, and how fast it continues to grow, demonstrates the need for action.

Women colleagues had told him the curriculum may have become so feminised that men no longer feel comfortable with it.

“It is an area where for too long, men have been allowed to fall behind. Education policies and teacher gender must be addressed to help close the gap between male and female educational achievements. This is crucial to creating long-term benefits for both boys and girls.”

International surveys of literacy and numeracy indicate that boys are performing less well than girls, Professor Chapman says.

“In the 2000 and 2003 international survey of literacy achievement for 15-year-olds, girls recorded a significantly higher average performance in reading in most countries



Professor James Chapman.

in both studies. In New Zealand girls scored significantly higher than boys, on average, in both 2000 and 2003, with differences of 46 and 28 points respectively.

“For year-five primary school children, girls scored 27 points higher, on average, than boys, and the difference for New Zealand was the fourth largest to be observed across the 35 participating countries.”

National surveys in New Zealand show that, on average, girls achieve at higher levels in reading than boys during primary schooling. There are mixed results for secondary levels. One study suggests the gap is closing; another shows it widening.

The Budget: No bonanza for small business

New Zealand's 40,000 small business enterprises were given a clear, overall message in Dr Michael Cullen's 2007 Budget, says Professor Claire Massey.

That message is: invest more, be more innovative and raise productivity. Professor Massey says it is well-known that these are particular issues for smaller businesses. “However the Budget itself was underwhelming in its response to this important sector and how it may achieve these goals.”

Professor Massey, who is director of the Centre for Small and Medium Enterprise Research, says small business was virtually ignored in the Budget – apart from a note that a discussion document on the impact of tax on small business is to be released.

“This is in sharp contrast to the recent Australian budget, which had specific measures for small business on a range of measures to build better business practices, reduce tax compliance costs and address skills shortages.”

Professor Massey has praise for wider measures announced by Dr Cullen:

“Lowering the tax rate is sensible – it is consistent with Australia and will be welcomed by the approximately 200,000 enterprises that are incorporated as companies in this country.

“Giving tax credits for research and development also sends an important message, and additional expenditure in the Market Development Assistance Scheme is consistent with strong concerns about the level of exported goods.

“However, the Budget contained nothing that communicates a message about the significance of small firms to building a vibrant economy.”



Dr David Tripe.

The director of the Centre for Banking Studies, Dr David Tripe, says the major impact of the Budget on the banking sector is through the reduction in the company tax rate.

“For the four major Australian-owned banks, this should be worth at least \$100 million a year in profit, although some portion of this is likely to find its way back to consumers through reduction in interest rates on loans and increases in interest rates on deposits.”

Dr Tripe says the banks may suffer another negative impact through employer Kiwisaver contributions. “But these would be difficult to quantify at this stage, as it will depend on matters such as the extent of current employee membership of superannuation schemes.”

New approach to family violence finds favour

The Waitakere District Court has been taking a more holistic approach to handling family violence cases and working in collaboration with community services for more than a decade.

Although many families have passed through this innovative system, it has not been evaluated until now. A group of researchers from the University's School of Psychology is now studying the successes and challenges facing the court from a variety of perspectives – and finding some positive outcomes from the more therapeutic jurisprudence at work.

In 1992 the court instituted a collaborative response to family violence that involved fast-tracking cases and giving speaking rights to victims' advocates.

With the support of a local network known as the Waitakere Anti-Violence Essential Services (Waves), the court had protocols based on therapeutic jurisprudence to deal with cases in consultation with Waves in a manner that addressed the needs of victims, families and offenders.

One benefit of the system has been that issues have been raised and addressed well before cases have become bogged down in process, reports Dr Mandy Morgan, lead researcher of the Massey team.

She says another important outcome of the approach taken by the court reflects the therapeutic rather than punitive approach. "They are coercing offenders into treatment so that families can be healed."

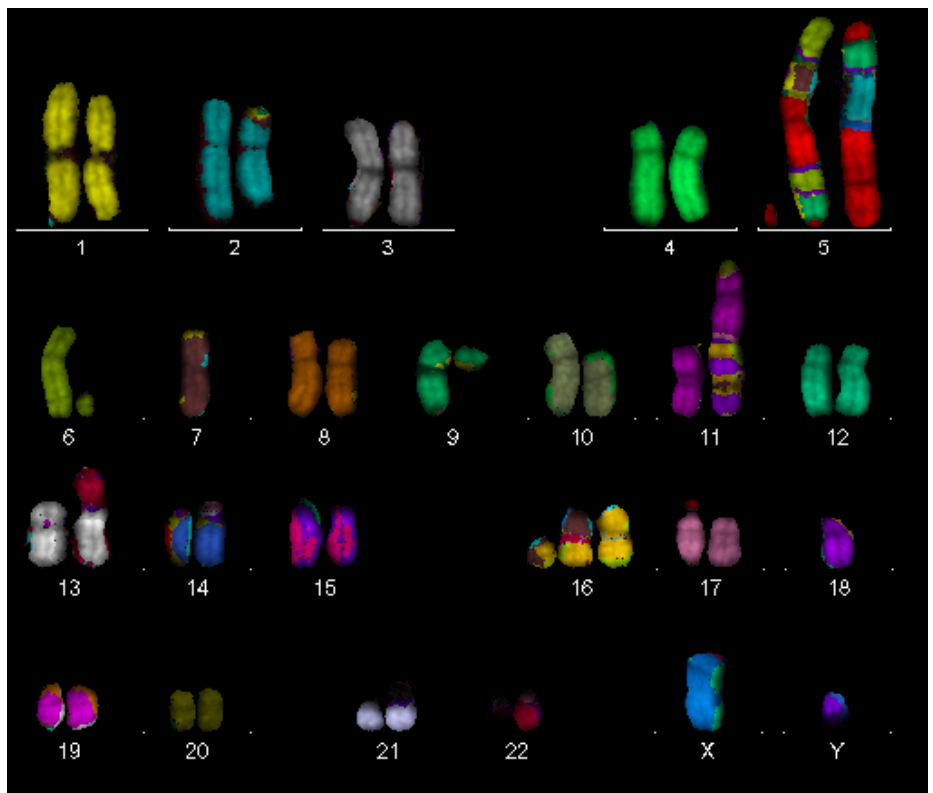
The researchers report that the protocols at Waitakere are successfully achieving goals in line with the Government family violence protection strategy.

"Community victim services have a voice within the courts so that victims' rights to protection are enhanced and the circumstances of their families are taken into account.

"The Court also has procedures to refer offenders to professional and community-based intervention agencies so that they have an opportunity to demonstrate their commitment to stopping violence in their families."

The Massey team will now study the experiences victims have had in the court process and how effective this system has been in keeping victims safe.

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DNA damage to nuclear test vets prompts call for child study

The Government is considering whether to fund studies into the health of nuclear test veterans' children, after a study confirmed that the veterans had suffered genetic damage as a result of radiation.

The New Zealand Nuclear Test Veterans' Association commissioned Dr Al Rowland, of the Institute of Molecular BioSciences, and his team to look at the cells of 50 veterans for damage.

Dr Rowland says the findings are unequivocal: In a matched control group of men of the same age, his team found an expected frequency of 10 chromosome translocations per 1000 cells, but in the veterans' group, the average number of translocations was considerably higher at 29 chromosome translocations per 1000 cells.

Workers who were close the Chernobyl nuclear accident or involved in the clean-up after the accident had about 20 translocations.

The lawyer acting for the veterans is to travel to London where a class action is being taken against the British Government on behalf of the British, Fijian and New Zealand veterans.

Association chairman Roy Sefton says more than 400 of the 551 sailors who took part in Operation Grapple have died. He was 17 when he was sent to the operation, a series of detonations totalling nine megatons.

"NZNTVA is now looking for financial support from government, or elsewhere, to have a study done on a group of the veterans' children to identify any genetic damage that may have resulted from their fathers' exposure

to service-related radiation."

It was the incoming Labour Government of 1999 that granted the veterans \$100,000 for the study, Mr Sefton says, with additional support of more than \$100,000 from agencies including The Lion Foundation, the New Zealand and Auckland cancer societies, and the Royal Society, which donated funding and laboratory equipment.

The seamen who took part in Operation Grapple were on the frigates HMNZS Pukaki and HMNZS Rotoiti, watching the tests from distances of between 52km and 278km.

The University team that produced the study included Mohammed Abdul Wahab and Elizabeth Nickless, of the Institute of Molecular BioSciences, and Associate Professor John Podd, of the University's School of Psychology, as well as Claude Parmentier and Radhia M'Kacher, of the Institut Gustave-Roussy in France.

The five-year project started with development of an extremely stringent procedure, with input from St Andrew's University in Scotland, which devised the set of assays (tests). Analysis was made of 50 veterans and a control group for possible confounding factors, together with analysis of the literature in related studies.

The final report, released on the eve of the 50th anniversary of the first nuclear test on Malden Island on 15 May, 1957, states that the cause of the elevated translocation frequencies observed in veterans is most likely attributable to radiation exposure.

Dr Rowland says that while he realises the subject is political, his interest is in the



Surgeon Frederik Pauwels farewells Brego on his discharge from the equine hospital.

Lord of the Rings star saved by surgery

Emergency surgery has saved Brego, who played Aragorn's steed in three Lord of the Rings movies.

The 22-year-old Dutch warmblood stallion formed such a bond with Viggo Mortensen who played Aragorn, that Mr Mortensen purchased him after filming ended. He is cared for by vet Ray Lenaghan and his wife Jane at their property on the Kapiti coast.

Mr Lenaghan says that Brego had been unwell for only a few hours but after an examination he knew he was in trouble with very bad colic. The decision was quickly to bring him to the University's Equine Clinic and Hospital.

"I told Jane when I examined him that we would have to either take him to Massey or dig a hole... Jane drove him up and I followed in case anything happened en route."

Brego was handed over to the care of senior lecturer in equine surgery Frederik Pauwels, who had him in surgery within 40 minutes.

"It was very clear from the moment he arrived he was in a critical state," Mr Pauwels said. "We anaesthetised him, made a mid-line incision into his belly and explored. We found a large amount of small intestine stuck in a tear in his gut – part of his bowel was stuck."

Treatment included removing almost two metres of small intestine and then joining the ends back together.

"Because of the severity of the case we expected there to be problems with him

afterwards, but he did really well."

If the surgery hadn't taken place, Brego would certainly have suffered a "pretty nasty death", Mr Pauwels says. Signs of colic include stomach pain, with some horses suffering intensely. Most colic is caused by physical derangement, including a bowel becoming twisted or stuck.

Brego stayed at the vet hospital for about a week before being released last Friday (18 May). Mr Lenaghan says he's now "brilliant".

"He is in his box, eating and drinking and hasn't put a foot wrong."

Mr Lenaghan was allowed to observe the surgery due to his veterinary training – he practises as an equine vet. "I was thinking during the op this is taking a long time," he says. "Frederik and the staff did an amazing job."

Brego will be kept stabled for about another month, Mr Lenaghan says, to allow the wound to heal. Then he will join other Lord of the Rings cast members colleagues on the Lenaghans' property.

After working as a stunt-riding double on the Peter Jackson directed trilogy, including playing Elfen Princess Arwen, Mrs Lenaghan was delighted to end up owning her primary mount, Florian, Arwen's silver stallion. The couple also cares for Gandalf's cart pony Clydee, and several black rider horses.

Brego was known as Uraeus, a former top-level dressage horse and sire of successful

sporting horses. His talent was spotted while he was in semi-retirement, and then owner and trainer the late Lockie Richards agreed to lease him to the Lord of the Rings production.

The Lenaghans had received an email from Viggo Mortensen, who said he is very grateful everyone acted so quickly to help save the horse. Mr Mortensen said he was looking forward to seeing Brego again later this year, after he completed a project in Hungary.



Lord of the Rings star Viggo Mortensen formed a bond with his horse, Brego during shooting of the films.

Online support for diabetes sufferers

The thousands of New Zealanders with diabetes may soon be able to join an online community to seek information and support from others with the condition.

Online communities dedicated to people with a wide range of conditions are springing up all over the world. Now researchers based in the Institute of Information and Mathematical Sciences are exploring the need for a virtual community of diabetes sufferers and the elements that would make it successful.

"We want to find out if it would be beneficial to the diabetic community to have an interactive website or not," says Dr Rosemary Stockdale.

"If there was a virtual space for people with diabetes to come and interact, we want to find out what these people would need from such an online community. To answer the questions that arise in relation to developing a site, we will also be looking at the elements of other sites for people with chronic diseases and what makes them successful, vibrant communities.

"Often people who have been diagnosed with diabetes do not want to tell their friends or workmates. But they do need information and support in learning to manage their condition. Because chronic diseases are the ones that call for the longest term resources, it would seem that a dedicated site could offer many benefits, including saving costs," says Dr Stockdale.



Renima Malhotra and Dr Rosemary Stockdale.

She says working out who should be involved in setting up and running such a website is also part of the study.

The initial research to identify a framework for developing the website is being conducted by Renima Malhotra, who is doing a postgraduate diploma in Business Administration majoring in information systems.

The project supervisor, Dr Stockdale, recently established mobile computing group at the Auckland campus. The group is exploring applications for the new generation of mobile phones, including data access.

She says that in the very near future people will access their online communities direct from their mobile phones once it becomes less expensive to do.

Artist explores gorse possibilities

The artistic possibilities of gorse are explored in a new collection by Wellington artist Regan Gentry.

Mr Gentry, who works as a technician at the School of Fine Arts, spent a year producing a collection of objects made from gorse, including mounted antlers, a trug, saw horses and bathroom accessories.

Of Gorse of Course will show at TheNewDowse in Lower Hutt from 2 June to 23 September, before touring to Wanganui.

While based in Invercargill for four months as the William Hodges artist in residence, Mr Gentry investigated the uses of gorse while depicting the story of its introduction and vigorous acclimatisation to New Zealand.

Melding age-old craft practices – from soap making and wine making to marquetry – and contemporary fine art practice, Mr Gentry has produced a sly critique of some of our forbearers' poorer judgements.

Mounted antlers are made entirely from gorse wood in a work named *Oh Dear*. This is surprising for people who are used to seeing this plant as the scraggly and rambling growth with brightly coloured flowers across our hillsides.

Introduced from England in the 19th century as an ornamental plant, in the warmer climate of New Zealand gorse has become a noxious and ubiquitous weed. Mr Gentry attempts to explore and extend the potential uses of gorse by making, along with other sculptures, paper, soap, perfume and wine from the plant.

The entire collection has been bought by the Phil Price and Connells Bay Sculpture Trust Project for a five-figure sum.

Mr Gentry's work has been included in group exhibitions *Breathing Space*, The Physics Room, Christchurch, 2005; *Islanded*:



Oh Dear.



I choose to use gorse.

Contemporary Art from New Zealand, Singapore and Taiwan, Adam Art Gallery, Wellington, 2006; *Super Natural*, The Physics Room, Christchurch, 2006; and *Secret Life of Plants*, City Gallery, Wellington, 2007.

Curiosity pays off for journalism graduate in media awards

A journalism graduate has won the student print journalist prize at this year's Qantas Media Awards.

Jenny Macintyre collected her award at a gala dinner in Wellington on 18 May.

The prize included \$500 from the Journalists Training Organisation, the industry body that oversees the training of journalists in the country.

"Journalists are curious, and I think I won because my curiosity found me stories," Ms Macintyre says.

She submitted a portfolio of four stories written while a student at Massey, including one on the effects of Agent Orange on New Zealand Vietnam War veterans and another on Māori concerns over an exhibit at a local museum.

"I'm particularly proud that all four of my stories were picked up by other news media," she says.

A student in 2006, Ms Macintyre paid tribute to Alan Samson, the lecturer she worked most closely with during her time at the University.

"What I learnt from him is that for a story to be good you must rewrite, rewrite, rewrite!"

As a mature student, she says taking a year out of her life to study was a big decision, but one she is glad she made.

Her determination to do well on the course meant she soldiered on even after breaking her wrist just before the second semester started.

She now works as a reporter at the *Sunday Star-Times* in Auckland.

Other recent graduates also did well at the Qantas Awards. Yvonne Tahana (2003) won the Māori issues newspaper feature writer category and Kimberley Rothwell (2004) was a finalist in the junior newspaper feature writer category.



Wellington celebrates new graduates

The first graduates of the New Zealand School of Music will join Massey graduates at the Michael Fowler Centre on Tuesday 29 May.

Since January 2005 Massey University and Victoria University have been operating the joint New Zealand School of Music (NZSM), a centre of musical excellence.

Students, families and friends will attend the two ceremonies at the Michael Fowler Centre, beginning with the New Zealand School of Music, College of Creative Arts, the College of Education, the College of Sciences, and the Centre for University Preparation and English Language Studies at 9.30am.

In keeping with tradition, the 600 newly-capped graduates will process with staff from Parliament to Civic Square at 1pm, where Deputy Mayor Alick Shaw will greet them.

Graduates of the College of Business, and the College of Humanities and Social Sciences will be awarded their qualifications at the second ceremony, at 2:30pm. Speakers at this year's ceremonies are Director of Art and Visual Culture at Te Papa Jonathan Mane-Wheoki, and former Commissioner for the Environment Dr Morgan Williams.

An event to honour Māori graduates will take place on 28 May at 2.30pm at Te Kuratini Marae on campus.

Former refugee graduates with a Social Work degree

Somalia-born Mohamud Mohamed has overcome a lack of schooling and English language to complete a Bachelor of Social Work at the Wellington campus.

The Port Nicholson Rotary Club acknowledged his achievements last month with a Rotary Goal Setter Award.

Deputy Vice-Chancellor Professor Andrea McIlroy says the Awards recognise young Wellingtonians who have shown outstanding achievement and leadership.

"Mr Mohamed has overcome significant barriers to accomplish his goals."

After being forced to leave school at the age of 10, Mr Mohamed spent nine years in Kenya before resettling in New Zealand in 1999.

One of the coordinators of the Social Work degree, Dr Carole Adamson, says that Mohamud's achievement exemplifies his positive attitude to life.

"We congratulate him and admire his determination, humility and willingness to explore cross-cultural and professional issues. We are really proud of his success."

Mr Mohamed says he has a passion for education and intends to complete a master's degree.

"I've seen people face many difficulties and want to make a positive difference. I chose a social work career because I want to help people."

Mr Mohamed is employed by Barnardos as a community development co-ordinator in Lower Hutt and at the national office.

He also works as an interpreter, helping people with health and immigration matters. He lives in Karori with his wife and two daughters.

He will graduate at the University's Wellington graduation ceremony this week.



Mohamud Mohamed.

Doctors of Philosophy at Wellington

Ridvan Tua Tupai-Firestone – PhD in Public Health

Dr Firestone researched Obstructive Sleep Apnoea Syndrome (OSAS), a sleep disorder characterised by repetitive pauses of breathing caused by collapse of the airways, resulting in lack of oxygen to the brain. OSAS causes sleep disruption, daytime sleepiness, and an increased risk of vehicle accidents.

Her research aimed to estimate the prevalence of OSAS symptoms and risk factors, and to identify barriers to accessing health services. Results showed a high proportion of taxi drivers had a moderate to high risk of OSAS.

Focus group analyses revealed drivers were deterred from seeking care due to limited knowledge of OSAS, confusion about responsibility for health and safety, high medical costs, and fear of finding out about other health conditions.

General practitioners also demonstrated little knowledge about sleep health. Dr Firestone concluded a need for concurrent measures to address systemic issues in both the taxi industry and health care system.

Tiong Thye Goh – PhD in Information Systems
Dr Goh's thesis investigates emerging multi-

platform e-learning systems that deliver content to devices such as PCs, PDAs and mobile phones. His thesis focuses on the formulation, competency and constitution of the multi-platform e-learning systems framework and its implementation.

It addresses factors that influence learner satisfaction with a multi-platform e-learning system. It compared a traditional e-learning system with a multi-platform e-learning system from a learner's perspective.

Dr Goh's research will help e-learning systems designers to develop and improve the adaptation process and to enhance the level of learner satisfaction and adoption in multiplatform e-learning systems.

Selwyn Katene – PhD in Māori Studies

Dr Katene's research was designed to describe and further understand the dynamics of the diaspora of an iwi and its re-emergence while being buffeted by multiple opposing forces.

He focused on the experiences of Ngati Tama and its relationship with the Crown and other iwi/Māori groups in Wellington, from 1997–2004.

It provides an insider's insight into an iwi seeking to secure political and iwi recognition by resisting attempts to assimilate into a

broader coalition of iwi/Māori interests, preferring instead to develop and maintain its own distinctive identity. The thesis pointed to effective iwi leadership in a changing environment being about negotiating relationships in good faith, and seeking pathways that advance mutual interests.

Janice Eve Wenn (née Workman) – PhD in Māori Studies

Dr Wenn's research focused on the views of kaumātua in defining the concept of "kaupapa hauora Māori": optimal health and wellbeing for Māori.

Using in-depth interviews with kaumātua from Taranaki and the Wairarapa, and using respondents to refine her analysis, Dr Wenn produced a framework that can be used in the design and quality assessment of health services.

This framework has been applied in the critical analysis of popular models of Māori health, in order to gauge the concordance of these models with the views of conservative, older Māori.

This research will improve the quality assessment and quality improvement processes for health providers as they address the priority of Māori health.

Finally a Bachelor after 14 years

Fourteen years of extramural study paid off for Winifred Andrews in Palmerston North this month, when the sprightly 86-year-old graduated with a Bachelor of Arts.

Mrs Andrews was acknowledged by graduation speaker Māori Affairs Minister and Associate Minister of Education Parekura Horomia, who said Mrs Andrews proves that education knows no boundaries.

"As Winifred has proved ... I hope that when I have a bit more time at 84 I can come up here and wave to everybody and get that acclaim," he said.

Mrs Andrews was recognised by University leaders who invited her to join them in front of the official procession.

Flanked by Vice-Chancellor Judith Kinnear and Chancellor Nigel Gould, Mrs Andrews followed the pipes and drums of the Manawatu Scottish Society with a lively step.

Mrs Andrews was accompanied to the ceremony by her family after an early-morning start from her home in Carterton.

Winifred Andrews joined Chancellor Nigel Gould at the head of the official procession.



PN Graduation '07



Town Crier Caroline Robinson with daughter Jessica in Palmerston North.

Crier's bell rings in time for daughter's ceremony

Palmerston North Town Crier Caroline Robinson had a heart-stopping moment at the end of the first Business graduation ceremony in Palmerston North.

Ms Robinson has a small but vivid role to play at the end of each graduation ceremony at the Regent Theatre: just before the singing of the national anthem, she goes on stage to ring her bell to congratulate graduates and herald the procession to follow.

On Tuesday, however, the bell was soundless as its clappers (which create the sound) broke free.

They hurtled over the heads of graduates, crashing into a lamppost

on the other side of the street.

"Not a good moment for a town crier," says Ms Robinson. "They could have hit somebody and that's not what graduates expect on their big day. They certainly would have hit someone if they had broken free while I was on stage a few minutes earlier."

The bell was mended by a nearby jewellery shop in time for the next ceremony and daughter Jessica Robinson's, later in the week.

Mrs Robinson presented her daughter with flowers at the side of the stage after she received her Bachelor of Arts, and later joined other families for photographs in The Square.

From the speeches - Palmerston North

Chancellor Nigel Gould said that while he enjoyed a diversity of his University role, he very much enjoyed the ability to share the moment of graduation. He acknowledged the many pathways that graduands had taken to reach graduation, and urged the many graduates to now accept the responsibility of assisting others in their community to follow a similar pathway, in acknowledgement of the support they had received. Their university education should give them confidence, he said, and although they would make mistakes they should not let that confidence be derailed.

Mr Gould also urged graduates to keep in touch, with the University and each other, by using the alumni network of 90,000 Massey graduates, both in New Zealand and at all points of the compass.

Vice-Chancellor Judith Kinnear congratulated graduands for reaching this landmark point in

their lives. "You may have had periods of doubt where you wondered if you would reach this day but reach it you have," she said. "You are now part of a family of alumni."

Professor Kinnear acknowledged the support of both parents and supporters of the graduates, and that of Massey staff.

"They have provided a research-led environment of the highest quality – this was acknowledged nationally through the PBRF ... so congratulations to Massey staff who today see the results of their teaching and mentoring – the success of their students is their greatest reward."

Professor Kinnear also noted the achievements of Swedish zoologist and physician Carl Linnaeus, whose achievements included developing the system for a two-word name for every living organism. Linnaeus, whose 300th birthday is celebrated this year, said of his own achievements "no man has ever transformed science the way I have".

"So I wish our graduates success," Professor Kinnear said, "and who knows, perhaps some of this year's graduates will make a contribution of such significance in their professional lives that, like Linnaeus, their 300th birthday will be celebrated worldwide."

Lesley Garrish, who established the William Gerrish Memorial Prize for the BApplSci degree in memory of her late husband, gave the address at the first graduation ceremony of the College of Sciences.

Mrs Garrish noted her connection to Palmerston North as her childhood home, and the University as the place where her husband graduated Bachelor of Agricultural Science. Mr Garrish, who died in 2001, came to Massey under the Victorian Department of Agriculture scholarship programme during the 1960s.

As well as learning about "all things agricultural" during his time at Massey, Mr Garrish made friends with local families,

Graduation '07

learned the haka and forged a keen social conscience, which was a hallmark of his future work in Third World countries. His later work included consulting on development projects in Indonesia, Thailand, Vietnam, East Timor, Laos, Cambodia and the Philippines. A trip to China in 1979 as member of the first Australian agricultural trade mission was the start of nearly 20 year's working in China on projects including livestock and pasture, dairy, mine waste management and grain handling.

"Scientific principles and technical knowledge, combined with people skills grounded in practical experience and personal integrity, were an intrinsic part of Bill's project framework and design," Mrs Garrish said.

Mrs Garrish urged graduands facing challenges to apply basic principles of excellence and ethics.

Executive chairman of Speirs Group **Nelson Speirs** delivered the address at the second of three College of Sciences graduations.

Mr Speirs congratulated graduates, but told them their graduation was just the beginning, and asked them to think of someone who had "made a difference" to the world. Two names came to his mind, both with connections to Massey University: Peter Snell and Owen Haylock. Mr Speirs said he was present both when Dr Snell won the Olympic 800m in Rome, and in Wanganui a year later when he set a new world record for the mile.

"Peter Snell is quite a guy," Mr Speirs said. "He made, and is still making, a difference."

Mr Speirs then turned to his friend and colleague the late Owen Haylock, who was the first person to complete a PhD at Massey. Dr Haylock went on to governance positions in the timber and forestry industries, and developed medium density fibreboard – known as MDF.

"All this as a result of the guts or spine, call it what you will, the driving force of Owen Haylock. But don't forget his background. He showed intellectual capacity as a young fellow and he achieved at university. He went on to his PhD. He tried his hand – and succeeded – at governance in the commercial world".

Mr Speirs said he believed that among the graduates there would be budding Peter Snells and Owen Haylocks, and urged them to back themselves, and, in a knowledgeable manner and when appropriate, to take risks, and, if necessary, "work your butt off".

Parliamentary Commissioner for the Environment **Jan Wright** provided the graduation address at the first of two College of Humanities and Social Sciences graduations. Dr Wright told graduates of her own career, including that she had started a PhD in physics, but had dropped out after realising "this is not the way I want to spend my 20s".

"As life turned out, I did do my PhD – in my 40s and in a totally different subject ... So do not assume that your first degree or even your second is the end of your education.

"Some people have a career path planned and it works out well. They make a substantive contribution focused in an area – most effectively when it is an area in which they are passionately interested."

Dr Wright talked of her role as Commissioner for the Environment, not a career bureaucrat but an Officer of Parliament responsible for reporting to all MPs and able to speak independently.

"I never had a career path planned out. And I want to urge you not to plan everything, but rather to be alert to opportunities and respond to them. Take some risks. Let life take you places."

Māori Affairs Minister and Associate Minister for Education **Parekura Horomia** gave the address to the final graduation of the week. Mr Horomia acknowledged the achievement of 86-year-old graduate Winifred Andrews, who crossed the stage first to receive her BA.

"Education knows no boundaries, as Winifred has proved ... I hope that when I have a bit more time at 86 I can come up here and wave to everybody and get that acclaim."

He also spoke of the increasing number of Māori people graduating, including the jump in the number of Māori PhD graduates from about 60, 12 years ago to more than 530 now.

Mr Horomia also spoke of his childhood, when he and his brothers and sisters walked the one hour and 16 minute journey to school, often passed by a bus on which the Pakeha children travelled.

"I used to hope that bus would stop ... but as I grew up I can tell you I didn't want that bus to stop. I have to tell you now that I'm one of the drivers of the school bus and I don't intend to give up on education."

Times had moved on for Māori however, Mr Horomia said.

"Talk about the dinner table has shifted to not talking about whether to get a tertiary education but about what courses to take."

Reserve Bank Governor Dr **Allan Bollard** set aside his concerns about inflation for his speech to Business graduates on Tuesday 15 May. Instead, he captured his audience with the story of a young man who wrote the equivalent of a modern weblog, or 'blog', during his travels around the world and, as Dr Bollard put it, "downloading his experiences as he went along".

The young man was Rudyard Kipling, who travelled throughout New Zealand 120 years ago during that journey. Dr Bollard said the words Kipling used to describe a country that then had only half a million inhabitants

included "last", "loneliest", "distant" and "exquisite".

He said New Zealand remains relatively alone economically, with no part in any formal trading group. However, he noted "a new, exciting era of globalisation" in which graduates would play their part.

"Some of you will continue to study, some will join the workforce and some will take the opportunity for OE," he said. "I hope all who do leave the country will return to take up the challenge of building New Zealand for the future, as less remote, more integrated...but still exquisite."

Dr **Susan Baragwanath** told graduands in Education, and Creative Arts that in any profession, what really matters is the way we communicate.

"All the tricks I learned over the years in schools around the world have come into play. We have few words of each other's languages but plenty of hand signals, stick drawings, interactive learning and lots of fun and laughter.

"A nod, a smile or a touch is sometimes all that is needed to show we care." She emphasised to graduands, the importance of recognition, and perseverance. Citing her own experiences as an educator, and through work she undertook at the invitation of the United Nations Children's Fund.

"Some of you will choose to continue studying and, in the spirit of Massey University, learning is life long. You have great responsibilities."

Dr Baragwanath is the founder of He Huarahi Tamariki and two years ago received an honorary doctorate from the University.

Dr **Bali Haque** refuted those who claim that the teaching profession needs to modernise. He told graduands that the implication teaching has been in a time warp is nonsense.

"Teachers today, I believe, have understood the need to differentiate in their classrooms, and have genuinely and purposefully rejected notions of whole class teaching and one size fits all classroom practice in favour of a much more fine tuned and personalized approach based on the idea that every single student in a classroom has individual abilities, motivations and needs.

"There is an art/science of teaching. It can be learned, and it is represented by real expertise, skills and knowledge. And New Zealand teachers are damned good at it."

Dr Haque said that in the end, it's the quality of the teacher that is fundamentally important, and they must struggle with purpose and values daily.

Dr Haque is Deputy Chief Executive, Qualifications, of the New Zealand Qualifications Authority.



Robyn Hoggard flanked by her grandfather Neville Green, and her mother Judy Owen. All are Massey Graduates.

Granddaughter of Massey's first PhD follows suit

Andrea Pickering graduated with her PhD at Palmerston North recently, almost 50 years after her grandfather, Owen Haylock, received the first PhD to be awarded by the University.

Although he died soon after she started her doctorate, Dr Pickering says her grandfather knew she was "well on her way to getting her PhD and he couldn't have been happier". Dr Haylock's wife, Hilary, attended her granddaughter's graduation ceremony.

Mrs Haylock says her late husband always acknowledged the skills in research and practical skills that he gained while completing his PhD in Soil Science at Massey.

She is also "thrilled" that Dr Pickering had received her PhD and that she was able to do so while remaining close to the family home in Bulls. Dr Pickering's PhD was in Plant Science, and her research focused on factors predisposing grapes to a disorder known as bunch stem necrosis. Now employed at HortResearch, she hopes to follow up that work.



Andrea Pickering, with her grandmother Hilary Haylock.

The family's historical connections with the University don't end there, however, as Dr Pickering's great, great-grandfather, Sir James Wilson, played a key role in establishing the then University of New Zealand Massey College. Sir James was also the first president of the then New Zealand Farmers' Union, which later became Federated Farmers, and the first president of Board of Agriculture.

The University still awards the Sir James Wilson prize annually to the top third-year student in the Bachelor of Applied Science.

This year's recipient was Julia Collins, who received the Sir James Wilson Prize for being the top BAppSc student in 2007.

Scholarships, worth \$290,000, were presented to more than 100 applied science students at the annual presentation evening earlier this month.

Dynasty of distance learners

Three generations of extramural students in one family is rare, even for New Zealand's largest provider of distance learning.

Robyn Hoggard graduated with a Bachelor of Business Studies at Palmerston North this month. Her mother, Judy Owen, has two degrees from Massey: a Bachelor of Arts in 1981 and a Masters in Sociology with Honours, four years later.

Both earned their qualifications studying extramurally, following in the footsteps of Judy's father Neville Green, 85, one of the University's first extramural students.

When Mr Green enrolled in 1963, distance learning was virtually unheard of in New Zealand. Massey College (later Massey University) started offering extramural courses in selected subjects in 1961 and gradually extended its programmes. Mr Green, then living in Wanganui, was among the first to study for an Arts degree.

After graduating with a BA in 1967 he worked in Invercargill and, in 1970, became the first principal of Twizel High School. He returned to extramural study to complete a Postgraduate Diploma in Education and was the first fulltime president of the Extramural Students' Society. He continued a career as a teacher and is now

retired, in Waikanae.

Judy Owen began study from Balclutha and, with a stint as an internal student, continued until 1985, marrying Frank Owen, another Massey graduate. After completing her MA she developed a database of information on social science research in New Zealand and the South Pacific.

Her subsequent roles included involvement in the Royal Commission on Social Policy in 1988, and managing information services in Government departments. She is now a consultant in information management.

Robyn Hoggard says some years ago she looked around and realised she might end up as the only one in her family without a Massey degree. Her brother (now living in Denmark) graduated with a Bachelor in Agriculture in 1984, studying as an internal student. Her sister, Sandra, (now living in Ireland) also studied on campus in Palmerston North, graduating with a Bachelor in Applied Science (Resource Management) in 1998.

Judy Owen draws a bit of a veil over the academic career of her third daughter, Maree, who graduated from the University of Otago with a medical degree. "She wanted to be a doctor," she says apologetically.

Climbing a few Everests

In a recent graduation address in Palmerston North, business and sports administrator **Bruce Ullrich** used Everest as an analogy for the challenges he has faced – and the challenges ahead for graduates.

Mr Ullrich has been Chef de Mission for three New Zealand Olympic games teams and received an OBE for services to sports administration. He has a Masters in Business Administration from the University and is a member of the University Council.

He has managed more teams to Olympic and Commonwealth Games than any other New Zealander.

In his speech to the second ceremony for

Business graduates, he recalled a tribute from Sir Edmund Hillary who described Mr Ullrich as "having climbed a few Everests himself". His current challenge is chairing the Bid Committee for the staging of the Commonwealth Games in Christchurch in 2018.

Mr Ullrich also shared his experiences in China, where he has helped to establish strong government and educational links. He said he has a simple philosophy of trying to bring out the best in people.

"Surround yourselves with people who don't know the meaning of 'it can't be done'. Strive to meet the highest standards of performance possible."

Research may boost IVF success

Higher success rates for in-vitro fertilisation may result from a PhD student's research into measurements to assess the quality of eggs. Dr Gabe Redding, who graduated with a Doctor of Philosophy in bioprocess engineering in Palmerston North recently, describes his research as a novel integration of reproductive biology and engineering.

"The objective was to investigate tools and technologies that can be used to select the best eggs during IVF," Dr Redding says. "The work focused on the oxygen levels in the follicle as a measure of egg quality."

In addition to finding that current IVF techniques can expose the eggs to potentially detrimental temperature drops, Dr Redding investigated devices for measuring oxygen levels in the follicle. Such devices may enable the best eggs to be selected.

At present, most IVF clinics only use visual grading of the eggs after they are harvested and later similar checks on quality of the embryos. "But IVF could be dramatically changed if there was some measure of egg or embryos quality," Dr Redding says.

Dr Redding's study was undertaken as part of a wider programme contract awarded to AgResearch by the New Zealand Foundation for Research, Science and Technology, titled *Advanced tools for the problem of infertility in women*.

His PhD was carried out through the University's Institute of Technology and



Dr Gabe Redding.

Engineering, supervised by Associate Professor John Bronlund and Dr Alan Hart (AgResearch).

Dr Redding is continuing to work on the project, including extending the mathematical models that he developed for oxygen to consider other substances which may be important to the egg.

"The long-term goal is to fully explore the contribution engineering can make to improving the outcomes of assisted reproductive technologies such as IVF. The work is really novel because reproductive biology and engineering are two disciplines which are seldom paired."

Businesses performing well in North and South America

New Zealand's small to medium businesses operating in North and South America are performing well – and possibly better than comparable Australian businesses in the same market, according to new research.

Dr Henry Chung, at the Department of Commerce in Auckland, has analysed the marketing programmes and processes of 121 New Zealand firms and 108 Australian firms operating in the two continents.

His survey was sent out to small and medium sized businesses who were selling a wide range of goods and services from seafood and meat to wine and fruit, to security, education and information technology.

He found the top market for them in the region was the United States, followed by Canada. Mexico was the next most significant market, followed by Chile ahead of all other countries in South America.

Overall, his respondents reported they had about 10 per cent of the market in the host country – a very respectable share, says Dr Chung.

"Our survey tells us that a lot of New Zealand companies operate in niche markets within the United States and Canada where they are doing reasonably well."

The survey included questions on length of time in the market, annual sales growth, future market potential and knowledge of the market.

Dr Chung is well-known for his work on the role that immigrants can play in assisting firms in their new country to do business in their country of origin. His studies on what he calls the 'immigrant effect' on successful marketing



Dr Henry Chung.

strategies, focused on companies doing business in Taiwan, Hong Kong and China. He found it was mostly smaller companies, trying to penetrate export markets, that recognised the benefits of hiring from the immigrant workforce.

In his study of the American markets he has found immigrants from the United States had been hired by more than eight per cent of the Australian companies and 10 percent of the New Zealand firms doing business in various parts of America, regardless of the nature of their business.

"Once again the 'immigrant' effect showed up," he says.

Papua New Guinea business students skill up in banking

Among those graduating at a Palmerston North College of Business ceremony recently were two who came from Papua New Guinea to receive their postgraduate diplomas in banking.

Georgina Drapasuwe and Karen Moata studied entirely in Papua New Guinea under a programme run by the Centre for Banking Studies.

Banking lecturer Claire Matthews says this is the first time students have come over for graduation from the programme, which has been running since 1997 and involves block courses held in PNG every year. The programme is part of efforts by the banks in PNG to upskill their local staff and reduce their use of expatriates, says Ms Matthews.

"In 1997 we were approached by the PNG Institute of Banking – now the PNG Institute of Banking and Business Management – which wanted to access the diploma for Papua New

Guinea-based students."

The banks, including ANZ and Westpac, wanted to reduce their reliance on expatriate staff, primarily from New Zealand and Australia. They looked at programmes in both Australia and New Zealand and decided ours best suited their needs.

"Since then we have run one paper each year in Port Moresby, which means students take four years to complete the Diploma. So we travel to the students, with costs paid by the PNG banks. Studying part-time in this way allows the students to continue working while they are studying, which is another benefit.

"The classes are small and meeting them annually for four years means that we get to know them well."

Both graduates are with the ANZ. Ms Drapasuwe's ambition is to move into credit and lending while Ms Moata wants to go into financial services.



Supercar project picks up speed

After four years in development, New Zealand's supercar is going on show before international car fans in the Middle East next month.

Named in honour of New Zealand's only Formula One world champion, Denny Hulme, the Hulme.F1 is an eye-catching racing machine designed for road use.

Design team coordinator Professor Tony Parker is hoping to generate interest among buyers. He will accompany the car to shows in Kuwait and Saudi Arabia, for brand development and marketing.

"These are prime opportunities to test the market and attract investors for this

revolutionary F1 road car," says Mr Parker, who heads the University's Industrial Design department.

"We will be launching a collectors' limited edition print (pictured) to commemorate the 40th anniversary of Denny Hulme's Formula One World Drivers' Championship."

This has been signed by eight Formula One world champions and 20 other drivers, all of whom raced against Denny Hulme in Formula One between 1965 and 1974.

Launched in 2005 as a concept car, the Hulme.F1 is being fitted with General Motors' latest high-tech LS7 V8 engine this year, to test basic componentry.

Obo at the top of its game

The team from Palmerston North-based hockey goalkeeping equipment company Obo were popular winners of the University's annual award for contribution to the Manawatu economy.

At the Business Link function, hosted by the University and Vision Manawatu during graduation week, Obo's Simon Barnett accepted the award from Deputy Vice-Chancellor Professor Ian Warrington, to a cheer from guests.

Announcing the winner, Professor Warrington noted Obo's 'creativity, innovation and distinctiveness', its 'passion and commitment' and good business practice, operating in a niche market.

The Business Link function also acknowledged the efforts of Palmerston North city organisations, including retailers, to promote graduation week. The Chairman of City Centre Marketing, Bryan Gaskin, announced the winners of the Graduation Shop Window competition, observing that there have been more people on the streets embracing graduation this year.

The winners were: first, Cash Converters; second, Palmerston North City Council; and third, Abode Interiors.

Funky "FudgeBall" design nets \$2000 scholarship

Designs for a silicon sink plug and a "FudgeBall" funky correction tape dispenser helped industrial design student Blake Richardson win this year's Macdonald Scholarship.

Mr Richardson, 20, received the award on the Wellington campus recently. It was presented by its sponsors, geophysicist Peter Macdonald and his wife Doris.

The award, worth \$2000, is given annually to a third-year School of Design student majoring in Industrial Design who has achieved high academic and technical standards in year-two of their studies.

Mrs Macdonald has extensive connections with the tertiary education sector and Mr Macdonald a strong interest in the development of New Zealand design and technology. In 1995 they established a trust fund to provide the scholarship.

"We particularly wanted the scholarship to support high achieving students during the middle stages of their degree studies," says Mr Macdonald.

Mr Richardson designed a range of products including a silicone sink plug, perfume bottle, and FudgeBall, a "funky" correction tape dispenser. He thanked Mr and Mrs Macdonald, described the award as "awesome" and said he would invest the money in his further studies.



Professor Barrie Macdonald, Margaret Harris, Laura Clague, Bradley Swale, Major-General Lou Gardiner and Associate Professor Glyn Harper.

Defence Studies Prizegiving

Chief of Army Major-General Lou Gardiner made his first visit to the Centre for Defence Studies to confer the awards at the inaugural prize giving ceremony on 17 May.

Associate Professor Glyn Harper says the event was important for both the University and the New Zealand Defence Force in recognising the academic achievement of students undertaking the Bachelor of Defence Studies programme.

The first-year prize was awarded to Margaret Harris, and the second-year prize to Laura Clague. Daniel Swale, who completed the BDefStuds as a fulltime student and

graduated earlier this month, took both the third year prize and the award for excellence in the Bachelor of Defence Studies degree.

The awards were presented by General Gardiner and College of Humanities and Social Sciences Pro Vice-Chancellor Professor Barrie Macdonald.

Major-General Gardiner is a Massey alumni after completing a BBS with a major in human resources in 1996. While on campus he attended a briefing on the work of the Centre for Defence Studies. Other visitors to the centre this month included a party from the Qatar military.

In the news

9 May

The Press, Southland Times, RNZ, RLI, nzherald.co.nz, Bay of Plenty Times, The Daily Post, Daily Chronicle, Southland Times, Greymouth Star, Otago Daily Times: Professor **Janet Hoek**, from the Department of Marketing, has called for a launch of a 'no call' list, that will allow for a database of home phone numbers which telemarketing companies cannot ring. The call came following Australia's lead who recently established the same block.
Wanganui Chronicle, Bay of Plenty Times, Westport News, Oamaru Mail, Marlborough Express, Hawkes Bay Today, Otago Daily Times, The Epoch Times, Christchurch Star: **Taisia Huckle**, from the SHORE Centre, led a study that has revealed New Zealand teenagers are being harmed by growing up in an environment where alcohol is widely available and consumption is the norm.

10 May

The Dominion Post, The Press, Waikato Times, Southland Times, Timaru Herald, Taranaki Daily News, Nelson Mail: **David Tripe**, Director of The Centre for Banking Studies, says Kiwibank's profitability is about half that of the four major Australian-owned banks, but this isn't surprising considering their competitors.
RNZ, North and South: **Ralph Sims**, from the Institute of Technology and Engineering, says that because New Zealand is a small and well educated nation, we can demonstrate change faster than others, in the production of biofuel.

11 May

The New Zealand Herald, Manawatu Standard: Professor **Kevin Stafford**, from the Institute of Veterinary, Animal and Biomedical Sciences, says after so many dog bite incidents lately, effective dog control and enforcing of the present laws are not difficult, definitely needed, and are paid for by registration fees.

14 May

The New Zealand Herald: **Robin Dykstra**, from the Institute of Fundamental Sciences, will receive his PhD for his research into portable nuclear magnetic resonance devices. His work has led to these machines, with uses ranging from construction to the oil industry, being sold around the world.
Radio Pacific: Dr **Roger Morris**, from the Institute of Veterinary Animal and Biomedical Sciences, says Bird Flu has spread in central Vietnam. The outbreak is disappointing and very negative, but bird flu is not easily passed from person to person.

15 May

The New Zealand Herald, The Press, The Dominion Post, Manawatu Standard, Waikato Times, RLI, RNZ, Newstalk ZB, allheadlinenews.co.nz (USA),

Timaru Herald, West Coast Times, Westport News, Oamaru Mail, Nelson Mail, Marlborough Express, Northern Advocate, Gisborne Herald, Westport News, Taranaki Daily News, Greymouth Star, Ashburton Guardian, Bay of Plenty Times, The Epoch Times, Wanganui Chronicle, Hawkes Bay Today, Southland Times, Otago Daily Times, Sunday Star Times: Dr **Al Rowland**, from the Institute of Molecular Biosciences, who led the research into the effects felt by the sailors who took part in the 1950s nuclear tests, released findings that have shown the veterans have three times the normal rate of chromosome mutations.

Manawatu Standard: **Nicola Shadbolt**, from the Institute of Food, Nutrition and Human Health, says the extra demand for biofuel should push grain prices higher, which means beef produced in feedlots will become more expensive internationally. This is good for New Zealand which produces grass-fed meat.

16 May

The New Zealand Herald, The Dominion Post, The Press, Manawatu Standard, Wanganui Chronicle, West Coast Times, The Daily Post, Greymouth Star, Timaru Herald, Taranaki Daily News: Dr **Peter Snell**, who received an honorary doctorate in Science this year, told graduates at the Palmerston North ceremony, that there were three gifts people could provide themselves in life; a university education, a fulfilling career and a high level of wellness.
The Dominion Post, Manawatu Standard, Gisborne Herald: **Paul Dibble**, an internationally renowned sculptor, received a Honorary Doctorate in Fine Arts in this years Palmerston North Graduation ceremony.

18 May

The Dominion Post, Manawatu Standard, Southland Times: Associate Professor **Claire Massey**, from the Department of Management and Enterprise Development, says the latest tax cuts set by Michael Cullen's budget, would miss about 60 percent of small businesses, and the rest of the package held little for the sector to get excited about.

Manawatu Standard: **Claire Robinson**, from the Department of Two Dimensional Design, says the Government has used the latest budget release to prove its prudent management of the economy, whereas, what people were looking for was something new.

New Zealand Medical Journal, Epidemiology Monitor Review; Professor **Neil Pearce** has his book *Adverse Reactions: The Fenoterol Story* published to critical acclaim. The book explores the enormity and intensity of challenges faced by epidemiologists in seeking to report and make use of data for public health purposes.

19 May

The Press, Nelson Mail: Dr **Mark Sullman**, from the Department of Resource Management, says his survey conducted on road rage has revealed that a lot of it is founded on misconception, as the level

of driver anger has been stable over the past five years.

The Press, Manawatu Standard: **Peter Lineham**, from the School of Social and Cultural Studies, who was raised in an Open Brethren Church says it has a deeply entrenched culture.

21 May

New Zealand Herald: **David Tripe**, says mortgage lending has grown because frontline lending staff have been given incentives to write as many loans as they can, and may have no experience of loans that go bad.

22 May

The Dominion Post, Manawatu Standard: Professor **James Chapman**, PVC (Education) says that New Zealand now has one of the largest gaps in the world between male and female achievers, with women coming out on top, rating the country's gap worse than poor and impoverished countries.

Pharmacy Today: Dr **Lisa Wu**, from the School of Psychology, says that shorter winter days can trigger Seasonal affective disorder, a type of depression experienced by some people during certain seasons in the year.

Next Magazine: Dr **Farah Palmer**, from the Department of Management, will feature in a book entitled '18 inspiring sportswoman share their stories', which talks about her career, life and leadership achievements including captaining the Black Ferns.

Research Funding Opportunities

<http://www.massey.ac.nz/research/rms/fops/fo.cfm>

INTERNAL FUNDING ROUND NOW OPEN

All Guidelines and application forms contain significant changes from previous years. Please ensure the correct forms are used.

Visit our Internal Funding web page at <http://www.massey.ac.nz/research/rms/fops/internal.cfm> for access to forms.

International Visitor's Research Fund (IVRF)

The International Visitor Research Fund has been established to promote high quality research outputs through international collaboration. It does this through supporting the international travel costs of reputable researchers to come to Massey University. Visitors must come for at least a month. Grants will cover the travel costs of up to a return around the world economy air ticket plus a contribution towards expenses of up to a maximum of \$500.00

DEADLINES - 1 August & 1 November 2007

Research Funding Opportunities

<http://www.massey.ac.nz/research/rms/fops/fo.cfm>

Grant Development Fund (GDF)

The Grant Development Fund has been established to provide seed funding to help establish or develop teams (normally a minimum of three or more people) that will then be competitive in applying for external funding.

This fund is not intended to fund research as such but specifically those activities associated with the development of a grant application. The resulting external funding application should be for \$1 million. The maximum funding that will be granted from the GDF in any one year is \$25,000. It is anticipated that the funding will be used to release key research staff from teaching or administrative duties, for travel, administrative support for the research team and grant writing.

DEADLINES - 1 August & 1 November 2007

Massey University Māori Award (UMA)

Available to Māori Lecturers or Senior Lecturers, who are PBRF-eligible. Up to \$10,000 in casual assistance is made to the Department/Institute/School to enable relief from some normal teaching and administrative duties to complete a current research programme, write up a completed research programme or undertake a new one. Potential of research for Māori advancement and development must be indicated.

Please note: All interviews are at the discretion of the relevant interview panel and if required to attend the interviews are held 13 June 2007.

DEADLINE - 1 June 2007

Massey University Women's Award (UWA)

Available to women Lecturers or Senior Lecturers, who are PBRF-eligible. Up to \$10,000 in casual assistance is made to the Department/Institute/School to enable relief from some normal teaching and administrative duties to complete a current research programme, write up a completed research programme or undertake a new one.

DEADLINE - 1 June 2007

Massey University Research Fund (MURF)

Available to all academic staff of the status of Assistant Lecturer and above, who are PBRF-eligible, to support casual/temporary assistance, consumables and domestic travel to a total value of \$15,000.

DEADLINE - 2 July 2007

Post Doctoral Fellowship (PDF)

Provides two years' funding for an appointment that will enhance a specific research programme. Researchers, who are PBRF-eligible, from all academic departments are eligible to apply.

DEADLINE - 2 July 2007

University Technicians Award (UTA)

The Technicians Award provides a salary of up to a maximum of \$35,000 p.a. for two years to employ a technician for a specific research project.

DEADLINE - 2 July 2007

University Research Fellowship (URF)

Provides support for senior academics, who are PBRF-eligible, to complete a particular research project. Up to \$20,000 is made to the Department/Institute/School to enable relief from some normal teaching and administrative duties.

DEADLINE - 2 July 2007

University Research Awards (URA)

Available to Lecturers or Senior Lecturers, who are PBRF-eligible, in all Colleges except Sciences. Up to \$10,000 in casual assistance is made to the Department/Institute/School to enable relief from some normal teaching and administrative duties to complete current research.

DEADLINE - 2 July 2007

Please note: All interviews are at the discretion of the relevant interview panel and if required to attend the interviews are held 25, 26 and 27 July 2007.

College Research Awards and Massey University Research Medal

Applications are now open for the annual College

Research Awards and Massey University Research Medal.

DEADLINE - 2 July 2007

Guidelines and application forms are available from the Research Medals web page: http://www.massey.ac.nz/research/university-medals/university-medals_home.cfm

The following categories are available:

College Research Award - Individual

This Research Award has been established in order to recognize outstanding research contributions in each of the Colleges. One award may be granted annually in each College and will be presented at an appropriate ceremony. The winner of this award in each College will automatically be nominated for the University Research Medal, which is the highest award for research bestowed by the University (Honorary Degrees excluded). The University Medal may be awarded annually and a research grant of \$20,000 will be made.

College Research Award - Supervisor

This Research Award has been established to recognize and promote research excellence within each of the Colleges. One award may be granted annually with the objective of the award being to recognize staff who have an outstanding record of research supervision at the Masters or Doctoral level. It will be presented at an appropriate ceremony. The winner of this award in each College will automatically be nominated for the Massey University Research Medal - Supervisor. The University Medal may be awarded annually and a research grant of \$10,000 made.

College Research Award - Early Career

This Research Award has been established to recognize and promote research excellence within each of the Colleges. One award may be granted annually with the objective of the award being to recognize staff who have completed their PhDs, or equivalent, within the past seven years and who are showing research potential and leadership of the highest calibre. It will be presented at an





Massey University

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Massey University



Te Kūmara
ki Pūrehuroa

appropriate ceremony. The winner of this award in each College will automatically be nominated for the Massey University Research Medal - Early Career. The University Medal may be awarded annually and a research grant of \$10,000 made.

Massey University Research Medal - Team

The Research Medal has been established in order to recognize outstanding research contributions by a team. One medal may be awarded annually to each full-time academic or research member of the team and a research grant of \$25,000 will be awarded to the team.

TRAVEL FUNDING AVAILABLE

For more information about the opportunities below, visit www.cos.com/nz and click "Funding Worldwide". Enter the COS Unique ID into the "All Fields" section and click "Do the Search".

Paykel Trust

Travel Grants

The Trust Board provides grants-in-aid to eligible applicants for assistance with the costs of travel relevant to their research in a health-related field. This may include (i) travel to scientific meetings; (ii) visits to research centres in other countries; (iii) short travel periods to work in overseas laboratories or undertake research training. The grants are not available for personal career advancement. Grants-in-aid for personal travel are usually in the range of \$1,000 - \$3,000 and have a current limit of \$3,000 unless exceptional circumstances apply.
COS Unique ID: 91440
DEADLINES: 1 June & 1 October 2007

Paykel Trust

Conference Support Grants

The Trust Board provides grants-in-aid for the support of scientific conferences in health-related fields organised by academic institutions or professional organisations within New Zealand. Priority will be given to conferences with an emphasis on research

and research training.

Conference support grants are not intended to support personal travel to attend overseas conferences. Applicants seeking such support should apply for a Paykel Trust Travel Grant.
COS Unique ID: 91442
DEADLINES: 1 June & 1 October 2007

National Heart Foundation (New Zealand)

Limited Budget Grants

The foundation awards Travel Grants to enable medical or non-medical workers to travel in New Zealand or overseas for short-term study or to attend conferences. Applications must fit within the aims of the National Heart Foundation which are "to promote good health and to reduce suffering and premature death from diseases of the heart and circulation."

The scientific committee particularly encourages applications in the designated priority research areas of

- modification of lifestyle risk factors for cardiovascular disease,
- Māori heart health,
- Pacific Island heart health,
- socio-economic determinants of heart health, and
- diagnosis and management of patients with cardiovascular disease.

COS Unique ID: 30916
DEADLINES: 1 June & 1 October 2007

HRC – Japan Society for the Promotion of Science

Exchange of Scientists and Postdoctoral Fellows
The objective of these awards is to support the exchange of visits of New Zealand scientists to Japan and for Japanese scientists to New Zealand. The duration of the visits will depend upon the program category. There are two program categories: Scientists and Postdoctoral Fellows. It is intended that collaborations among health and health science researchers under this program will lay the foundations for establishing cooperative research networks between Japan and New Zealand.

COS Unique ID: 102941 and 102942
DEADLINE: 15 June 2007

Winston Churchill Memorial Trust

Churchill Fellowships

Churchill Fellowships are intended for travel, typically of between three weeks and three months duration, for intensive investigative research. The Trust helps all kinds of New Zealanders - including community workers, engineers, business people, actors, teachers, nuns, artists - to travel overseas and bring back with them new insights and understanding that will enrich their community and, ultimately, New Zealand as a whole.

COS Unique ID: 1638
DEADLINE: 31 July 2007

Royal Society of New Zealand

IGAC Young Scientist Travel Award

The Society established these awards to assist students undertaking PhD degrees at New Zealand universities to attend their first overseas scientific conference (this includes summer schools or workshops).
COS Unique ID: 97854
DEADLINE: 1 September 2007

Royal Society of New Zealand

KAREN (Kiwi Advanced Research and Education Network): Event Support and Travel Fund
The Research and Education Advanced Network New Zealand is building a next-generation telecommunications link for New Zealand educators, researchers and innovators, called KAREN (Kiwi Advanced Research and Education Network). REANZ has established a Capability Development Fund for KAREN. The fund contains over \$4m to be invested in capability development over the three years to June 2009.
COS Unique ID: 102845
DEADLINE: 27 October 2007

Whareverata

venue • cuisine • events



Winter Brunch Series – every Sunday 10am – 1pm from Sunday June 10th until Sunday September 30th
Local entertainment, reservations advised. Contact Helen Poole 350 5088

CONTACT US:
Roger Lins

r.j.lins@massey.ac.nz x. 81344
Research Development Advisor - College of Sciences

Wendy James

w.james@massey.ac.nz x. 9533
Research Development Advisor - College of Business

Victoria Bradley

v.j.bradley@massey.ac.nz x. 81327
Research Development Advisor - College of Humanities & Social Sciences and College of Creative Arts

Kate Arentsen

k.arentsen@massey.ac.nz x. 81326
Research Development Advisor - General Contact

Diana Young

d.m.young@massey.ac.nz x. 81341 - Research Funding Co-ordinator

Scholarships and Bursaries

<http://awards.massey.ac.nz>

A Snap-Shot of Scholarships Closing May / June 2007: full information about these scholarships and all others scholarships can be found on <http://awards.massey.ac.nz/>

Undergraduate

Landcorp Farming "First Step" Bursary – closing 30 May 2007

Wanganui Federation of University Women Trust Wynne Costley Study Award – closing 30 May 2007

Tongariro Natural History Society Memorial Award – closing 30 May 2007

Exchange Student Scholarships – closing 1 June 2007

St Hilda's Bursaries – closing 1 June 2007

NZ Food Safety Authority Scholarships – closing 7 June 2007

Hunterville Vet Club Veterinary Scholarship – closing 15 June 2007

Jeff Nash Memorial Scholarship – closing 15 June 2007

Winstone Aggregates / Te Mana Taiao Maori Student Summer Internship – closing 15 June 2007

Westlands Veterinary Services Inc. Grant – closing 22 June 2007

Westlands Veterinary Services Inc. Scholarship – closing 22 June 2007

AMP Scholarship Programme – closing 30 June 2007

Drury Tertiary Scholarship – closing 30 June 2007

Honeywell Bursaries in Energy Management – closing 30 June 2007

NZ Planning Institute Bursary – closing 30 June 2007

NZ Property Institute Study Award – closing 30 June 2007

Rotary Foundation Ambassadorial Scholarship – closing 30 June 2007

Royal Society of NZ Medals & Awards – closing 30 June 2007

Sasakawa Fellowship Fund for Japanese Language - Teacher Trainee Scholarships – closing 30 June 2007

Postgraduate

Japanese Government (Monbukagakusho) Undergrad & Research Scholarship – closing 28 May 2007

Golden Plover Award – closing 30 May 2007

Landcorp Farming "First Step" Bursary – closing 30 May 2007

Tongariro Natural History Society Memorial Award – closing 31 May 2007

Fulbright Travel awards – closing 1 June 2007

St Hilda's Bursaries – closing 1 June 2007

The British Council Researcher Exchange Programme (RXP) – closing 2 June 2007

AMP Scholarship Programme – closing 30 June 2007

Drury Tertiary Scholarship – closing 30 June 2007

Honeywell Bursaries in Energy Management – closing 30 June 2007

NZ Planning Institute Bursary – closing 30 June 2007

Rotary Foundation Ambassadorial Scholarship – closing 30 June 2007

Rotary Foundation World Peace Scholarship – closing 30 June 2007

Royal Society of NZ Medals & Awards – closing 30 June 2007

Sasakawa Fellowship Fund for Japanese Language - Teacher Trainee Scholarships – closing 30 June 2007

Events

<http://events.massey.ac.nz>

WN – Mon 28 May

2.30pm to 5.00pm

Ceremony for Māori Graduands

The Ceremony for Māori Graduands will take place at the Te Kuratini Marae, Massey University, Wellington Campus. This will take place at 2.30pm on Monday 28th May 2007. Friends and whanau of graduands are welcome.

For further enquiries, please contact the Te Kaiwawao on (04) 801 5799 ext 6904.

<http://graduation.massey.ac.nz/massey/students/graduation/wellington/events/maori.cfm>

Venue: Te Kuratini Marae, Massey University, Wellington Campus

Contact: Te Kaiwawao

Ph: 04 801 5799 ext 62190

WN – Tues 29 May

9.30am to 4.30pm

Wellington Campus Graduation Ceremony

Ceremony One - 9:30 - 11:00am

-New Zealand School of Music

-College of Creative Arts

-College of Education

-College of Sciences

Street Procession - Departs 1pm

The street procession through central Wellington is an integral part of the celebration. All graduands to assemble at the forecourt of Parliament grounds no later than 12.50pm.

Graduates of the first ceremony who wish to take part in the procession will be able to take a chartered bus from the Michael Fowler Centre at 12:30.

Ceremony Two - 2:30 - 4:30pm

-College of Business

-College of Humanities and Social Sciences

<http://graduation.massey.ac.nz>

Venue: Michael Fowler Centre

Contact: Nathalie Hinds

Ph: 04 801 5799

WN – Tues 29 May

5.30pm to 7.30pm

Free Film: Night at the Museum

Come watch 'Night at the Museum' on the big screen on Tuesday 29 May at 5:30pm. Be prepared to laugh and enjoy this new release from Ben Stiller.

Feel free to bring your dinner or get some from Feed.

Free Films are run by the Chaplaincy to provide students with a safe place on campus to chill out, relax and be entertained.

<http://www.massey.ac.nz/massey/students/student-services/chaplains/wellington/contact.cfm>

Venue: Student Common Room Level 1 Student Centre map
Contact: Sarah
Ph: x62075

WN – Wednesday 30 May

1.00pm to 2.30pm

Corporate Governance, Transparency and Secrecy: The Ethics of Earnings Management

Professor James C Gaa, University of Alberta

This is a research presentation corresponding to Professor Gaa's public lecture on 21 May. The abstract may be found at <http://tinyurl.com/yu6py3>

Venue: 5C12

Contact: Nikki Batten

Ph: x6877

WN – Wednesday 30 May

12.15pm to 1.00pm

Energy and Combustion Systems

Chee Keong TAN, University of Glamorgan, Wales

This seminar discusses my activities at the University of Glamorgan in the Mechanical Engineering Research Unit of the Department of Engineering. My past and current research has been primarily related to energy and combustion systems. Many of these projects involved collaboration with partners from industry and other academic institutions across the UK and the EU.

They entailed the application of interdisciplinary approaches to solve long-standing problems in the power generation, steel and glass industries, including fouling/slagging in coal fired boilers and burners, minimisation of pollutant emissions and improving furnace efficiency.

These have been achieved through the development of a variety of diagnostics/predictive tools based on relatively low-cost sensor technology and Artificial Intelligence Techniques such as Artificial Neural Networks. I also have considerable experience in using commercially available Computational Fluid Dynamics (CFD) simulation software, such as FLUENT?, in my research and consultancy work.

For example CFD has been employed to optimise the operation of pulverised fuel burners during co-firing of coal with biomass/waste materials; to determine the optimal position of auxiliary fuel injectors in glass melting furnaces; and to evaluate alternative designs of a heat exchanger for a domestic condensing boiler.

Venue: Block 5, Level C, Room 12 [5C12]

Contact: Dr Jim Jones

Ph: x6719

AK – Wednesday 30 May

6.30pm to 7.30pm

The Science of Exercise: Performance to Public Health

Dr Peter Snell DCNZM

Physical activity and exercise are under-utilised tools in the effort to improve the health & wellbeing of all New Zealanders. For many Kiwis the physical activity of daily living has seriously reduced to levels which could see life expectancy retreating for the first time.

Obesity-related deaths each year are more than twice the annual road toll, yet effective interventions can take a few minutes a day. Knowledge is the new 'currency' of wellness.

Dr Peter Snell, champion New Zealand health scientist and sporting icon, joined by respected Massey University Professor in Māori health and development, Chris Cunningham, will discuss how the disciplines of exercise science and public health/Māori health can be combined successfully to support the maintenance of wellness and the treatment of disease in an "ageing, browning" New Zealand.

Dr Snell is a Massey University Foundation Visiting Fellow in Health & Exercise Science and recent recipient of an Honorary Doctorate from Massey University. He is also Associate Professor in the Department of Internal Medicine at the University of Texas Southwestern and Director of the University of Texas Southwestern Human Performance Centre in Dallas. He is currently engaged with Massey University researchers in the development of a research programme in Public Health & Exercise Science.

The public lecture is a non-ticketed, free public event. No RSVPs necessary. Seats are limited.

Venue: LT200 Sir Neil Waters Lecture Theatres (left, at the top of the drive) Gate 1, Albany Expressway, Albany, Auckland.

Contact: Karen Greer

Ph: 06 350 5865

PN – Thursday 31 May

1.00pm to 2.00pm

School of History, Philosophy and Classics: Lecture Presentation

Rohan Prince

The Problem of Evil and Skeptical Theism: Almeida, Oppy and Burke

Venue: MB 1.02

Contact: Dr Gina Salapata

Ph: 7273

WN – Thursday 31 May

11.00am to 11.45am

Diverging Diversities: The Salience of Culture

Dr Barbara Crump

Diversity strategy objectives of global organisations usually assert the same core values and directions for their country-branches without regard to different national, social and organisational cultures. Consequently, the outcomes vary and can fail to achieve the objectives.

This paper describes research that investigated the perceptions of women with young children who worked in a multi-national corporation in Japan and New Zealand and the effect of work-life diversity policies of their company.

The findings indicate that how diversity measures are implemented, and the extent to which cognizance is taken of the local culture, shapes the success or otherwise of these measures.

If an organisation is really serious about achieving diversity objectives, such strategies must take the local, socio-culture into consideration.

Venue: 5F32

Contact Details: Barbara Crump

Ph: 6881

WN – Friday 1 June

1.00pm to 2.00pm

Chamber Showcase

HIGHLIGHTS from the New Zealand School of Music's Chamber Music assessment week. FREE ADMISSION, bring your lunch if you wish. <http://www.nzsm.ac.nz>

Venue: Conservatorium of Music Concert Hall, Conservatorium of Music, Block 1, Wallace Street

Contact: Debbie Rawnsley

Ph: 463 6050

WN – Wednesday 6 June

12.15pm to 1.00pm

Model-Tracing Students' Study Habits

Dr Vive Kumar

Abstract: Like many of us, do you also feel the urge to find out about the content your students study, methods they use to solve problems, and study habits that affect their learning performances?

Students do spend plenty of time studying (!), using online mechanisms (!!), in conjunction with what goes on in classrooms, labs, and other locales of learning. It is quite possible to tap into their online study habits, of course with their permission, to observe their formal and informal learning interactions.

These observations inevitably lead to the development of computational models of study skills, which can then be put to use as tools of self-reflection for students or as tools of assessment for instructors. In this seminar, we will discuss a few cutting-edge model-tracing techniques with real-world examples.

Venue: Block 5, Level C, Room 12 Massey Wellington Wallace Street.

Contact: Jim Jones

Ph: 04 801 5799 ext 6719

WN – Thursday 7 June

6.30pm to 7.30pm

All-Star Fashion Auction for Women's Refuge

Top Wellington Fashion Designers

You are invited to a free wine and nibbles evening and fashion show at Creative HQ on June 7! Meet Wellington's top fashion designers, and bid on their unique donated garments to raise money for Wellington Women's Refuge. Be at Creative HQ, 25A Marion St, from 6:30 - 7:30pm on June 7.

Be in quick as spaces are limited!

RSVPs essential. Please RSVP by emailing Karlene@creativehq.co.nz or texting / phoning us on 0274656709 by 5pm on Wed May 30th.

This is a student event organised as part of the paper 219.209 Public Relations Practice.

Venue: Fashion HQ 25A Marion St Wellington

Contact: Karlene van Opdorp

Ph: 027 4656709

Notices

General Notices

editor@massey.ac.nz

Qualification Reviews

This notice is to invite submissions as part of the 2007 College of Education qualification reviews. The qualifications to be reviewed and closing dates for submissions are:

Graduate Diploma in Education/Postgraduate Certificate in Education/Postgraduate Diploma in Education, July 31

Graduate Diploma of Teaching (Primary), June 06

Te Aho Tatairangi, August 28

Certificate in Human Development September 18

These reviews aim to provide an opportunity for the University to continually enhance and improve its qualifications.

A panel of experts, internal and external, national and international will be brought together to conduct each review and consider relevant documentation provided by the university as well as oral and written submissions.

Should you have any queries on any matter relating to these qualification reviews, including making a submission please contact: Pat Hickson, Project Administrator, College of Education, Email p.hickson@massey.ac.nz

Qualification Review for College of Sciences

The College of Sciences is in the process of reviewing:

BSc Agricultural Science,

Animal Science,

BAppSc Agriculture,

Forestry,

Rural Valuation and Management,

MAppSc: Agr Engineering,

Ag & Hort Systems and Mgmt,

Animal Production,

Building Technology,

Pastoral Science,

Rural Development

in accordance with the Massey University Qualification Review Policy and Procedures.

The review process will seek to examine the relevance and appropriateness of the qualification objectives, structure and management, in addition to the mechanisms and procedures that support teaching, learning and assessment.

The review will be conducted in July 2007 and if you would like to make a submission regarding any aspect of the review, please do so before the final date for submissions, which is 8 June 2007.

Submissions are welcome in any written form, including email.

Please direct all such submissions and any other relevant queries directly to:

Rae Dewe
PVC's Office
College of Sciences
Massey University
Private Bag 11-222

Massey News Online

If you want to read the latest in news from Massey University, complete with colour pictures and video clips, or if you want to sign up for one of an expanding range of e-mail newsletters, visit us online.

@Massey National

A fortnightly newsletter with the latest in news and research from the University's three campuses in Auckland, Wellington and Palmerston North.

@Massey Manawatu

A fortnightly newsletter providing news of interest to the Manawatu community, including cover of events and activities at the Palmerston North campus, as well as wider University news.

@Massey Business

A quarterly newsletter providing a snapshot of business news of value to the business community, from across the University.

@Massey Arts

A quarterly newsletter providing news of events and activities in design, fine arts and music, of particular interest to the Wellington arts community.

See for yourself what makes *Massey News* one of New Zealand's most popular news sites.

<http://news.massey.ac.nz>

Submission of notices and events:

Submission of event notices should be made through the events website: <http://events.massey.ac.nz> by 12 noon Monday prior to publication.

All general notices should be sent to the editor editor@massey.ac.nz

Next deadline: Friday 1 June 2007 (due to Queen's Birthday)

28 Haratua 2007 - Issue 6

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Notices: All notices should be sent to editor@massey.ac.nz by Monday prior to publication. Event notices should be submitted to the web - <http://events.massey.ac.nz> and classifieds to <http://ads.massey.ac.nz> (please note that classified advertisements are a service for University staff. These are not published in the print edition of Massey News.

Advertising: All classified advertisements, including accommodation, are now available online at <http://ads.massey.ac.nz>

For paid advertisement enquiries, contact the editor.

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Contact:

Director of Communications and Marketing:

Rachel Donald
email: r.j.donald@massey.ac.nz
Tel 06-350-5562 or 027-494-9077

Communications Manager:

James Gardiner (Palmerston North)
email: j.c.gardiner@massey.ac.nz
Tel 06-350-5255 or 021-275-3394

Communications Advisers:

Helen Vause (Auckland, College of Business)
email: h.e.vause@massey.ac.nz
Tel 09-414-0821 or 027-540-0701

Di Billing (College of Business)
email: d.e.billing@massey.ac.nz
Tel 06-350-5095 or 027-453-4562

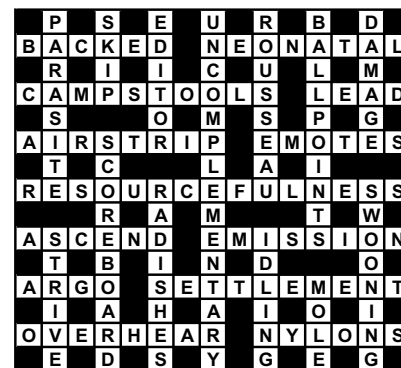
Lindsey Birnie (College of Sciences, College of Humanities and Social Sciences)
email: l.birnie@massey.ac.nz
Tel 06-350-5185 or 027-534-5622

Kereama Beal (College of Education)
email: k.beal@massey.ac.nz
Tel 06-350-5019 or 027-471-8571

Patrick Morgan (Wellington, College of Creative Arts)
email: p.j.morgan@massey.ac.nz
Tel 04-801-5799 ext 6653 or 027-563-4733

Electronic Publications Coordinator:

David Wiltshire
email: d.wiltshire@massey.ac.nz
Tel 06-350-5370



Last issue's crossword solution #5



Graduation

When Rachael Tinirau (Whanganui, Ngāti Tūwharetoa and Ngāti Rangi) graduated this month with a Bachelor of Arts majoring in Māori Studies and Psychology, she was not the only family member to cross the stage. Joining her was her eldest son, Rāwiri, who graduated with a Postgraduate Diploma in Business & Administration and is a lecturer in the Department of Management.

Palmerston North



Doctors of Education Rosanne Parsons, and Edna Tait enjoy their success with colleagues and friends at the Square.



Melanie Taylor and son Campbell celebrate Mrs Taylor's graduation with a Masters of Nursing. Mrs Taylor had completed about half of her required papers when her husband, policeman Duncan Taylor, was fatally shot near Feilding in 2002. Mrs Taylor also received her BA majoring in nursing from the University in 1998, after working as a nurse in the years since completing her registered nurse training at the then Manawatu Polytechnic.



Husband and wife Jeremy and Michelle Bryant didn't plan to follow in each other's footsteps in the walk across stage to receive their PhDs, but when the possibility arose they grabbed it.



Vice-Chancellor Professor Judith Kinnear congratulates sculptor Paul Dibble who was awarded an honorary doctorate in fine arts.



Dr Peter Snell joined the procession of staff and graduates to the Square.