Massey News

Auckland • Palmerston North • Wellington • Extramural

Te Pürongo – 18 Hereturikōkā, August 2008 Issue 12



Te Kunenga ki Pürehuroa



Six steps to improve Māori reading



Picture books aid to children's literacy
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Turbos base at campus White House **Page 13**



Matthew Brodie (centre) tests equipment on Mount Ruapehu.

Motion capture system scoops national science award

A revolutionary motion capture system that tells skiers how to race faster has won Massey PhD researcher Matthew Brodie the Future Science and Technology honours at the MacDiarmid Young Scientists of the Year Awards.

Mr Brodie, who is studying biomechanics based in Wellington, was also named runner-up for the overall MacDiarmid award at a ceremony in Auckland on Thursday night..

A former speed skier, race coach and instructor as well as a graduate in engineering, Mr Brodie has pioneered a system which tracks the movements of a skier using a network of lightweight sensors strapped to the body. The fusion motion capture technology uses 15 motion sensors attached to the skier, producing data that can be used to adapt technique to enable the skier to go more quickly.

"Before I started this I worked as a ski instructor and as a ski race coach and on ski patrol in Japan," Mr Brodie says. During that time I was exposed to different so-called ski methodologies – different views of how people should ski. But my previous training was as an engineer and when you look at the task of skiing down a slope it is governed by simple scientific

equations, such as your change in height in relation to your final velocity. It seemed to me that these different ski methodologies were maybe more mythologies and didn't take into account the science behind the technique."

Measuring performance using traditional methods – multiple cameras placed around the ski run, around 40 cameras for just one kilometre – proved impractical due to the limited data capture and long set-up time. Massey University funded a new measurement system, but the software needed to process data was unable to cope with the rapid direction changes experienced while skiing.

"It was a big setback when I found that didn't work but every cloud now has a silver lining and I can now use the fusion motion capture I have developed to capture data on many sports – it's serendipity really."

The system uses inertia monitoring sensors attached to a skier's limbs, a GPS receiver in their helmet and pressure sensitive insoles in their ski boots. After data is transmitted to a central hub on the athlete's torso, data

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Motion capture system scoops science award

from cover

fusion algorithms are used to calculate their position on the slope and direction. A computer then converts the data into animations, allowing comparison between competitors and analysis of where speed gains were made.

Although the system has been designed for skiing, it can be used in any sport, and with its flexibility will be suitable even for sports where longer distances or difficult terrain have made traditional cameracaptured data impossible.

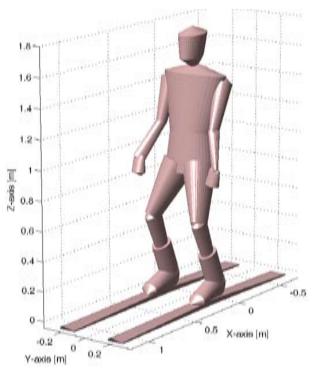
As well as his interest in skiing, Mr Brodie says he chose ski racing for his research because it had a straightforward performance measure. "The fastest time through the course is the best."

Interest in the project is coming from around the world, and Mr Brodie has trialled his system on Mt Ruapehu with two members of the national alpine ski team and in Italy, in collaboration with Padova University and ski equipment manufacturer Nordica.

"Ultimately I can see many more applications," he says, "such as preventing falls in the elderly population, ergonomic equipment design, entertainment and even the design of transport systems to minimise energy consumption."

Mr Brodie was sponsored by the International Ski Federation to present his work in Austria at the Fourth International Congress on Science and Skiing at end of last year. He received an innovation award, a factor he believes was considered in naming him the future science and technology winner and overall runner-up.

"Success builds on success, and part of the criteria is to show your



Biomechanical man is the athlete-specific body model.



Scientist Matthew Brodie models the sensors on his race helmet.

research is getting international recognition and putting New Zealand at the forefront of that area."

The MacDiarmid Awards are presented each year by the Foundation for Research, Science and Technology, sponsored by Fisher & Paykel. Mr Brodie receives a cash prize of \$5000 and a travel grant to attend a science event in Australasia. He says he will use the travel to attend the Congress of the International Society of Biomechanics in South Africa next year.

Mr Brodie was brought up in Palmerston North and attended Awatapu College. His father Professor Andrew Brodie is a lecturer in chemistry at the University's Palmerston North campus, and was last year himself a winner, taking the New Zealand Institute of Chemistry academic research prize for his research into the chemistry of transition metals.

Mr Brodie's PhD supervisors are Dr Alan Walmsley, from the University's Institute of Food, Nutrition and Human Health, and Dr Wyatt Page from the School of Engineering and Advanced Technology.

Mr Brodie's work can be viewed at www.youtube.com/BrodieMAD Details of the MacDiarmid Awards can be found at http://www.frst.govt.nz/awards-and-events/MacDiarmid-awards

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St Francis Xavier's School principal and teacher Bernadette Murfitt is wired for sound.

Give teacher the mic and kids get better results

Researchers have found that connecting teachers to a sound system can dramatically increase pupils' test results and reduce classroom disruption.

Using a radio microphone and transmitter, a sound field system, which transmits what is said to all parts of a room, ensures pupils can hear clearly and teachers do not have to strain their voices.

Dr Stuart McLaren from the Institute of Food Nutrition and Human Health and Dr Steve Humphries from the School of Psychology surveyed teachers and tested pupils and classroom acoustics at primary schools in Auckland and Wellington.

They recorded increases of up to 60 per cent in the number of correct answers in tests given to pupils when the system was in use.

Teachers also revealed significant improvements in attention, co-operation and understanding of verbal instructions among pupils.

They reported major improvements in behaviour and quieter classrooms. They also

noticed they were less likely to strain their voices to be heard and, as a result, had a reduced likelihood of fatigue.

The research was funded by a private education trust, which is considering investing a significant amount in sound field systems for schools and wanted independent data to prove their efficacy. Installation of the system costs between \$1500 and \$2000 per classroom.

In one classroom in the trial, pupils' ability to hear and interpret instructions from the teacher was tested with and without the system.

Dr McLaren says the research differs from previous New Zealand studies in that it tested systems when noise was introduced to the classroom to imitate heavy traffic and heavy rain.

Even in quiet conditions, with pupils listening attentively, a significant improvement was noted with the number of correct scores in the listening test obtained with the system turned on. In a noisy classroom, results were more dramatic.

St Francis Xavier's School in Tawa was the Wellington school that took part in the research.

Principal and teacher Bernadette Murfitt says the system, which has been installed for nearly two years, is easy to use and means every child is able to hear his or her teacher speak. "It's made a big difference for our children.

Dr McLaren says the positive feedback from teachers was echoed by the pupils at the Auckland school were the research was conducted. A system was installed at the school specifically so the research could be conducted.

"Their disappointment when they learnt the system was only on trial and might be removed said it all," he says.

Dr McLaren, who researched noise levels in early childhood education centres for his PhD, is now keen to investigate the use of sound field systems in early childhood centres. He hopes the schools research will be published in national and international journals.

Students net \$280,000 worth of scholarships

A study to determine how different types of depression respond to treatment is one of three Massey research projects to receive nearly \$280,000 in Top Achievers Doctoral Scholarships announced this month by Tertiary Education Minister Pete Hodgson.

Auckland campus postgraduate student Kimberly Good has been awarded \$99,682 for her study, titled *Is the Black Dog Really a Dalmatian?*— an investigation into whether different types of depression lead to different outcomes through cognitive behaviour therapy.

Ms Good was also recently awarded a \$30,000 William Georgetti scholarship to help her complete her doctor of clinical psychology over three years. The other recipients are Jing Wang and Tilman Davies, both based at Palmerston North.

Ms Wang, from the College of Sciences' Information Systems

Department, receives \$90,034 for her study, *Modelling Data-Intensive Scientific Workflows for Lab Automation in Analytical Research.*

Mr Davies, from the College's Institute of Fundamental Sciences, receives \$86,750 for his research project, Semiparametric Methods for Spatio-Temporal Modelling in Epidemiology.

Mr Hodgson says the awards, 32 of which were announced nationally, recognise that a healthy and vibrant research sector is essential for the nation's economic and social development.

"This round of scholarship recipients represents a rich variety of disciplines," he says. "While some research will contribute directly to innovation, other topics will help us to gain important insights into our society and culture, giving us a deeper understanding of the way we live."

English professor to take up residency

Professor Richard Corballis from the School of English and Media Studies has been selected for one of two residencies at the Michael King Writers' Centre in Auckland.

Professor Corballis, from Palmerston North, will use his six weeks at the centre to work on a biography of leading playwright Bruce Mason.

He has written several previous books, numerous academic articles, reviews and two radio plays.

The residency is for six weeks, with a \$6000 allowance attached. The residency is funded by the Michael King Writers' Centre and Creative New Zealand.

Second lecture in Agriculture series

Professor of Environmental Sciences Surinder Saggar will give the second Massey Agriculture address of 2008, entitled *Climate* change - Chasing the hot and the laughing gases in agriculture.

Globally, agriculture is one of the largest sources of greenhouse gas emissions, and in New Zealand, contributes about half the nation's total emissions, predominantly from the two non-CO2 gases, methane (hot) and nitrous oxide (laughing).

Professor Saggar's talk will address the soilatmosphere exchange of these two non-CO2 gases in New Zealand agricultural systems and explore the options for mitigating these gases, as well as identifying current gaps and limitations.

The address will take place on 27 August, in Palmerston North.

Humanities hosts half-day symposium

The College of Humanities and Social Sciences is hosting a half-day symposium on the use of the Adobe Connect web-conferencing and presentation system, to be held on the morning of Tuesday 2 September in SSLB1 at the Palmerston North campus.

The Connect-Ed symposium will feature presentations by staff from around the University outlining ways they have used the system for teaching, communication and collaboration.

The emphasis will be on how the technology has been incorporated into teaching, support and collaboration as opposed to demonstrations of the technical functionality of the system.

More information including online registration can be found at http://elearning.massey.ac.nz/connect/symposium.html

Radical steps needed to improve Māori reading says specialist

A literacy specialist has suggested six steps that could see Māori children lead the world in reading within a decade.

Professor Tom Nicholson told a recent education conference in Christchurch that Māori were falling behind in reading but could be "number one in the world" by 2018 if education authorities, teachers and parents adopted the steps for improvement.

Professor Nicholson, who co-heads the University's Centre of Excellence for Research on Children's Literacy, advocates teaching how to sound out words using phonics, which has been largely dropped by the New Zealand education system in favour of a "whole language" approach.

He says that approach is failing Māori children particularly because phonics is well-suited to learning to read Te Reo and would provide an easy transition to English.

New Zealand was first in the world for reading achievement in 1970, dropped to 13th in 2001 and was ranked 24th out of 40 countries and five Canadian states by the latest (2006) Progress in International Reading Literacy Study statistics.

Those results prompted Professor Nicholson to design a six-point recovery plan targeting Māori children.

"It appears we have an average education system where many children are not doing well — and where more than half of Māori boys are leaving school with not even a basic qualification," he says.

Solutions for reading improvement include higher pay for teachers of Māori children, extra tuition for Māori children who are lagging behind with reading and introducing a phonics-based approach.

Raising expectations of achievement are among steps needed to improve Māori reading levels, better research into improving the teaching of reading, and informing Māori parents about their children's literacy levels, were also needed.

Professor Nicholson says he does not believe low socio-economic standing – traditionally blamed for poor academic achievement – is the cause of Māori underachievement in reading.

He says research shows that in the 1830s, Māori were as literate as European New Zealanders. Historical accounts show Māori learned to read and write with impressive ease and were prolific letter-writers.

"New Zealand has many successful Māori politicians, writers, lawyers, and other professionals and business people, including many who have come from poor backgrounds yet have been able to achieve high levels of literacy."

His ideas, outlined out in a paper he presented titled *How to Get Māori to Number 1* in the world again by 2018, gained wide support at the Christchurch summit, Ngā Maata Waka



Professor Tom Nicholson.

21st Century Education Wānanga, with some participants planning to do marae-based reading assessments over the summer.

Expectations of Māori reading needed to change, he added. "When you look at reading scores for 10-year-old children in decile-10 schools in leafier suburbs, their reading comprehension is nearly a year above their chronological age.

"But in decile one schools in poverty areas, where there are many Māori children, their comprehension is nearly two years below their chronological age.

"We have to want Māori children to match the achievement of decile-10, the top echelon."

Professor Nicholson's proposed six steps to improved Māori reading achievement:

- Teach reading using phonics.
- Raise expectations and aim for decile-10 level of achievement.
- Extra tuition for Māori in need with specialist help in school and summer holidays.
- Pay teachers of Māori in low-decile schools more to keep and attract the best teachers.
- Inform and involve Māori parents in children's learning, and use local marae for testing.
- More research on how to improve reading and find out what really works best.

Pictures really do paint a thousand words

Literacy adviser Christine Braid has developed a teaching resource based on her belief that picture books develop literacy skills in ways not previously realised.

Ms Braid, from the College of Education's Centre for Educational Development, has just released *How do I Look? Exploring Visual Images and the Picture Book*, a book designed to help teachers using picture books in the classroom. "Techniques used by picture book artists add layers of meaning to the words," Ms Braid says. "Exploring the layers enables students to engage with and access the depth of the message."

She says some teachers have found that children who ordinarily seem unable to find a way to engage in literary activities, suddenly come forward with their own ideas, and she sees this as a perfect opportunity for picture books to help develop their literacy skills and reading comprehension.

The book explores visual elements and how these are used. The popular picture book *Where the Wild Things Are* is used as an example throughout. Elsewhere it suggests activities relating to the use of picture books and outlines specific learning opportunities to develop understanding of visual images.

"If we look at *Where the Wild Things Are*, we can see that from the beginning, the picture frame actually becomes larger with each page, but for what purpose? In this and other texts we can explore such ideas as the colours used in the pictures, and the emotions they convey.

"Rather than use a stock set of factual questions relating to the text, these are the types of interesting discussions that teachers can initiate when examining picture books. They help children gather a richer understanding of the story and the children can then decide what it means to them."

The publication has been developed over more than six years and will continue to be updated. It has been produced by the University's Printery. Copies are available by contacting the author.



Christine Braid.

Early childhood teaching to address growing needs

A review of the University's early years education programme is being undertaken in response to what College of Education researchers say is a worrying trend in child literacy that sees one in four children having difficulty learning to read.

Associate Professor Claire McLachlan from the School of Arts, Development and Health Education says New Zealand's world literacy ranking of 24th has remained the same for the past seven years and a review of early childhood programmes and teaching practices is overdue.

The University has increased the primary school teaching degree programme from three to four years and now plans to do the same for the early years teaching degree programme, Dr McLachlan says.

"As well as building compulsory literacy and numeracy papers into our early years degrees, we will incorporate management components also.

"Manyteachers based within early childhood centres find themselves in management roles and it is a significant demand, particularly on those with no formal qualifications or training in management."

The early years programme ranges from birth to eight years old, in line with international teacher education programmes, which means there is an element of cross-over with the work



done by graduates of the primary teaching degree.

The Government has proposed making it compulsory in the next four years for all early childhood teachers to have recognised qualifications or at least be in training for

them. The current requirement is for half the teachers to be qualified.

Dr McLachlan says the goal, which may change depending which party leads the next government, is an important step to raising literacy standards.

The Ministry of Education pays early childhood centres more if they have a higher percentage of qualified staff – up to \$2 per hour more per child if all teachers are qualified.

Dr McLachlan says this is a good incentive for employers, their staff and the parents and caregivers of the children using a centre.

"It is also important that education programmes are equipped to prepare these teachers," she says.

"Young children are especially susceptible to suggestions and influences, so teachers must be well-prepared to support literacy in their programmes.

"We offer a high quality of teacher education at Massey. We teach face-to-face on campus, as well as on-line through web-based tools, which provide discussions, virtual classrooms and a sense of community that works well for people who can't commit to campus.

The accessibility of programmes, their unique and comprehensive material, and the strength of on-going research partnerships make the University well-positioned to promote better practice in the sector.

Olympic media under spotlight

The way athletes at the Beijing Olympics are portrayed by the media will be scrutinised by two University researchers.

Dr Sarah Leberman and Dr Farah Palmer, both senior lecturers in the Department of Management, will study how athletes are portrayed by media in New Zealand, China, Italy, South Africa and the United States.

Dr Leberman says they will look at a number of different aspects including how male athletes are shown compared with females and how team sports are portrayed compared with individual athletes.

"All athletes should really get the same coverage, for instance if both the women's and men's hockey teams are competing they should get the same exposure, but that may not be the case."

Female athletes are often portrayed differently to men, she says.

"Previous research suggests the number of photos of women is coming close to the number of men. But there is still the tendency for women to be shown off the court, or off the field, and the shots can be of a more sexualised nature."

Media in different countries is being studied to see if there are cultural differences in the way sport is covered.

"We're looking at 12 newspapers spread across the five countries, but are also recording the television news here in New Zealand to see how this country approaches its Olympic coverage," Dr Leberman says.

The study is being carried out in conjunction with researchers at the University of Minnesota.

School pupils in New Zealand will be interviewed and shown photographs of sports events to see information they glean

MPs to debate on campus

A living allowance for students and tertiary funding are hot topics on the agenda for a debate between the main political parties at the Auckland campus.

The debate, organised by the students' association, will be held on Friday to celebrate Political Awareness Day, an annual event at the Auckland campus.

Political representatives to take part are Labour's Hamish McCracken (candidate for Northcote), National's Wayne Mapp (MP for North Shore), the Green Party's David Hay (candidate for Rodney), NZ First's Dail Jones (candidate for East Coast Bays) and Act leader Rodney Hide (MP for Epsom).

The debate is from noon to 1pm, at the Study Centre Auditorium.

Paper casts a spell over students

Charms and curses have been flooding into the office of Dr Gina Salapata, but the senior classics lecturer is happy to have them, along with the odd "voodoo" doll.

Dr Salapata, along with Dr Karen Jillings and Dr Chris van der Krogt from the School of History, Philosophy and Classics, is running a new extramural paper this semester entitled Magic and Witchcraft, which looks at how the supernatural has been revered and reviled through history.

Students study the use of sorcery in the classical world, medieval and early modern times and in colonial Māori culture as part of the 100-level paper offered extramurally.

Dr Salapata says the idea for the paper grew out of her background in classics. "I had thought it would be good to have a paper on magic and witchcraft in my programme and when one of my colleagues suggested the topic we decided to make it a collaborative effort."

The first assignments have arrived from the 120 students enrolled in the paper and Dr Salapata says marking them is already proving

"One of the options for the first assignment called on them to create a magical curse tablet or erotic charm and so far I've received everything from 'voodoo' dolls to elaborate curses."

However, the fanciful assignments must be backed up with research. "These things are not just made up," she says. "The format of a curse or spell must be based on real examples from the classical period and reflect the beliefs of the practitioners."

Paper co-ordinator Dr Chris van der Krogt



Dr Gina Salapata holds a "voodoo" doll.

says it provides students with an opportunity to develop their academic research and writing skills while exploring a fascinating topic. The lecturers are not advocating witchcraft but using the theme to open windows to past societies, he says.

"We are putting it in a historical context. I also teach about Christianity, but I'm not advocating it."

Dr Salapata says the paper is proving popular with students studying in other University programmes, and should provide them with an introduction to history, philosophy and classics, leading them to take other courses.

Communications research grant awarded for doctoral study

A determination to see not-for-profit organisations develop and implement

successful communications campaigns has attracted a grant from a leading communications agency for postgraduate student Fiona Shearer.

Ms Shearer, based in the Department Communication, Journalism and Marketing in Wellington, is the recipient of a \$1500 grant from communications firm Senate Communication Counsel for her doctoral study on adult literacy campaigns.

Annual grants from Senate support research that aims

to increase knowledge and understanding of communication and reputation management and promote communication research and evaluation.

Ms Shearer says a desire to see not-for-

profit organisations using the sophisticated communications strategies that are applied by

> practitioners in the corporate sector led her back to study.

> A graduate from Glasgow with a BA Honours degree majoring in communication, she had worked in Britain on communications campaigns for large events. In New Zealand she has worked in communications for Women's Refuge.

For her doctoral project,

Ms Shearer is examining publicity campaigns carried out in New Zealand by an organisation that promotes Fiona Shearer. adult literacy. Last year the Senate grant was awarded to master's student Mark Dittmer for his study of

the communications issues relating to the Mt



Ruapehu lahar.



Historian Helen McCracken points out some of the features of the University's Museum Building to Blyss Wagstaff, heritage advisor registration for the Historic Places Trust central region.

Historic Places check-up for Museum building

Tokomaru, the Wellington campus Museum Building, is having a checkup to ensure its Historic Places Trust status and data is up to date.

Historian Helen McCracken has been contracted by the trust to document changes to the building and take photographs.

"The building was first placed on our register in the 1980s; There has been a large amount of work and a whole new history has developed since then," Ms McCracken says.

Ann Neill, general manager for the central region office of the trust,

"Heritage and buildings are not static," Mrs Neill says. "They have

many lives and many changes. We want to support the owners in the continued enjoyment of the buildings and allow them use them in a functional way."

A report on the updated information will be prepared and will go to co-owners, the Wellington Tenths Trust and the University, for comment before being filed online. The building will retain its category one trust rating.

The Old Main Building on the Palmerston North campus also has a category one classification, while Craiglochart (Moginie House), Refectory and Wharerata are category two.

Fulbright for commerce professor

Socio-economist Professor Anne de Bruin has received a Fulbright New Zealand Senior Scholar Award for four months' research in the United States.

Professor de Bruin is based at the Auckland campus where she is a Professor of Commerce in the College of Business. She is known for her long-running research interest in entrepreneurship and has worked with a wide variety of industry groups and innovators.

She says entrepreneurship is everywhere and is by no means just the province of the elite.

"As a culture, we are newly in love with the success of entrepreneurs and the concept of entrepreneurship, but there is little empirical and theoretical research into its definition or into the conditions that foster it."

The Fulbright award will take Professor de Bruin to the leading entrepreneurship research and teaching institution in the United States — Babson College in Boston.

While there she will also take the opportunity to interact with other researchers at neighbouring Harvard University and the Massachusetts Institute of Technology. She plans to design



Professor Anne de Bruin

a cross-cultural research programme to investigate entrepreneurial activity in the creative industries.

"In New Zealand, as in other countries, the creative industries are acknowledged as an integral facet of the knowledge economy and crucial to the country's global positioning.

"Understanding of entrepreneurship in this area, however, is negligible, and there is an urgent need for research."

She will also take the chance to "brainstorm" with international researchers on the creation and origins of opportunity.

"Opportunity is central to entrepreneurship but the existence of opportunities is often taken for granted."

Professor de Bruin leaves for Boston in October and says she is delighted to have a period of research time with leading United

States scholars and to have the opportunity to be a cultural ambassador for New Zealand.

Knockback to grocery giants is 'good news'

Consumers have won out from the Court of Appeal decision preventing supermarket giants Woolworths and Foodstuffs attempting to take over The Warehouse, says senior economics lecturer and competition specialist Dr Simona Fabrizi.

Dr Fabrizi says takeovers would have been part of a strategy to pre-empt increased competition in grocery retailing from The Warehouse, which plans 15 new stores with grocery divisions.

The court made the ruling after an appeal by the Commerce Commission against a High Court decision that would have allowed the retailers to lodge takeover bids.

Woolworths (Progressive Enterprises) and Foodstuffs account for 99 per cent of the grocery market in New Zealand and each has a 10 per cent stake in The Warehouse.

Dr Fabrizi says if either retailer succeeded in a takeover it would have made it very unlikely that any third competitor could enter the grocery market in New Zealand.

"There are high barriers to entry in this market and allowing the takeover would have been a way of guaranteeing that the incumbents could continue to enjoy high profits," she says. "The market would have become less competitive and therefore the consumer would have lost out."

She says she is surprised the decision process went through so many legal steps before the Commerce Commission's position was upheld.

Although Woolworths and Foodstuffs have slim margins, it is possible that in fact they enjoy substantial margins because the degree of competition where the two are already dominant players is not as intense as pure duopoly competition would imply.

"I think the move to lodge takeover bids was a clear case of pre-emption by the two giants who want to maintain the market situation as it is. Even though The Warehouse planned to roll out only 15 stores, these would have only been the beginning of possible further expansion."



Nutrition information labels lost on consumers

The nutrition labelling system carried on food packaging for over five years is having little impact on consumers' product evaluations, research suggests.

As policy makers consider whether alternative approaches to nutrition labelling could improve diet and cut obesity rates, Massey researchers have sought to evaluate how presenting nutrition information in different formats affects the ability of consumers to recognise healthy and less healthy food profiles.

Marketing PhD student Ninya Maubach, working in conjunction with marketing professor Janet Hoek, carried out an experiment with nearly 300 consumers in Palmerston North, presenting them with breakfast cereal packs carrying nutrition information in three different formats. The findings earned Ms Maubach a student 'best paper' award at the 2008 International Nonprofit and Social Marketing Conference held at the University of Wollongong recently.

Ms Maubach says that although nutrition panels are now mandatory on many food products, she and Professor Hoek were concerned that consumers may not understand much of the information available. The researchers tested two 'frontof-pack' nutrition labels, and compared the performance of these to the currently used information panels.

In some conditions, participants saw a breakfast cereal packet displaying the Traffic Light Label format developed by the British Food Standards Agency, which is favoured by consumer lobbyists in New Zealand and Australia.

The Traffic Light Labels (a system not in use in New Zealand) rate fat, sodium and sugar content in food with an eye-catching red, orange or green dot, intended to signal high, medium or low levels of these nutrients in the product.



The other two packs presented for the experiment were a standard control pack and another version of a nutrition information label including the "per cent daily intake" label now voluntarily incorporated on packaging by some manufacturers.

Irrespective of the information format they saw, consumers arrived at similar evaluations when viewing a healthier breakfast cereal. However, those exposed to the Traffic Light Label made more accurate evaluations of the less healthy cereal and were better able to differentiate between the healthy and less healthy options.

"This is a very important finding, given the need to help consumers identify high fat, sugar and salt food to manage or reduce energy consumption," Ms Maubach says.

Top award for flying instructor

The Civil Aviation Authority's top flying instructor award has been won by the Deputy Chief Flight Instructor at the University's School of Aviation, Paul Kearney.

The award is presented to an instructor who has demonstrated outstanding dedication and made a significant contribution to the quality of flight training.

Mr Kearney's association with the University began in 1992 as a student at the school. In 1999 he returned as an instructor and in 2005 he did further training to gain an A Category flight instructor's rating, joining the



Deputy Chief Flight Instructor Paul Kearney receiving the top award for flight instructors at the Aviation Industry Association Conference Awards Dinner in Tauranga.

elite ranks of the country's best instructors.

In 2006 he completed training in quality assurance and was subsequently appointed to the role of Quality Assurance Manager at the school, a position he holds in conjunction with his role as flight instructor.

In 2006 the Chief Flight Instructor at Massey's School of Aviation, Mark Carter, received the top award and last year the recipient was Mark Woodhouse, an adjunct lecturer at the school.



Professor Virk (right) and a colleague with the Robug 3, a robotic climbing spider he helped design and build when he worked in England more than a decade ago.

Lecture explores robots as servants and saviours

Climbing and walking robots are likely to serve us and save us in the future, according to Professor of Robotics Gurvinder Singh Virk.

Professor Virk, who is head of the School of Engineering and Advanced Technology and based at the Wellington campus, gave a lecture last Thursday: Climbing and walking robots - our servants of the future?

Professor Virk says although robotics as a discipline is only 40 years old, robots have already moved forward significantly from early industrial versions developed in the 1960s.

"Fixed-base robots are really boring, but when you add mobility, legs or wheels, they become little creatures," Professor Virk says.

The new type of robot being developed is a service model, which will help people in their homes. Engineers in countries with rapidly ageing populations are working particularly hard to advance domestic service models, he says.

"This will be a domestic assistant robot and will interact in a close and personal way," Professor Virk says. "Robots for personal care will be available in some places in about three years."

Professor Virk is also director of the Massey University Engineering Assisted Surgery Research Centre.

"Natural progress will mean there will be a robot able to climb inside the body and help the surgeon," he says. Highly technical robots are also being developed to rescue people after natural disasters.

Professor Virk is chairman of CLAWAR, Climbing and Walking Robots, which will hold its annual conference in Portugal next month.

"The reasons we're fascinated with robots is they can do what all creatures do: sense the environment, make decisions, and take action."

The University plans to launch the Massey Robot Society at the end of the month. Secondary pupils nominated by their schools will get the chance to work on robotics projects after a period of training at the Wellington campus.

Professor Virk's lecture followed one by Associate Professor Tony Whincup a week earlier on *The Threat of Climate Change to Indigenous Knowledge - A Case Study on Notiruru, Kiribati*, which was attended by 130 people.



Georgina Gatenby from Wellington East Girls' College collects a water sample from one of the tanks at the University's Roof Water Research Centre.

Rainwater harvesting project a joint effort

The University has played a vital part in the launch of a rainwater harvesting project at Wellington East Girls' College.

Roof Water Research Centre director Stan Abbott spent a week with 52 year-10 pupils, teaching them the benefits of rainwater harvesting, as well as how to test water samples.

Mr Abbott says the project is about being enterprising and innovative about learning. "This was not just about something in a text book; it was hands-on learning."

It was also about forging connections between the University and community. College principal Sally Houghton says the project "signifies, above all else, the power of collaboration.

"Our students think differently about the world as a result of your contribution," she told University staff and project sponsors Environmental Diagnostics, Devan Plastics, Marley New Zealand and WaterGain.

Wellington Mayor Kerry Prendergast endorsed that when she officially launched the college's rainwater harvesting project earlier this month.

"It's wonderful to see university, private sector and schools working together." The project was also "entirely in line with the council's vision for a green capital city".

The opening coincided with the installation of six 1000-litre rainwater tanks at the college.

To read the latest in news from Massey, complete with colour pictures and video clips visit us online: http://news.massey.ac.nz



Professor Jyh-Bang Jou.

New professor joins property group

The University has appointed a new Professor of Property in the property group within the Department of Economics and Finance.

Professor Jyh-Bang Jou is based at the Auckland campus.

Professor Jou comes from the National Taiwan University, where he received his bachelors and masters degrees and was most recently a professor in the university's Graduate Institute of National Development.

Professor Jou gained his PhD in Economics from the University of Chicago in 1992. He was a visiting scholar in the Department of Finance at San Francisco State University in 2001 and, in 2006, he gained professional experience as a certified financial risk manager.

Professor Jou has published extensively and last year received two "best paper" awards at international conferences for academics in property research. He will teach contemporary issues in real estate.

Children central to future society

Children's Commissioner Dr Cindy Kiro presented a lecture last month in Wellington to highlight the importance of Māori and Pacific children to New Zealand society in the future.

Entitled, Challenges for the Future — Opportunities for Māori, the lecture was held as part of Massey's Te Mata o te Tau (Academy for Māori Research and Scholarship) lecture series.

The lecture covered the demographic changes that will see the status of Māori children change. "New Zealand society will become more dependent on an increasingly small population of children, a larger portion of who will be of Māori and Pacific descent, while the rest of the population ages," said Dr Kiro.

"This is occurring during a time when we are grappling with international issues such as climate change, the rise of religious fundamentalism and associated security risks from this, and with changing technology. There are also considerable challenges within whānau, Māori communities and New Zealand society in dealing with issues that shape opportunities for Māori children and young people, including violence and poverty."



Lecturer and PhD student Agnes McFarland outside Te Kupenga o Te Mātauranga Marae at the Hokowhitu site in Palmerston North.

Scholarship cloaked in te reo

Te Kākahu Whakataratara, or the adorning cloak, is the title of a PhD thesis being written in Māori that will explain, support and promote the scholarship contained in te reo Māori from a tribal perspective.

Lecturer and PhD student Agnes McFarland is of Tūhoe, Ngāti Awa, Ngāti Maniapoto and Samoan descent. She is the oldest of 14 children and was brought up by her Tūhoe great grandparents. She shared her childhood with 18 matāmua (first born) grandchildren, and was the youngest of the group.

Ms McFarland grew up in the Rūatoki valley and was saturated in tikanga (customary concepts), where te reo Māori was the language of communication, except at school, particularly by her koroua Te lwikino Wiwi and kuia Emere Kepa.

She says she has seen many instances where informal language reserved for the kāuta (cooking shed) is used on the marae ātea — the area reserved for formal speech making, or when karakia (blessings) for food are used out of context, and wants to provide examples for the generations of speakers who missed out on this knowledge — she uses these fond memories in her teaching classes, including the students she teaches as part of the University's, Māori immersion teaching programme — Te Aho Tāitairangi.

"I've seen people transfer what they are talking about in the kitchen to the marae ātea. The aim of this research is to help capture, transmit and revitalise the genre, and provide some examples for coming generations of what is tapu and what is noa, and of where and how to use genre," she says.

Ms McFarland's research will focus on four language domains and also talk about the formal and informal elements: te reo kāuta—the informal entertaining, humorous, language used when preparing kai, free flow language; te reo o te marae—formal language, used for whaikōrero or speechmaking and whakapapa or genealogy; te reo tohunga—the language used for dedication including births, naming, deaths, kai, marriage, dawn, and dusk; and contemporary language.

The concept of poroporoaki (farewell to those who have passed on) was covered in Ms McFarland's masters thesis, also written in Māori and will feature as a chapter in her doctoral thesis.

Another aspect of her research will cover the marae-based apprenticeship and learning process, male and female roles, karanga and whaikōrero (speechmaking).

Ms McFarlanad has a teaching background in early childhood education, and a conjoint degree from Wellington Teacher's College and Victoria University majoring in Māori and Art.

After qualifying she taught at Titahi Bay Intermediate School in the Māori immersion unit for two years before joining Massey where she also completed a Master of Arts in Māori. She has worked at Massey University since 1995.

She has been working on her doctoral thesis for about a year and lives at Ohingaiti, about an hour's drive from the Palmerston North campus. Her son, Ariki McFarland-Ratu, is also studying at Massey, and is in his second year of the Bachelor of Māori Visual Arts programme.



Margaret and George Fergusson at Fergusson Hall, Palmerston North, with Massey's Professor Andrew Brodie.

Fifth generation of Fergussons visit Massey

British High Commissioner George Fergusson visited the Palmerston North campus on Saturday, walking in the footsteps of his father and grandfather, who both have Massey connections.

Mr Fergusson's father, Sir Bernard Fergusson, and grandfather, Sir Charles, both served as New Zealand governors-general. In 1964 Sir Bernard opened the new Fergusson Hall, named in his honour, adjacent to the Palmerston North campus, while Sir Charles laid the foundation stone of the University's Old Main Building on 4 December 1929.

Professor Andrew Brodie, chairman of the Presbyterian Educational Purposes Trust, which owns Fergusson Hall, invited Mr Fergusson, his wife Margaret and daughter Lizzie to the annual hall dinner held at Caccia Birch House on Saturday night.

The group was hosted during the afternoon by acting Deputy Vice-Chancellor (Palmerston North) Dr Sandi Shillington and was joined by Vice-Chancellor Designate Steve Maharey and Dean of the Graduate Research School Professor Margaret Tennant for lunch at Wharerata.

After a tour of the redeveloped campus heart precinct, the Fergussons visited the campus heritage precinct including Tiritea House, McHardy Hall, Refectory Building and Old Main Building.

After the campus, the Fergussons visited the nearby Number 4 Dairy Farm before having afternoon tea with head of Fergusson Hall Simon Cayzer and students.

Fergusson Hall was originally home to the Keiller family. It was built in 1908 by Edwin Keiller, a member of the Dundee marmalademaking family.

The home, named Atawhai, was designed by Charles Tilleard Natusch, who also designed Wharerata. It had 17 large rooms featuring New Zealand and Australian native timber.

When it was built on the high ground above Palmerston North and the sheltered Tiritea stream basin, which later became the first campus of the University, Atawhai was surrounded by a 21ha estate, including orchards, gardens and a small farm. Atawhai was occupied by Keiller's family until in 1963, when it was bought by the Presbyterian Educational Purposes Trust to be used as a hostel for students.

The Old Main Building foundation stone laid by Sir Charles can still be seen in the northern corner of the building.

Mr Fergusson was educated in New Zealand and returned on a working holiday before taking up a post in a law office in Scotland. He joined the British Civil Service, initially working for the Northern Ireland Office, and has been a diplomat both in the UK and overseas. He is a former head of the foreign policy team in the Cabinet Office in London.

Fergusson Hall is home to more than 90 students, and is still run by the Presbyterian Educational Purposes Trust in association with the University.

Massey equestrians help beat Australia

Students Chloe Akers and Caroline Parkes provided two clear rounds to guarantee New Zealand retained the trans-Tasman Young Riders Shield recently.

The pair is part of the team that defended the shield, which is contested twice a year against a Queensland team, at Toowoomba west of Brisbane.

Both Ms Akers and Ms Parkes were selected for the New Zealand team based on their outstanding results during last summer's showjumping competitions.

The University has a focus on developing equestrian sport, through its academic programmes, equestrian facilities and athlete development programmes.

Massey has a long history of equestrian success with previous students including Olympic representatives and medallists Andrew Scott and Sally Clarke. Former student Heelan Tompkins represented New Zealand at the Olympic equestrian competition in Hong Kong.

Ms Akers and Ms Parkes are both part of Massey's elite athlete development programme.

Sport development officer Kelly Rofe says it is great to see riders developing their potential with the University's support.

"Massey is fortunate to have 23 athletes and recent graduates competing at this year's Olympics and we look forward to further



Chloe Akers in action at an earlier event.

international representation and possibly future Olympic representation from both Chloe Akers and Caroline Parkes."

Research agreement with Japan

A three-way agreement between the University of Tokyo's Graduate School of Agriculture and Life Sciences, Hokkaido University's Graduate School of Veterinary Medicine and Massey's Institute of Veterinary, Animal and Biomedical Sciences will see young Japanese scientists travel to the Palmerston North campus to train in the risk assessment of food-borne infectious diseases in animals and humans.

Institute head Professor Grant Guilford says the study will be undertaken through Professor Nigel French's Hopkirk Institute research programme and the Massey University EpiCentre.

Language teaching survey now online

A research project is under way to examine second language teaching in New Zealand schools.

All teachers teaching a second language (other than English as a second language) are invited to participate in an online survey which will provide data on the nature of the language teaching profession.

The survey is being conducted by senior lecturer Adele Scott of the School of Curriculum and Pedagogy as a part of her PhD research. Ms Scott is president of the New Zealand Association of Language Teachers.

"The data will be gathered in two stages," she says. "First, participants will be asked to complete an online survey to provide an initial set of information about their background including qualifications and experience.

"Results from this will inform the framework for the second stage, which will involve a limited number of case study interviews."

The online survey is available at http://www.nzalt.org.nz and must be completed by September 1.

Business taster for secondary pupils

More than 200 year-13 secondary school pupils spent a day at Palmerston North campus attending accounting and economics lectures recently.

It is the second year the College of Business has worked with the Commerce and Economics Teachers Association in the region to provide a taster designed to give the pupils an insight into tertiary study in accounting or economics.

They came from 11 schools from across Manawatu and Wanganui.



Lecturers from Brawijiya University in Indonesia enjoy some sunshine at the Wellington campus.

Indonesian lecturers back in class

Sixteen extra Bahasa Indonesian voices are on the University's Wellington campus in International Languages week.

The group of senior lecturers from Brawijiya University in Malang Province, Indonesia, have gone back to class at the campus.

They are attending three months of training at the University's Wellington-based Centre for University Preparation and English Language Studies.

The lecturers all have PhDs and work in a wide range of fields including economics, law, management and agriculture.

Their university is a similar size to Massey, with 30,000 students and 2000 lecturers.

Dr Djamhur Hamid, the group's spokesman, says Massey Wellington is a small but beautiful campus, and student numbers in lectures are much smaller than at Brawijiya, where classes have up to 70 students. Another noticeable difference was the cold. Average temperatures at home are 28deg.

He says children start learning English at age 12 in Indonesia but putting it into practice in everyday situations is a new experience for most of the group.

None of the visiting lecturers have been to New Zealand before, though some have studied in other countries including in France and Australia.

Language studies student takes up German scholarship

Second-year language studies student Anna Mansell faces sitting her Māori language exams in Cologne this year after taking up a scholarship to teach in Germany.

The 20-year-old, who is studying extramurally towards a Bachelor of Arts in Māori and German languages, leaves this week for nine months in the small town of Erkrath, near Dūsseldorf.

Ms Mansell, whose mother is German, says she cannot wait to get there.

"My grandparents live there and they're very excited to be seeing me again. I've been in touch with a couple of families in the town who are keen to host me while I'm there."

Ms Mansell will work 12 hours a week at a secondary school, teaching English, with the German Academic Exchange Service paying her a monthly allowance and contributing towards airfares.

She will continue her studies while in Europe.

"That means I'll have to sit exams in German and Māori language later in the year in



Anna Mansell.

Cologne, which should be interesting."

Senior German lecturer Dr Ute Walker, says the teaching scholarship is a fantastic opportunity.

"It's great for language learners because they don't have to be fluent speakers," Dr Walker says. "Anna will get work experience through teaching at the school but, more importantly, will gain cultural exposure while in Germany. It will provide opportunities should she wish to go back and work there after finishing her studies."

First-up win boosts Turbos' popularity with students

Promotional packs including tickets to every Manawatu Turbos home game have proven popular once again on the Palmerston North campus.

The sale of the packs was co-ordinated by Massey business studies student Rachel O'Connor, who is completing her practicum paper with the Manawatu Rugby Union. The practicum paper is compulsory for all students majoring in sports management.

The packs include tickets to the five Turbos games, a voucher for a Brazilian wax at beauty salon Studio31, vouchers for McDonalds and Downtown Cinemas and entry into the Bucket-head supporters' club, complete with green bucket.

Ms O'Connor has been selling the packs for several weeks and says they have been popular.

"Of course the Turbos' win against Canterbury in the first round has increased interest."

Her time at the rugby union was providing good practical experience.

"I'm thoroughly enjoying it. The experiences and the contacts I've made are very valuable and will help me pursue a career in the sports industry."

This season the Turbos have moved to training and management facilities at the White House at Massey's Palmerston North campus, next to the Recreation Centre and the Sport and Rugby Institute.

Manager Wesley Clarke says the team has enjoyed having all its facilities at one location.

"The White House is our $H\Omega$ now and it's great to have everything we need here. There are plenty of practice fields and the gym is just next door. Last year we had to drive to town for gym sessions, so having everything right here has cut down on travel time."

He says the management team has also made itself at home in the White House, while the grounds staff have provided the team with quality training grounds.

The team's presence on campus has also given an opportunity to students in the Department of Communications, Marketing and Journalism to put their studies into practice. The students are running TurboTV, part of the Manawatu Rugby Union website, and providing communications assistance to the team.



Rachel O'Connor sells a student pack to Waiopehu College student Lafi Williams during Open Day.



Turbos players Francis Bryant, Johnny Leota and Aaron Good outside the White House.

Science of sport projects rewarded with bursaries

The effects of energy drinks on sports performance, whether left-handed batsmen are better and if Olympic athletes live longer than the average person were among the diverse topics researched by secondary school pupils who attended a school sport symposium at the Auckland campus this month.

About 90 pupils from seven mostly North Shore schools attended the symposium on Monday. Organised by the Institute of Food, Nutrition and Human Health's Sport and Exercise Science division, it is designed to give potential students an opportunity to apply scholarly prowess to sport, wellness and health themes, and also to compete for bursaries worth a total of \$12,000 for sports-related studies at the University.

They worked individually and in pairs to prepare their research projects, which were displayed in the Recreation Centre. Awards included six bursaries valued at \$3000, \$2000 and \$1000, with three for degrees in Sport and Exercise study and three for Sport Business Management study with the College of Business.

Julia Buhs-Catterall, from KingsWay School



Julia Buhs-Catterall, from KingsWay School in Orewa, who won a \$3000 Massey bursary and ASB-sponsored prize for her study on how lung capacity and resting heart rate affect aerobic endurance, is pictured with senior lecturer Dr Ajmol Ali from the Institute of Food, Nutrition and Human Health.

in Orewa, won the \$3000 bursary for the year-13 sport and exercise science project. Sam Hanna, from Rosmini School, Takapuna, won a \$2000 bursary and Rebecca Watkin, from KingsWay, won \$1000.

For year-13 sport management: Laura Griffin and Rosalind McNeil of Long Bay College (\$3000), Aleisha Westerdal of KingsWay School (\$2000) and Layce Pereira of KingsWay (\$1000).

Years 10, 11 and 12 students were awarded prizes including an iPod nano, iPod shuffle

and sports packs for the best three projects for each year.

Special prizes were also given for the best injury prevention project (Ms Griffin and Ms McNeil), for best original research projectt (Vuk Stanojevic of Rosmini) and best presenation (Ms Westerdal).

Other schools involved were Glenfield College, Pinehurst School and Kristin School from North Shore and Selwyn College in Auckland City.

Massey People in the news

25 July

yahoo.com; Marlborough Express (28 July): Dr Chris Malone, from the Department of Economics and Finance, says it is a concern that the finance sector crisis has not been adequately addressed by the Government and the Reserve Bank, and any initiatives that help restore confidence in the financial system are worth being fast-tracked.

scoop.co.nz: Associate Professor Ross Hemera, from the School of Visual and Material Culture, is one of three Ngai Tahu artists that have helped build the new entranceway to Puketeraki Marae at Karetani, after years of planning. The project has also provided an opportunity for Professor Hemera to reconnect with his Ngai Tahu whānau.

scoop.co.nz: Professor Paul Moughan, from the Riddet Centre, has been invited to present the 2008 JM Bell Distinguished Lecture in Canada in September, titled The Functional Foods Revolution based on opportunities for agriculture in Saskatoon and Alberta

26 July

Manawatu Standard; Radio New Zealand (28 July): Dr Karen Jillings, from the School of History, Philosophy, and Politics, said when she was told about the Dannevirke Viking statue, Dannevirke should rethink the proposal.

Timaru Herald; Taranaki Daily News, stuff. co.nz (29 July); Marlborough Express (30 July); Hawkes Bay Today Northern Advocate/(31 July); The Press (1 August); www.ruralnetwork. co.nz (5 August); Timaru Herald (6 August); The Daily Post; Ashburton Guardian (7 August); The Press (11 August): Amy Jerram, an Epicentre masters student, is carrying out research with a questionnaire about the farming operation, experiences of the people and working dogs, the health of the dogs, and those dogs that have retired in the past year.

Manawatu Standard: Bronwyn Labrum, from the School of Visual and Material Culture, spotlights the poor and needy, past and present in her essay Hand-Me-Downs and Respectability, contained in the book Looking Flash – Clothing in Aotearoa New Zealand.

Timaru Herald: Professor Jacqueline Rowarth, from the Institute of Natural Resources, spoke to South Canterbury farmers at the Foundation for Arable Research's Farming for Our Future winter seminar, warning them that they face a major challenge in attracting Generation Y to a career in agriculture, and they will need sophisticated employment packages and an understanding of this generation's mindset.

28 July

clearnet.co.nz, www.nzdoctor.co.nz; The Daily Post (29 July); Otago Daily Times (30 July): Dr **Andrew Gilbey**, from the School of Aviation, says in an article in the New Zealand Medical Journal the use of the title "doctor" was not protected and people are able to call themselves a car doctor or a house doctor.

Māori Television: Veronica Tawhai, from the School of Māori Studies, has commented on the recent positive turn around for Highbury, where the Highbury Whānau Centre works collaboratively with the University to provide scholarships for Highbury whānau.

29 July

scoop.co.nz: Alanah Gibson, fourth-year Bachelor of Design student, has won the \$1000 knitted category in the Peugeot Hokonui Fashion Design Awards, with her crochet dress that was designed to reflect wanting something you cannot have or get to. Nina Weaver, from the Department of Fashion Design, says entering the awards is always a worthwhile goal, and it gives the students something to aim for and achieve rather than just the academic side.

The New Zealand Herald, Newstalk ZB, yahoo. com: Dr David Tripe, Director of the Centre for Banking Studies, says ANZ National's disclosure is no justification for any panic about bank safety, and he believes ANZ National is being relatively proactive in making sure they get the bad news out.

Breakfast TVOne, tvnz.co.nz, newstalkzb. co.nz: Dr David Tripe says in the grand scheme of things, ANZ and National Australia Bank are facing some reduction in profitability but that amount is small compared to the bank's annual profits, and with economic downturn banks will continue to announce write-downs of losses.

Manawatu Standard: Dan Fitzharris, veterinary science student, is part of the New Zealand Universities rugby team, playing a one-off match against American Universities in Wellington this month.

Newstalk ZB: Dr **David Johnson**, from the Joint Centre for Disaster Research, has commented on the recent bad weather in the country, and feels most people did the right thing and were prepared.

Radio New Zealand: Kane Hopkins, from the Department of Communications and Journalism, as commented on a new AUT study showing New Zealand has some of the keenest bloggers in the world, and feels people are very open online and behave in ways they wouldn't in real life.

radionz.co.nz: Dr **David Tripe** says there are no indications of any imminent problems with New Zealand banks.

30 July

The Dominion Post, stuff.co.nz, nominister. blogspot.com: Professor Claire Massey, from the College of Business, says New Zealand is littered with contradictory perceptions about the importance of the SMEs sector, and claims

that on one hand SMEs – companies with fewer than 20 workers – are the beating heart of the economy, and on the other, the sector is dragging back the economy.

Radio New Zealand, nzherald.co.nz, yahoo. com, www.3news.co.nz; Timaru Herald, Southland Times, Wanganui Chronicle/NZPA, Northern Advocate (31 July): Professor Ben Jacobsen, from the Department of Commerce, says the losses in super funds may last for a very long time, and the current losses are worse than those seen after the 1987 crash but the market should correct itself eventually.

The Dominion Post; Manawatu Standard, stuff. co.nz (4 August): **Bronwyn Tate**, a late Creative Writing lecturer, has had her novel Adams Ale launched three years after her death, which was completed in the days before her death from cancer in 2005.

Hawkes Bay Today: Professor Dorita Hannah, from the Department of Three Dimensional Design, is presenting a lecture at the Creative Hawke's Bay Lecture Series, based on the role international issues play in theatrical performance and how the theatre itself provides a place for crossing borders, forming alliances and making commentary.

nzbornchinese.blogspot.com; Radio New Zealand (2 August): Kerry-Anne Lee, from the Department of Art and Design Studies, has an exhibition called Home Made: Picturing Chinese Settlement in New Zealand, showing at Wellington's Toi Poneke Gallery, which is an exploration of Chinese New Zealand heritage.

31 July

Newstalk ZB, newstalkzb.co.nz; radionz.co.nz (3 August): Cathy Strong and Alan Samson, both from the Department of Communication, Journalism and Marketing, have criticised the loss of Levin's daily paper and say the demise of the daily newspaper means Horowhenua will lose the watchdog factor that a daily newspaper provides.

1 August

The New Zealand Herald, nzherald.co.nz: Ron Ngata, psychology doctorate student, has received \$75,000 to study how Māori seers, or matakite, can help people in or before they enter the mental health system.

North Harbour News; North Shore Times (7 August): Karen Stockin, from the Institute of Natural Resources, has just completed her doctoral research on the common dolphin, earning her the New Zealand nomination for a 2009 Unesco fellowship, and providing the first substantial scientific data on the species.

www.gallerymagazine.co.uk: Rychél Thérin, who has a Visual Arts Masters degree, has her new 30-piece photography exhibition on display at the Sir John Cheshire Gallery, which focuses on Rychél's travels over the last six months, revisiting the places of her childhood

and beyond.

Manawatu Standard: Dr Frazer Allan, from the Institute of Veterinary, Animal and Biomedical Science, has commented on the new surgical intern programme designed to encourage talented veterinary graduates to stay in New Zealand, and says to get that type of training offered in the programme, graduates would have to head overseas.

Ben Leitch, also from the Institute of Veterinary, Animal and Biomedical Science, is the first to start the intern programme.

2 August

The New Zealand Herald: Professor Bob Hargreaves, from the Department of Economics and Finance, says some of the 1.6 per cent fall in the national median rent level is attributed to would-be vendors who are renting their properties out instead after a 50 per cent drop in the volume of house sales.

The New Zealand Herald, nzherald.co.nz: Professor Bob Hargreaves, from the Department of Economics and Finance, says that the fact that AMP, which has always had a sound and conservative reputation, has been caught up in an ongoing flight to cash shows how far investor sentiment has soured.

The Press, www.stuff.co.nz: Taisia Huckle, from the Social and Health Outcome Research and Evaluation Centre is part of a study on teenage drinking, which has found that teenagers who live within a ten-minute drive of a liquor outlet are significantly more likely to drink, and says the younger participants are generally supplied with alcohol by their parents or relatives.

3 August

www.lisnews.org: **Tim Darlington**, from the Library Section, speaks about Massey being the first of the academic institutions in New Zealand to have its library adopt a discovery layer such as Encore from Innovative Interfaces.

4 August

Radio Live: Dr David Tripe has commented on the recent hint from Bill English that National may sell Kiwibank, and feels it would not necessarily be a bad thing as there is a considerable amount of money being pumped into Kiwibank by the taxpayer.

scoopco.nz: Professor **Bruce Glavovic**, from the School, of People, Environment and Planning, and Professor Murray Patterson, from the Centre for Ecological Economics and Research, have together edited a book recently released, titled Ecological Economics of the Oceans and Coats, an ecological approach to managing coastlines and oceans.

www.rnzi.com; www.ax-1.info (5 August); The Dominion Post (6 August): Tony Whincup, from

the School of Visual and Material Culture, has been awarded a Kiribati Order of Merit, for his research into Kiribati culture and artifacts. www.baybuzz.co.nz: Dr Mike Joy, from the Institute of Natural Resources, has given a presentation at the Havelock North Community Centre, regarding how bad-off New Zealand's

5 August

rivers are.

North Shore Times: Rob Creasy, sports scientist, has been training Kiwi Olympic triathletes Andrea Hewitt and Kris Gemmell at the French National Centre for altitude training, and monitoring their performances while they run, swim and cycles at 1800 metres altitude. Manawatu Standard; Gisborne Herald (7 August): Chloe Akers, Sports Academy student, and Caroline Parkes, are part of the NZ Young Rider Showjumping team, who successfully retained the Trans-Tasman Shield at the Toowoomba Showjumping Championships in Queensland.

Manawatu Standard, www.stuff.co.nz; Waikato Times/NZPA, Manawatu Standard (6 August); Ashburton Guardian (7 August) Professor Allan Rae, from the Department of Economics and Finance, says the collapse of the Doha world trade negotiations is bad news for New Zealand exporters, and New Zealand companies will have to wait for tariff cuts and quota removals that will enable them to grow their markets.

Radio Live: Dr David Tripe has commented on the recent announcement by AXA to put a freeze on withdrawals from its New Zealand Mortgage Backed Bonds fund, and feels AXA isn't doing itself any favours by suspending withdrawals as it also freezes up investments. www.feeds.beehive.govt.nz; Hawkes Bay Today (7 August): Professor Jacqueline Rowarth, from the Institute of Natural Resources, has been appointed to the New Zealand Fast Forward board, along with six others.

6 August

The New Zealand Herald, nzherald.co.nz: Dr James Watson, from the School of History, Philosophy and Politics, says there were a number of European powers with interests in the wider region by the 1740's, but economic priorities meant they focused on areas such as Indonesia, Micronesia and China, which his book The Quest for Origins: Who First Discovered and Settled New Zealand and the Pacific Islands, discusses further.

Professor **Kerry Howe**, from the School of Social and Cultural Studies, says although there is no evidence at all for European settlement in New Zealand until the late 18th century, conspiracy theorists would be pleased to hear of the possible arrival of Europeans before Cook.

Newstalk ZB: Claire Robinson, from the department of Two Dimensional Design, has commented on National being told to keep its MPs consistent if it wants to win the election, and feels it's a sign that things are going to be dirty in the campaign.

Manwatu Standard; Radio Live, Manawatu Standard, stuff.co.nz (7 August): Dr Sarah Leberman, and former Black Fern Dr Farah Palmer, both from the Department of Management, are studying the way female athletes are represented in the media during the Beijing Olympics, and will analyse coverage from twelve different media outlets in five countries to see how females are represented and if they are being taken seriously as athletes.

bFM Breakfast: Professor Peter Lineham, from the School of Social and Cultural Studies, notes that 880 Anglican bishops from around the world congregated at the University of Kent in Canterbury, for a once-a-decade meeting to discuss how the Anglican church should be run.

clearnet.co.nz, yahoo.com: Dr lan Laird, from the Department of Management, is the project leader for a study looking at ways of preventing noise-induced hearing loss, and says the figures show current controls and preventive programmes don't appear to be working.

7 August

The Dominion Post: Dr Richard Laven, from the Institute of Veterinary, Animal and Biomedical Science, has commented on an article in the Jakarta Post newspaper that says six cows imported from New Zealand had to be killed because they had Johne's disease, and states that Johne's disease is fairly common in almost every country.

Radio New Zealand: Dr David Tripe has commented on FINSEC's call for a major overhaul of lending regulation and consumer protection in the finance industry.

Manawatu Standard: Murray Hill, classics student, is the organiser of Catapault Camp, a programme focused on teaching students the history, theory and safe operation of pre-gun powder artillery.

www.nzlive.com: Dr Roger Lentle, senior lecturer at the Institute of Food, Nutrition and Human Health, discusses the questions surrounding the need for functional foods, foods with added nutritional benefit.

Manawatu Standard: Dr Wendi Roe, from the Institute of Veterinary, Animal and Biomedical Science, is to speak at the Forest and Bird Branch Night, to be held at Te Manawa Museum and Science Centre.

8 August

North Shore Times, stuff.co.nz: Professor John Raine, Deputy Vice-Chancellor, says the new six-level library at Albany campus will have

Massey People in the news

Notices

facilities beneficial for the more than 2000 postgraduate students who at the moment have nowhere near enough study space.

Radio New Zealand: Professor Anton Meister, from the Department of Economics and Finance, has commented on the question whether recession could be good for the environment, and believes selfishness will save the environment and we will change the way we live, being more conscious with what we buy, sell and eat.

9 August

The New Zealand Herald, nzherald.co.nz: Dr David Tripe says while other banks are still changing 50c for rival bank's customers to use their machines, it is only a matter of time before all big banks are charging \$1.

The Press: Associate Professor Ross Hemera, from the School of Visual and Māori Culture, has his art displayed at the Ngai Tahu exhibition, a collection of sculptural rock-art forms from a variety of media such as aluminium, ink, paper, wood and flax fibre.

Manawatu Standard, stuff.co.nz: Dr Christ van der Krogt, from the School of History, Philosophy and Politics, says the new magic and witchcraft paper's subject matter has made it popular with 120 students signing up this year, and this is the first time the paper is being offered extramurally.

TVNZ One News: PhD candidate William Sukala, from the Institute of Food, Nutrition and Human Health, along with a team of researchers is running a programme urging New Zealanders with diabetes to build muscle in order to burn calories and help with their affliction.

www.newstalkzb.co.nz: PhD student Ninya Maubach, says the best nutritional label is the Traffic light, which shows a red, orange or green dot to signal high, medium or low levels of sugar, salt and fat, and has found the type of label which is used in New Zealand makes no difference to consumer evaluations.

Research funding news http://www.massey.ac.nz/research/fops/fo.cfm

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Research Funding Coordinator

Funding Opportunities, PBRF Diana Young, d.m.young@massey.ac.nz ext. 81341

Funding Opportunities:

Society of Toxicology ColgatePalmolive Travelling Lectureship in Alternative Methods in Toxicology

Closes: 9 October Amount: US\$15,000

Road Safety Trust Road Safety Initiatives Closes: 20 October University of Arizona Ansel Adams Research Fellowship [Photography]

Closes: 31 October Amount: US\$2,500

Stapledon Memorial Trust Travelling Fellowship [Grassland and grassDrelated animal production]

Closes: 31 October

Amount: Cost of travel + subsistence

Association for Canadian Studies in Australia and New Zealand

Faculty Research Program in Australia and

New Zealand Closes: 1 November

Amount: CA\$2,600 airfare + CA\$800 per week

 $Neurological\ Foundation\ of\ New\ Zealand$

Travel Grants

Closes: 1 November, 1 March & 1 June

Amount: Up to \$4,200

Education New Zealand

New Zealand Postgraduate Study Abroad

Award

Closes: 1 November Amount: Up to \$10,000

Fulbright New Zealand Fulbright Travel Award

Closes: 1 November, 1 March & 1 July

Amount: Up to \$5,000

New Zealand Freshwater Sciences Society

SIL 1987 Trust Fund Travel Award

Closes: 1 November Amount: Up to \$2,000

Creative New Zealand

Toi Sgwigwialtxw Residency, North America

Closes: 7 November

Association for Canadian Studies in Australia

and New Zealand (ACSANZ)

Canadian Studies Postdoctoral Fellowship

Closes: 24 November Amount: Up to CA\$10,000

Third World Academy of Sciences (TWAS) TWAS/UNESCO Associateship Membership Scheme at Centres of Excellences in the South

Closes: 1 December

Amount: Travel costs + US\$300 /month

Royal Society of Chemistry Bourke Lectureship Closes: 1 January

Australian National University Visiting Fellowship Closes: 31 January Amount: Varies

British Lichen Society Overseas Members' Travel Fund

Closes: 28 February Amount: £1,000

Royal Society of New Zealand Bilateral Research Activities Programme Involving Germany

Closes: 28 February

Health Research Council Australasian Collaboration Award

Closes: 2 March Amount: \$5,000

Wellington Medical Research Foundation Grants in Aid of Travel

Grants in Aid of Trave Closes: 19 March

Ergonomics Society

Stephen Pheasant Memorial Fund Award

Closes: 30 March Amount: Up to £1,000

New Zealand Institute of Forestry Awards NZIF John Balneaves Travel Award NZIF Chavasse Travel Award Closes: 31 March

Closes: 31 March Amount: \$5,000 & \$3,500

Architectural League of New York Deborah J. Norden Fund Closes: 31 March Amount: Up to US\$5,000

Arthritis New Zealand Wellington Regional Densitometry Trust – Osteoporosis Fund

Closes: 31 March

Amount: \$200,000 available

Royal Society of New Zealand Skinner Fund [MĐori & Pasifika] Closes: 1 April Amount: \$1,000

New Zealand Institute of Agricultural and Horticultural Science Science Award Closes: 1 April Amount: Up to \$1,000

Endocrine Society of Australia Australian Women in Endocrinology Travel Awards Closes: 4 April

Royal Society of New Zealand Bilateral Research Activities Programme – ISAT Linkages Closes: 18 April

Royal Society of New Zealand Charles Fleming Fund Travel Award Closes: 1 May Amount: Up to \$6,000

International Council for Science SCAR Fellowship Programme [Antarctic travel] Closes: 15 May Amount: Up to US\$10,000

Royal Society of New Zealand Julius von Haast Fellowship Award

Closes: 1 July

Amount: Stipend, travel and host institution

allowance

National Geographic Society Expedition Grants Closes: Continuous Amount: US\$35,000 National Geographic Society Young Explorers Grants Closes: Continuous Amount: Up to \$5,000 USD

International Council for Canadian Studies Conference Travel Assistance Closes: Continuous Amount: Up to CA\$2,000 p.a.

Royal Society of Chemistry Stop-Overs in Developing Countries Corday-Morgan Memorial Fund Closes: Continuous Amount: Up to £500

Research and Education Advanced Network New Zealand Ltd (REANNZ) KAREN Travel and Event Fund Closes: Continuous Amount: Up to \$20,000

Royal Society of Chemistry J.W.T. Jones Travelling Fellowship Closes: Continuous Amount: Up to £5,000

Agricultural and Marketing Research and Development Trust (AGMARDT) Conferences Visiting Fellowship Programme Closes: Continuous

Swedish Foundation for International Cooperation in Research and Higher Education Short-Term Stipends Closes: Continuous Amount: Varies

Council for International Exchange of Scholars Fulbright New Century Scholars Program Amount: Up to US\$37,000

Australasian Quaternary Association Student Travel Support Amount: Varies

Events

http://events.massev.ac.nz

PN – Tuesday 19 August 5.30pm – 7.00pm

Nutritional science meeting Three speakers What's Hot in Nutritional Science: Tuesday 19th August, 5.30 to 7 pm

Massey University hosts a brief evening session where three speakers focus on current nutritional topics of interest. Teachers, health professional and others in the community are invited to attend.

The Green Prescriptions, Diet and Prostate Cancer and Obesity in Children, feature in the current meeting. For further topic details, venue and registration (free) contact by the 15th Aug, Graham Pearson, ph 027-222-8378 & q.pearson@massey.ac.nz

Venue: Bernard Chambers Contact: Graham Pearson Ph: 027-222-8378

PN – Wednesday 20 August 5.00pm – 7.00pm

Sport @ Massey Career Evening

A chance for all current and prospective students interested in a career in the sports industry to talk to Massey Graduates and staff about:

- Sport qualifications.
- Pathways into industry (especially teaching, psychology & nutrition).
- Part-time and volunteer work opportunities.
- Practical work possibilities.

We have graduates representing Sport Manawatu, Manawatu Rugby, Manfield plus more to be confirmed!

Students RSVP on http://careerhub.massey. ac.nz to register your interest or contact pncareers@massey.ac.nz

Venue: Foyer of Social Sciences Lecture Block.

Contact: Nicola Stone

Ph: extn 5071



Massey University Veterinary Clinic

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Conveniently located on the Palmerston North Campus
Phone: 06 350 5329 http://vethospital.massey.ac.nz Email: Vetclinic@massey.ac.nz





PN – Wednesday 20 August 2.00pm – 3.30pm

Seminar: Feedback of Climate Change on Economic Growth: Explorations with a Dynamic General Equilibrium Model

Professor Roberto Roson

Professor Roberto Roson is a Venture Trust International Travel Fellow visiting the Centre for Applied Economics and Policy Studies

Venue: Fernwood Room Bernard Chambers A Contact: Julia Fisher

Ph: extn 7071

WN – Friday 22 August 8.30am – 4.30am

Wellington Open Day

Open day is designed to give an insight into what university is all about and to show you what Massey has to offer.

It is for anyone who is considering enrolling at Massey University. Friends and whānau are also welcome.

http://www.massey.ac.nz/massey/study/ services-for-students/whats-on/wellington/ open-day.cfm

Venue: Wellington Campus Contact: Phillip Harris Ph: 801 5799 ext 6988

PN – Wednesday 27 August 5.15pm – 7.30pm

Massey Agriculture 2008 Address Series Professor Surinder Saggar

Professorial Research Fellow and Principal Research Scientist, Landcare

Climate Change - Chasing the 'hot' and 'laughing' gases in agriculture

27th August, 5.15 pm, SSLB.2, Social Sciences Lecture Block

Climate change and global warming are linked to a marked increase in global atmospheric concentrations of greenhouse gases (GHGs) carbon dioxide, methane and nitrous oxide. Globally, agriculture is one of the largest sources of GHG emissions, and in New Zealand, contributes about half the country's total emissions, predominantly from the two non-CO2 GHGs, methane ('hot') and nitrous oxide ('laughing').

This talk will address the soil-atmosphere exchange of these two non-CO2 GHGs in New

Zealand agricultural systems and explore the options for mitigating these gases, identify current gaps and limitations.

This is the second of the 2008 addresses being hosted by Massey Agriculture and will be followed by refreshments. Please RSVP to Denise Stewart, email: d.m.stewart@massey. ac.nz; or phone 350 5996 or extn 5996 by Friday 22 August 08.

Venue: SSLB.2 - Social Science Lecture Block, Turitea Campus map

Contact: Denise Stewart

Tel: ext 5996

PN – Wednesday 27 August 10.30am – 3.00pm

Winterfest 08

Circus is the theme for the day so dress up if you would like to join in the fun.

The world-renowned body and face painters BodyFX will be here to transform you into a clown-for-the-day. (BFX were Runners-up at the World Body Painting Event in Germany this year!)

10.00am The AMAZING RACE

Look out for teams of four racing around the campus in a mad dash to win awesome prizes.

Register your team with Katreena in the MUCESA Student's Association office at Hokowhitu.

11.00 - 1.00pm

The wonderful Mr. Fungus joins us for a number of interactive games, a blow-up assault course and chilled-out music.

A selection of circus munching snacks will be available.

1pm Homegrown

Amazing Prizes! If you have hidden talent there's still time to enter - contact Katreena. 3.30pm Student's Flat Crawl

Staff are welcome to join the students for all Campus events!

Venue: College of Education Centennial Drive Hokowhitu Palmerston North

Contact Details: Katreena Collins, MUCESA Ph: 06 357 8667

AK – Wednesday 27 August 12.00pm – 1.00pm

Chancellor's Lecture Series Associate Professor Michael Belgrave Treaty Settlements: Is there an end in sight? Associate Professor Michael Belgrave is one of the country's leading experts on the Treaty of Waitangi and its role in current treaty investigations and settlements.

Before coming to Massey in 1993, he was the Waitangi Tribunal's research manager, and has been actively involved in historical research for the tribunal in many of its regional investigations.

His two recent books are Historical Frictions: Māori Claims and Reinvented Histories and the co-edited Waitangi Revisited: Perspectives on the Treaty of Waitangi. He will outline the dramatic developments in treaty settlements which have occurred in recent months and consider their importance in completing this round of settlements between Maori and the Crown.

http://www.massey.ac.nz/massey/campus/auckland/campus-events/chancellors-lecture-series.cfm

Venue: Sir Neil Waters Lecture Theatre NW200 Massey University, Gate 1, Albany Expressway, SH17, Auckland.

Contact: Karen Triggs Ph: 09 414 0800 ext 9555

If you wish to register an event please use the online events submission form at http://events. massey.ac.nz. For other event enquiries please contact a campus events coordinator or email events-admin@massey.ac.nz.

Scholarships and Awards

A Snap-Shot of Scholarships Closing May /June 2008: full information about these scholarships and all others scholarships can be found on http://awards.massey.ac.nz/

Undergraduate

Asia:NZ Young Leaders Forum - 22 August 2008

Keystone New Zealand Property Education Trust - 29 August 2008

Wharerata

venue · cuisine · events

Offal Night - Aug 28 6.30 for 7pm \$35.00 per person

For information and reservations contact Helen on 350 5088 or email info@wharerata.co.nz

Our dining room and café open Monday to Friday from 830am to 2pm for morning tea and lunch

Connell Wagner Scholarships - 31 August

DaoMing Chinese Studies Scholarship - 31 August 2008

Macmillan Brown Prize for Writers - 31 August

Mike Pero Mortgages Foundation Scholarships - 31 August 2008

Sasakawa Scholarships for undergraduate students of Japanese travelling to Japan - 31 August 2008

Zonta Study Award South Auckland - early September 2008

Health Research Council Summer Studentships Pacific Health Research - 1 September 2008

NZ Federation of Business & Professional Women Extramural Study Awards - 1 September 2008

Postgraduate

Asia:NZ Young Leaders Forum - 22 August

Keystone New Zealand Property Education Trust - 29 August 2008

French Teaching Assistantships - 31 August

Macmillan Brown Prize for Writers - 31 August

New Zealand Federation of Graduate Women - Susan Byrne Memorial Award - 31 August 2008

Zonta Study Award South Auckland - early September 2008

German DAAD Awards - 1 September 2008

Health Research Council Summer Studentships Pacific Health Research - 1 September 2008

R.H.T. Bates Postgraduate Scholarship - 1 September 2008

Royal Society of NZ Travel Grants - 1 September 2008

Todd Foundation Postgraduate Scholarship in Energy Research – 1 September 2008

Te Tipu Putaiao Fellowships - 3 September

Helen E Akers PhD Scholarship – 10 September 2008

Helen E Akers Postgraduate Scholarship - 10 September 2008

NOTICEBOARDS ARE AVAILABLE AT THE **FOLLOWING LOCATIONS:** SOCIAL SCIENCES LECTURE BLOCK FOYER, TURITEA SITE AND IN EACH ACADEMIC UNIT

<u>General notices</u>

College of Humanities and Social Sciences **Qualification Reviews**

The College of Humanities and Social Sciences is undertaking Qualification Reviews of the following programmes in September 2008.

Postgraduate Museum Diploma in Studies (3-5)September 2008)

Graduate Diploma in Emergency Management and the Master of Arts (Emergency Management) - (24-26 September 2008)

This notice is to advise that the review processes are now underway and to invite submissions on the programmes. Panels of experts, internal and external, will be brought together to conduct the reviews and consider all documentation provided by the university and submission makers.

The deadline submissions for for the programmes is 15th August August 2008 and 29th respectively. Should you have any queries on any matter relating to the reviews, including making a submission please contact: Ropu Erueti, Administrator, Academic Director's Office, College of Humanities and Social Sciences, Email R.Erueti@massey.ac.nz

To read the latest in news from Massey, complete with colour pictures and video clips, or to sign up for one of an expanding range of e-mail newsletters, visit us online: http://news.massey.ac.nz

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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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Campus open days pull a crowd

Prospective students from about 50 schools descended upon the Palmerston North campus on 6 and 9 Auust for the first of the annual open days at the University's three campuses.

Among the range of activities and exhibitions on display was a robotics display in the College of Science's programme, which featured a range of interactive activities including a peek into a smart house designed for easier living, and a taste of food technology.

In the student lounge Student City coordinator Hannah Pratt showed how to prepare a meal for \$5, while outside halls residents took on University staff, students and secondary school visiting pupils in a tugof-war.

Manawatu Turbos mascot Turboman also took part, while Turbos players joined the crowds and held a rugby ball-throwing challenge, with tickets to Friday night's Turbos match up for grabs.

Student liaison adviser Trevor Weir says open days are an important fixture on the University calendar and attract pupils from a wide range of schools in both the North and South islands.

"We had a busload of pupils accompanied by liaison staff from the Tauranga area come to Palmerston North, and one pupil from Oamaru, who flew up to visit the Institute of Veterinary Animal and Biomedical Sciences," he says. Tours of the veterinary teaching hospital ran throughout the day and are very popular with visitors.

In Auckland, robotics competitions, a mock investment game for finance whizzes, a chance to analyse your body fat at a food technology session, and discovering stars using computer technology were among the numerous events held at the campus Open Day on Saturday.

Special events included jazz workshops run by leading musicians from the New Zealand School of Music, an introduction to speech and language therapy training, and a special lecture on Pasifika advancement at the University by Pasifka academic staff and students.

Up to 1500 are expected at the Wellington campus on Friday for the last of the annual open days.

Staff from the Colleges of Business, Creative Arts, Education, Humanities and Social Sciences, Sciences will give short presentations



The robotic kiwifruit picker was just one of the high-tech displays on concourse.

on some of the University's most popular courses throughout the day. There will also be a morning presentation for those interested in attending the New Zealand School of Music, a joint venture between Massey and Victoria University.

There will be tours of the campus, as well as information on scholarships, social life, and options for studying abroad. Free breakfast and lunch will be on offer outside Tussock café, and a band will play over the lunch break.

Last year, more than 1300 students from 27 schools attended the open day on the Wellington campus.