



Massey News

Auckland • Palmerston North • Wellington • Extramural

19 Poutū-te-rangi March 2007 Issue 2

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At home in the Hopkirk

Veterinary public health research at Massey has expanded to new dimensions of diagnostic capability with its relocation to the new Hopkirk Research Institute.

Led by Professor Nigel French, Co-Director of the EpiCentre, the team were one of the first from Massey's Institute of Veterinary Animal and Biomedical Science and AgResearch to move in this year.

The \$17 million state-of-the-art institute will be formally opened on 23 March by the Minister of Research, Science and Technology and Minister of Crown Research Institutes Steve Maharey.

The Hopkirk houses the largest concentration of animal health sciences in the Southern Hemisphere and scientists from Massey and AgResearch will collaborate to implement New Zealand's animal health research priorities.

Professor French's team leads one of the largest projects underway in the Hopkirk – to identify and predict the occurrence of food poisoning threats in New Zealand and devise strategies to minimise their effect.

He says the advanced laboratories in the new institute allow his team to further their research, taking it into the rapidly growing field of molecular epidemiology, which focuses on identifying the source of infections.

Campylobacter is one of several infectious diseases transmitted between animals and humans that significantly threaten the health of New Zealanders. Professor French says 2006 was the worst year on record with around 16,000 reported

human cases – a figure he says is a conservative, possibly eight-fold underestimation.

With AgResearch, the Massey team are investigating the cause of soaring campylobacter levels by building DNA databases of the genomes of strains found in human, animal and environmental sources.

Professor French says that while many bacterial pathogens don't cause disease in animals, they become a source of infection for humans through food, drinking water and occupational exposure.

By looking at the strains at a genome level, the researchers can identify markers that may explain the difference between the strains that cause disease in humans and those that don't.

This will help scientists find ways to identify and manage the sources of human infections, reduce symptoms and modulate human response to the campylobacter bacterium.

Funded mainly by the New Zealand Food Safety Authority, the collaborative research could ultimately lead to the development of vaccines against campylobacter.

Also within the veterinary public health research programme are research units looking at the spread and control of cryptosporidium and leptospirosis pathogens.

The Hopkirk Research Institute is named after Dr Cyril Hopkirk, who headed AgResearch's Wallaceville Veterinary Laboratory for 21 years from 1923 to 1945.

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New take on predicting stock market returns

International finance commentators are taking a keen interest in a challenge to conventional stock market forecasting from finance researchers.

A story in US-based *Barron's business media* on a study by finance Professor Ben Jacobsen, has spread rapidly around the finance community. Professor Jacobsen, and his associates, have reported that conclusions on stock market return predictability vary drastically when the timeframes of observation are altered.

They say forecasts will vary, for example, if they are based on data from three or 11 days trading instead of using data from commodity prices over a month, a week or a day – as is current practice. Data taken from varied periods of commodity trading gives surprising results that challenge the cornerstone of finance research, says Professor Jacobsen.

In their recently completed study *The Interval of Observation*, Professor Ben Jacobsen and two senior lecturers in the University's College of Business,

Drs Ben Marshall and Nuttawat Visaltanachoti worked with commodity prices and US, UK and world stock market indices.

"We expect this study may be extremely important in the area of finance research. Issues of stock market forecasting are obviously very important. We have already had interest in our study from international mutual funds and hedge funds. Our results open a fundamentally new approach they can use," says Professor Jacobsen.

"Our point is not so much statistical but that a slight change in an innocent looking assumption can have drastic consequences for research. Intuitively, one would not expect much difference whether one would consider four, five or six day intervals. This is surprising."

The Massey researchers say they were revisiting the Kendall study (1953) that has long been an 'empirical cornerstone' in what is known in finance research as the Efficient Market Hypothesis/Random Walk Model. Academic views on stock market investing might now have been fundamentally different if Kendal



Professor Ben Jacobsen.

had used a slightly different interval of observation, says Professor Jacobsen.

"For fifty years, people have ignored the impact a slight change in the interval of observation could have on our thinking with respect to financial markets. In fact, if you take the approach we took, similar changes in conclusions may occur in many other fields of finance and economics."

The full study *The Interval of Observation* by Ben Jacobsen, Ben Marshall and Nuttawat Visaltanachoti is available on <http://ssrn.com/abstract=965336>

Vets investigating yellow-eyed penguin deaths

Veterinarians at the University's Wildlife Ward are investigating the cause of death of the last of a population of endangered yellow-eyed penguins hatched on Stewart Island this breeding season.

Dr Andrew Hill, a wildlife vet in the Institute of Veterinary Animal and Biomedical Sciences, spent two weeks on Stewart Island earlier this year collecting blood samples, and another week on Southland's Catlins coast studying the population there.

He says although all of the 32 chicks in the island's Anglem coast monitoring area died, the mainland population did not appear to be affected at this stage.

The last chick died of a blood parasite recently discovered on the island, but a number of



diseases and environmental factors are believed to be involved in the overall mortality. Investigation is now being focused on the role of disease in Yellow-eyed penguin chicks and methods of reducing mortality.

The Yellow-Eyed Penguin Trust says this year's breeding season is the worst since monitoring began four years ago, when the research programme into the island's declining penguin population began.



Teaching excellence awards recognise the best

Dr Tracy Riley.

Four Massey staff, all based on the Palmerston North campus, are this year's winners of the Vice-Chancellor's Teaching Excellence Awards.

Dr Tracy Riley, from the School of Curriculum and Pedagogy in the College of Education, won one of three awards for sustained excellence in teaching.

Dr Riley has been at Massey for 11 years, teaching teachers how to teach gifted children. She has a PhD in special education, with an emphasis on gifted and talented education from the University of Southern Mississippi in Hattiesburg, and a Masters in education from the same university. She has also taught gifted programmes in public schools and in courses for schoolchildren run at the University.

Dr Riley earlier graduated with a BSc in elementary education from the Delta State University in Cleveland, Mississippi.

She believes the same principles apply to teaching the teachers of gifted and talented children as to teaching the children themselves: playing to their strengths.

"I want to focus on meaningful learning, relevant learning; I don't just want them to write a bunch of essays, I want them to find practical applications with the real world of teaching."



Dr Bryan Walpert.

Dr Bryan Walpert, from the School of English and Media Studies in the College of Humanities and Social Sciences, has been at Massey for three years, teaching creative writing and specialising in poetry.

From Baltimore, Maryland, he has a BA majoring in international relations from Brown University in Providence, Rhode Island, a Masters in fine arts from the University of Maryland and a PhD in English from the University of Denver, Colorado.

"What's really important is helping students to see the excitement that I feel about the material," says Dr Walpert, who worked as a newspaper and magazine journalist in the United States for more than a decade.

"Helping them to discover what they are capable of, to discover they are capable of more than think that they are."

Dr Andy Martin, from the Department of Management in the College of Business, also won an award for sustained excellence in teaching.

Dr Martin has a BSc in mathematics and computer science from Bristol University in England, a Masters in recreational management and a post-graduate certificate in education from Loughborough University.

He has been at Massey since 1994, completing a PhD in management and teaching a range of sport-related papers. He currently teaches sport management and coaching.



Dr Sharon Stevens and Dr Andy Martin.

Dr Martin says the key to his teaching is an "experiential learning philosophy", largely summed up in a Chinese proverb, often attributed to Confucius: "Tell me, and I will forget; show me, and I may remember; involve me, and I will understand."

Dr Sharon Stevens, also from the School of English and Media Studies, won the award for excellence in first-year teaching. Originally from Oregon she has a BA in English literature from the University of Washington, and an MA in English and PhD in rhetoric, composition, and the teaching of English from the University of Arizona in Tucson, where she worked before joining Massey 21 months ago.

"I think one of my main goals, as a writing teacher, is to help students become conscious of how they are using language and how others are using language and help students become independent learners." She added, "I want to make sure first-year students have the academic writing skills they need to succeed in their studies, but I want to teach them how to adapt those skills to new contexts as well." Dr Riley and Dr Walpert are the Vice-Chancellor's nominations for consideration for National Tertiary Teaching Excellence Awards.

Research to drive SME success

The latest research on small business will be presented at a one-day seminar in Wellington this month.

The seminar is an annual event organised by the Centre for Small and Medium Enterprise Research at the Wellington campus. This year the focus will be on using research on SMEs to inform policy, under a theme of Building Synergies Through Partnerships.

Director Professor Claire Massey says the programme for 2007 demonstrates the centre's commitment to its role in building knowledge on New Zealand SMEs.

Researchers from the centre will present the results of a number of studies and there will be an update on the pilot of the *BusinessMEasure* questionnaire – the first longitudinal study of SMEs and the largest project of its type ever undertaken in New Zealand.

An international perspective will be provided by Dr Francis Greene from the Centre for Small and Medium Sized Enterprises at the University of Warwick, one of the key centres for the research, teaching and training of SMEs in the United Kingdom.

A number of government agencies will also present their research. Professor Massey says an important aspect of the symposium will be the opportunity for discussion between policy-makers and researchers.

The Centre for Small and Medium Enterprise Research was established in 2000 as a way to contribute to maximising the contribution to the economy of New Zealand's more than 350,000 SMEs.

They make up more than 99 per cent of the business population and account for about 60 per cent of all employment.

Presidential post for Allan Rae

Professor Allan Rae from the Department of Applied and International Economics is now president of the Australian Agricultural and Resource Economics Society.

He was elected president for a one-year term, at the society's annual conference in Queenstown last month, and is one of only a few New Zealanders to fill the role.

The conference was attended by about 200 delegates, from New Zealand, Australia, Norway, Canada, the United States and Europe.

Papers and presentations covered issues related to agricultural trade, fisheries, energy and natural resource economics and water management policy. Professor Rae says this year there was a greater emphasis on environmental economics. Also of note were papers by two World Bank representatives on the Doha round of world trade negotiations.

From the Business bookshelf

Academic staff members from the College of Business have produced a crop of recently published books, including two in Business Law.

Associate Professor Lindsay Trotman and assistant lecturer Debra Wilson co-authored *Fair Trading: Misleading or Deceptive Conduct* which examines 20 years of case law and lays out the consequent principles from the Fair Trading Act 1986.

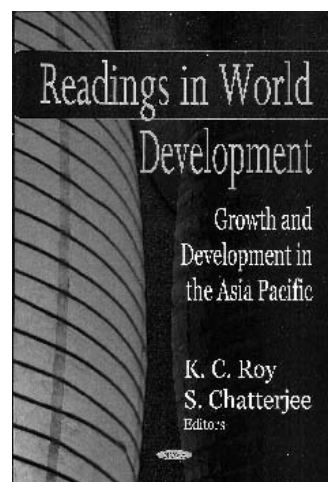
The publishers, LexisNexis, say that as knowledge about and expertise in fair trading actions have become an integral and daily part of commercial law, the book will become the essential resource for commercial lawyers, litigators and students.

Regulatory and Enabling Approaches to Corporate Law Enforcement, by Dr Matthew Berkahn, was published by the University of Canterbury.

It traces the patterns of litigation between 1986 to 2002 and the impact of corporate law reforms in New Zealand. The work is based on Dr Berkahn's thesis for the degree of Doctor of Judicial Science at Deakin University. He is now a senior lecturer in Business Law.

Professor Srikanta Chatterjee, from the Department of Applied and International Economics, edited *Readings in World Development: Growth and Development in the Asia Pacific* with Associate Professor K.C. Roy from the University of Queensland. Professor Chatterjee also co-authored two chapters.

The book, published in New York by Nova Science Publishers, deals with important issues in poverty and development in poor



countries, with particular reference to Asian countries

Lecturer Lin Tozer from the Department of Accountancy has published a third edition of *Accounting: A user/decision perspective*, co-authored with colleagues Carolyn Black (now Wirth) from the Department of Finance, and Fin Hamilton, now with the Eastern Institute of Technology.

A new book by Associate Professor Roland Kaschek, from the Department of Information Systems, looks at computer support software known as "intelligent assistant systems". Published by IGI Global, *Intelligent Assistant Systems: Concepts, Techniques and Technologies* looks at the technology for effectively implementing these systems, their scope, purpose, architecture, theoretical background, and use.

Is immigration driving trade?

Professor Srikanta Chatterjee, from the Department of Applied and International Economics, is investigating the relationship between trade and inward immigration in New Zealand.

Overseas studies have shown that using immigrants to advise and open doors in their home countries results in increased export deals.

Professor Chatterjee says it is likely a similar pattern is developing in New Zealand although he says it is possible we may have been slower than some other countries to make use of immigrant skills and their knowledge of their homelands.

He says the study is of particular interest because of the substantial growth in immigrants coming to New Zealand from Asia, particularly India and China.

He says both countries are experiencing significant economic growth. This increases their need for imports from countries like New Zealand which are rich in the resources and knowledge that they lack. Key areas include technology, horticulture and the dairy and meat industries.

Marketing lecturer Dr Henry Chung is also continuing a series of research projects

into the use of immigrants by New Zealand businesses seeking to export their products.

His latest study, to be published in *The European Journal of Marketing*, looks at the contribution to New Zealand-based businesses of immigrants from Europe. He studied 77 firms, operating in 11 European markets.

He found only 10 per cent hired immigrants from Europe to assist with their marketing activities in the European Union. He concludes that the strategy of using European immigrants to help firms market successfully in the immigrant's home country was still in its infancy.

Companies that did employ immigrant help were typically larger operators with more international business experience and mostly operated in the industrial and consumer durable sectors.

However Dr Chung detected a shift in behaviour. "There is a change of attitude in business," he says. "Some are waking up to immigrants as an undervalued resource. Some are realising there is a difference between the New Zealand and European perspective that has a significant bearing on success in European markets."



Graduation '07

The 2007 graduation season for the University begins in Auckland on Wednesday 18 April.

This year there will be a record 1181 graduates from the Auckland campus, an increase of nearly 200 on last year.

Ceremonies at Palmerston North and Wellington will be held in mid and late May respectively.

Auckland

For the Auckland campus it will be the largest graduation to date, running over four days. There will be six ceremonies – two a day – held at the Bruce Mason Centre in Takapuna. In addition there will be a special ceremony to honour Māori graduates at the Bruce Mason Centre on Saturday 21 April, and a ceremony for Pacific Island graduates held on campus on the evening of Wednesday 18 April.

Each ceremony will be preceded by a procession up Hurstmere Road, through the heart of Takapuna, starting at the top of the Strand.

This year five PhDs will be awarded in the Auckland graduation ceremonies. The graduates represent five colleges – sciences, business, education, creative arts, humanities and social sciences. The first Auckland ceremonies on the morning of Wednesday 18 April will be for the New Zealand School of Music, the College of Creative Arts and the College of Sciences.

The afternoon ceremonies will be for the College of Education, and the Centre for University Preparation and English Language Studies.

The three College of Business ceremonies are on Thursday morning, Thursday afternoon and Friday morning. The College of Humanities and Social Sciences ceremony is on Friday afternoon.

Palmerston North

The nine Palmerston North graduation ceremonies run from 14-18 May, with 1460 students to graduate. As is traditional, two ceremonies will be held each day in the Regent on Broadway, followed by a procession to The Square, with a Friday afternoon celebration for Māori graduates.

Palmerston North celebrations begin with three ceremonies for the College of Science to be held on Monday morning and afternoon and on Tuesday morning. College of Business ceremonies will be held on Tuesday afternoon and Wednesday morning.

College of Education ceremonies will be held on Wednesday afternoon and Thursday morning. The Wednesday afternoon ceremony will also include graduates from the College of Creative Arts and the Centre for University Preparation and English Language Studies. College of Humanities and Social Sciences ceremonies will be held on Thursday afternoon and Friday morning.

Wellington

In Wellington two ceremonies for 600 graduates will be held at the Michael Fowler Centre on 29 May. There will be one combined procession for Wellington graduates which will leave Parliament at 1pm and proceed along Lambton Quay to Civic Square and a welcome from Mayor Kerry Prendergast.

A ceremony for Māori will be held on the preceding day, 28 May, at the Kuratini Marae on the Wellington campus.

Ceremony One on the morning of Tuesday, 29 May will be for the Colleges of Science, Education and Creative Arts, and for the Centre for University Preparation and English Language Studies. Ceremony Two, on Tuesday afternoon, is for the Colleges of Business, and Humanities and Social Sciences.

Aviation School's new flight simulator takes off

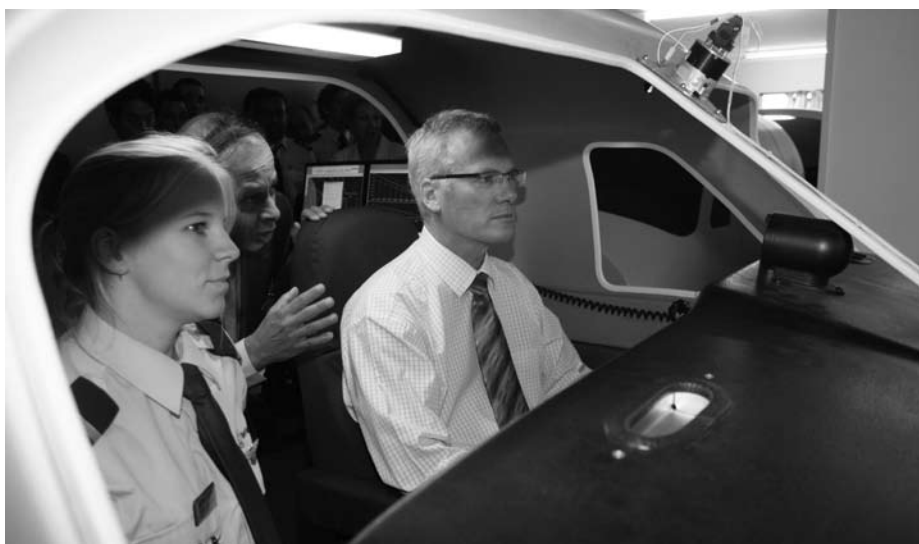
Education Minister Steve Maharey opened the School of Aviation's new flight simulator last month, and said it was likely to be the most exciting thing he did that day. He wasn't disappointed.

The simulator is based at the School's Milson Flight Systems Centre at Palmerston North Airport. Modelled on the interiors of the Piper Seneca V and the Piper Warrior it offers controls with actual "feel", accurate and realistic high quality instrumentation, a high fidelity sound system, and, most importantly, a visual display system that provides 170 degrees of horizontal view, enabling pilots to look out of the side window. It has the capability to simulate various weather conditions, as well as day and night conditions.

Mr Maharey described it as "a very auspicious day. You are now looking at a mature relationship between aviation and the University."

He said a lot of people had doubted the validity of having an aviation school in a University environment, but the decision had proved correct.

"Massey has been the cutting edge institution in New Zealand in taking in areas that have traditionally been outside the university environment".



Flight instructor Kelly Nathan, Captain Ashok Poduval and Education Minister Steve Maharey test the new flight simulator.

Vice-Chancellor Professor Judith Kinnearsaid the acquisition of the new simulator met an identified need in pilot training and was indicative of Massey's ongoing commitment to quality education and training programmes.

The school's general manager, Captain Ashok Poduval, says the Frasca is "an excellent training device and a giant step in

enhancing the quality of aviation education and training within the Bachelor of Aviation programme".

"The School now has the capability to add a new dimension to their training – a module for training students in multi-crew co-operation competencies to bridge the gap and enable smooth transition from single pilot light aircraft operation to the multi crew air carrier

Students tackle da Vinci challenge

Public relations students are embarking on a challenge to change the world by rebranding people with ADHD as da Vincis.

As part of their coursework, the students are designing a range of events and written material to raise awareness of the positive qualities of da Vincis to students, staff, and the Wellington community.

Public relations lecturer Elspeth Tilley says producing events and working directly on a community-based project enables students to get hands-on experience that complements classroom learning.

"Studies indicate that, while experiential learning is undeniably a challenge, it increases motivation to learn, improves long-term retention of material, develops the ability to apply theory to a range of life situations, and leads to a greater sense of personal accomplishment," she says.

"I see this in the feedback from public relations students, who tell me running live events has been simultaneously the most stressful and most rewarding part of their university careers."

Researcher and mother of two children diagnosed with Attention Deficit Hyperactivity Disorder Deb Gilbertson told students that, while 50 per cent of prison inmates were ADHD, so were 50 per cent of entrepreneurs.

She says ADHD can be thought of as "a set of extraordinary qualities with exhausting side effects".

Ms Gilbertson is passionate about challenging the stigma attached to ADHD, by rebranding what is currently seen negatively as "deficit and disorder" to be seen as a different kind of personality type—one that could be considered typical of some great entrepreneurs, artists, adventurers, and leaders, from Leonardo da Vinci to Edmund Hillary and Nancy Wake.

Along with colleagues in her consultancy business, Te Kaihau, Ms Gilbertson is working on a pro bono project to focus attention on the unique qualities and acknowledge the challenges that people in the ADHD spectrum face.



Professor Manfred Cramer second from right, with (from left) Auckland Regional Registrar Andrea Davies, Deputy Vice Chancellor (Auckland & International) Professor John Raine and Regional Director Auckland Professor Paul Spoonley.

Munich University in study exchange with Massey

Massey students now have the opportunity to study at a top social sciences university in Germany.

The Munich University of Applied Sciences and Massey University have signed an agreement to allow four undergraduate or post-graduate students from each institution to study for a semester.

Professor Manfred Cramer, from the Munich University (or FHM for Fachhochschule Muenchen) visited the Auckland campus recently for talks to finalise the cooperative agreement which was signed last month.

The Munich university offers a range of interesting study and research opportunities, including a Masters in Mental Health, said Social Sciences Professor Paul Spoonley.

Likewise, Massey University offered German students a wide range of social work and psychology papers, he said.

Although speaking German would be an advantage, students interested in the programme did not need to be fluent German speakers as the university teaches a number of courses in English, he added.

Exchanges will be available from October this year.

Students wanting more information on the programme should contact Rachel Fenton at the International Office in Palmerston North on ext: 2159 or email studyabroad@massey.ac.nz or check the website <http://www.studentexchange.massey.ac.nz>

Handpicking graduates for the sports industry

Wheeler Campbell Consulting and the College of Business have joined forces to implement a recruitment programme for sport management graduates.

Senior lecturer in Sport Management Dr Andy Martin says the objective is to grow the capability of the sport and recreation industry by identifying high calibre graduates and providing support and guidance through a managed and targeted recruitment programme which enhances their career progression.

He says as sport has professionalised in New Zealand over the past 10 years, there has been a proliferation of tertiary sport qualifications.

"This has made it difficult for sport organisations to recognise graduates with the appropriate skills for the industry. Sport organisations need to be able to better target key people for both junior and senior management positions."

Dr Martin says through its Sport Management and Coaching programme, Massey provides

a distinct niche in the New Zealand sport education market by offering a management perspective on sport and coaching. He says Stephanie Greene of Wheeler Campbell has been impressed by the quality of recent graduates.

Three young women topped the Sport Management class of 2006. Liesl Kemp, for her sponsorship work with the World Squash Championships, and Kelly Rofe, who initiated and managed the Massey Academy of Sport, were the top internal and extramural practicum students.

Haylee Mutch, who was the top overall Sport Management student, was assistant event manager for the Manawatu Turbos home games.

Dr Martin says the strategic partnership between the University and Wheeler Campbell Consulting will be significant in linking a successful academic programme with tested recruitment knowledge, experience and credibility.



Vice-Chancellor Professor Judith Kinnear inspects state-of-the-art laboratory facilities at the Hopkirk Institute with the Hon Steve Maharey and AgResearch chairman Rick Christie.

Institute brings new era in animal health research

The opening of the \$17 million state-of-the-art Hopkirk Research Institute last month, a collaborative venture between AgResearch and Massey University, signals a new era in animal health research in New Zealand – particularly for sheep, cattle, goats and deer.

The building was officially opened by Minister for Crown Research Institutes and Research, Science and Technology, Steve Maharey.

"The Hopkirk Research Institute is a fine example of collaboration between a university and a Crown Research Institute, with two of this country's largest primary sector research organisations working closely together. I am confident that research and development conducted at this world-class facility will be a major benefit for the economy and lead to increased productivity and improved animal welfare within agriculture," he said.

Based at the Palmerston North campus, adjacent to the Institute of Veterinary Animal and Biomedical Sciences, it offers close to 4000 square metres of laboratory space, sufficient to house about 90–100 research staff.

The Hopkirk Research Institute will focus on achieving and promoting scientific and technological excellence in areas relevant to the health and welfare of pastoral livestock, with an emphasis on infectious diseases endemic to New Zealand that threaten the livelihood of the pastoral sector.

Research and development will initially concentrate on three main areas: finding solutions for the control of parasitic diseases (primarily in sheep and cattle); developing more effective vaccines to combat infectious disease (chiefly tuberculosis, yet with a growing emphasis on Johne's disease); identifying and predicting food poisoning threats in New Zealand, and devising means to minimise their prevalence and impact.

AgResearch CEO Dr Andrew West said it is important that universities and Crown Research Institutes collaborate where they have common

areas of research expertise.

"Through creation of the Hopkirk Research Institute, AgResearch and Massey University now have a team of animal health researchers and developers of global scale and influence. Healthy livestock are essential to the prosperity of New Zealanders. We don't have BSE, scrapie or foot and mouth in New Zealand, which is to our huge advantage, but we do have other diseases and parasites that we must defeat."

Professor Grant Guilford, head of the Institute of Veterinary Animal and Biomedical Sciences, says the collaborative venture benefits from the integration of Massey's clinicians, epidemiologists, pathologists and scientists, with AgResearch's microbiologists and parasitologists to anchor research in the practical reality of New Zealand's pastoral farming system.

He says the potential for commercial success is enhanced by the guidance of leading farmers and veterinarians participating in the associated Hopkirk Foundation, and by the region's reputation for innovative companies and product development.

"The Manawatu region already has a number of companies with an interest in animal health, such as New Zealand Pharmaceuticals, Estendart Ltd, Fonterra, and New Zealand Veterinary Pathology, as well as organisations with more generic expertise in agri-bio products and development such as the Manawatu Bio Commerce Centre.

"This, along with the world-class 'process engineering' skills of Massey's Institute of Technology and Engineering, offers the Manawatu region a unique strategic opportunity that we must make every effort to capitalise on," Professor Guilford said.

Dr Wayne Hein, AgResearch Animal Health Section Manager, will be the inaugural Director of the Hopkirk Research Institute. "Establishing a new research institute is an exciting opportunity for all involved. There are many opportunities for collaborations – there is huge potential to leverage synergies," he said.

Conference to focus on infant mental health

Issues relating to the mental health of infants will be the subject of a conference in Wellington on 26 April.

The conference marks the establishment of the Infant Mental Health Association of Aotearoa NZ (IMHAANZ) as an affiliate of The World Association for Infant Mental Health.

The association brings together and supports professionals and academics specialising in education, health, psychotherapy, social and family services.

"Our affiliation to the world association is an important step in becoming the organisation for professionals involved and interested in infant mental health in New Zealand," says association president Dr Kimberley Powell.

Dr Powell, from the College of Education's School of Arts, Development and Health Education, is known for her research and other work in early childhood education and development.

She says the organisation of a national infant mental health body has taken more than two years of hard work by the IMHAANZ executive committee, who were successful in achieving affiliate status in mid 2006.

Former College of Education lecturer Dr Janet Gregory was also a driving force in developing IMHAANZ so that it could achieve international affiliation.

The World Association for Infant Mental Health is a leading research and professional organisation, providing a forum for collaboration and professional development advancing the wellbeing of infants and families.

"The time is now right to have a national launch of a much-needed infant mental health organisation here in New Zealand," Dr Powell says.

"The primary purpose is to give professionals working with children up to four years of age and their families the support and networking they need along with up-to-date research so that the integration of services for families can be more easily obtained within New Zealand.

"We know from research in other OECD countries that the coordination of services for infants and their families and a unified approach by a range of professionals is much more cost effective in the long term for reducing poverty, reducing rates of neglect and abuse, and for providing more efficient outreach through social services to families.

Children who start off well and are supported early in life benefit New Zealand economically because they develop, learn and grow more rapidly when their emotional environment is healthy and nurturing.

"Infant mental health is all about ensuring that infants are given an optimal environment and emotional support from the pre-natal period onwards.

"Infant mental health practitioners and researchers are interested in promoting supportive caregiving attachment relationships that will ensure emotional equilibrium, a healthy sense of self and a good basis for optimal development and learning in infants and young children."

The symposium will be held on Thursday, 26 April, at the James Cook Hotel Grand Chancellor, with the official launch cocktail function to follow at the Banquet Hall, Parliament Buildings.

Speakers include top New Zealand and Australian professionals and researchers:

- Elisabeth Muir, IMHAANZ Patron and author of *Watch, Wait and Wonder*;
- Beulah Warren, founder of the Australian Association for Infant Mental Health, child psychologist, Brazelton trainer, and author;
- Dr Denise Guy, Wellington child psychiatrist and infant mental health clinician;
- Sarah Te One, lecturer in early childhood education and lead researcher for the Te Marua-Mangaroa Playcentre Supporting Parents alongside their Children's Education programme.

Collaboration looks at diversity in online learning

Recognising the impact of cultural diversity in online learning and assessment is an important priority for effective education across global communities, according to College of Education lecturer and researcher Dr Madhumita Bhattacharya.

This is well illustrated in her partnership with British academic Dr Jon Dron, with whom she is collaborating on research into online learning environments for multicultural audiences.

Dr Bhattacharya is the inaugural New Zealand recipient of a Researcher Exchange Programme (RXP) award from British Council – an award designed to develop research links between Britain and other countries.

"The globalisation of education cannot be achieved without adapting resources to different cultural values and ways of thinking," Dr Bhattacharya says.

"The UK and New Zealand are similar in their multicultural make-up, which is why this collaboration has come about.

"In the area of teacher education, our shared experiences are extremely valuable, and it is of great benefit for both students and staff to see how teachers from different cultures and backgrounds respond to the same case in problem-based learning," she says.

Dr Dron is a principal lecturer and head of Learning Environments at the School of Computing, Mathematical and Information



Dr Jon Dron, PhD student Margaret Hartnett, and Dr Madhumita Bhattacharya.

Sciences at the University of Brighton. He is visiting the Palmerston North campus for three weeks, where he will work on the joint research project with Dr Bhattacharya, and will also give a presentation on 4 April titled: *Insidious Control in Online Learning*.

Dr Dron will pay particular attention to the ways that cultural expectations and assumptions are embodied in learning environment design.

"There are potential problems for learning, when a person's cultural embodiment is at odds with the culture of learners and even teachers," he says. "There are certainly areas

needing further research and development."

PhD student Margaret Hartnett is fortunate to have the international collaborators supervising her doctoral research: *Organic and Adaptive Learning Technologies in a Multicultural Context*.

They will also co-chair a panel session for the 7th IEEE International Conference on Advanced Learning Technologies in Niigata Japan in July.

In July, Dr Bhattacharya also plans to visit Britain and co-present in a conference at the University of Brighton on: *Technology in a multicultural setting*.

Growing literacy gap in NZ a major concern

The growing number of New Zealand children who can't read or write adequately is a major concern, says Massey's new Professor of Educational Psychology.

Professor Michael Townsend was appointed last December as the first dedicated Head of the School of Education at the Auckland campus.

The former primary school teacher-turned-academic, with a special interest in how motivation affects learning, comes to the University after 25 years as Associate Professor of Educational Psychology at the University of Auckland. He says improving literacy rates is one of the key issues in New Zealand education today.

"Our literacy levels have slipped in the international ratings. But worse, the thing that distinguishes New Zealand from other countries is that we have a huge gap between our higher and lower achieving children – and it's getting larger," he says.

Professor Townsend is heartened that teachers graduating from Massey's Auckland campus will go into schools equipped with an additional teaching tool to help overcome this negative trend. His colleague, Professor Tom Nicholson, has developed a phonics-based method – included in the teaching programme – that has already been shown to help struggling readers.

"Greater exposure to phonics gives teachers (from Massey) another string to their bow if other things aren't working," he says.

His latest appointment brings him full circle geographically. He enrolled in 1967 in part-time study at Massey extramurally whilst teaching at a Northland primary school, to do a Bachelor of Arts, majoring in education.

After taking up a new teaching job near Christchurch, he switched to Canterbury University to complete Bachelor and Masters degrees in education.

After completing his doctorate on children's learning and memory at the University of Illinois in Urbana, he spent three years teaching in the school psychology programme and doing research on learning at the State University of New York in Albany – about 100 miles north of New York City.

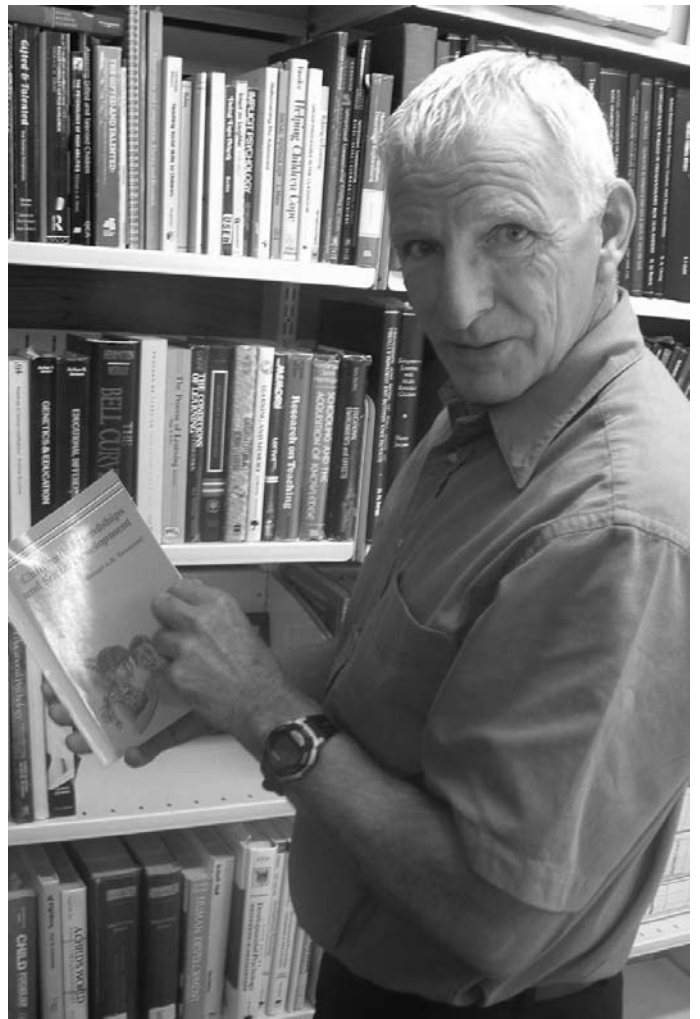
It was in the United States that he became interested in newly-emerging theories about children's motivation in learning.

"I became fascinated with how some kids are keen to learn, others are anxious, some are afraid, others don't want to be there – it's all about motivational issues."

He returned to New Zealand in 1981 to the University of Auckland as a Senior Lecturer in Educational Psychology. After a 1988 sabbatical to the University of Michigan exploring new research on motivation, Professor Townsend set up the first courses on educational motivation in learning.

He is also deeply interested in children's friendships, and how the ability to make friends influences learning and self-esteem – ideas he elaborates on in his 1992 book he wrote called *Children's Friendships and Social Development*.

Moving into new territory, he developed a model for "co-operative



Professor Michael Townsend.

learning" – a teaching approach that is not merely herding students into groups, but about encouraging them to interact and work together in ways that enhance learning as well as self-esteem.

Professor Townsend has observed big changes in education over the past four decades, including what he considers an over-abundance of paperwork from increased planning, testing, assessment and report-writing currently expected of educators. This, he fears, has distanced teachers from their core work with students.

Administrative demands, while meeting society's need for accountability, should be balanced with the notion that "what brings teachers into teaching is wanting to work with children, to make a difference in their lives. And this is what we are achieving with our programmes in education," he says.

Kiwi among world cricket injury experts

Sport injury expert Darryl Cochrane will represent New Zealand at an international congress in Barbados timed to coincide with the World Cup series.

Mr Cochrane, a lecturer in sport management, is being sent to the World Congress on Science and Medicine in Sport by Cricket New Zealand.

Apart from his research on sport injuries, Mr Cochrane has also had practical experience working with the Black Caps as a fitness trainer during the Commonwealth Bank series in Australia earlier this year.

He will report back to Cricket New Zealand

on fresh information on sports injuries delivered at the conference.

"We have a particular interest in injuries to fast bowlers," he says. "It has become a big concern."

"They are the players most prone to injury, largely because of their workload as well as the nature of their conditioning and physical training."

He says the workload for fast bowlers is now heavier with an increase in international and one day matches, leaving them less time to turn around after what may originally be a minor problem.

"A niggle gets neglected, becomes worse and turns into an injury."

He says the sport has also become harder, faster and more vigorous.

"In the days of, say, Richard Hadlee, the game was still played hard – but certainly not as frequently."

The congress will be held in Bridgetown, Barbados from 4 to 7 April, just before the Super 8 series in the Cricket World Cup.

It will feature sport science and medicine experts, physiologists, researchers, coaches and administrators from the major cricket playing nations.



Quail not extinct as thought

An isolated population of quail on Tiritiri Matangi Island, could prove to be New Zealand quail – a bird considered to be extinct since about 1875.

While many of New Zealand's endangered birds have made headlines in the world famous conservation success story surrounding the Hauraki Gulf island, no one has paid much attention to the long established quail population.

Now the birds are the subject of a genetic and ecological study by a Massey doctoral student who says it's possible they may be the New Zealand quail, *Coturnix novaezelandiae*. Once abundant throughout the country and on Great Barrier Island, these quail were thought to have been wiped out through habitat destruction and predation soon after European settlement.

Mark Seabrook-Davison is part of the University's Auckland-based Ecology and Conservation Group. With his co-researchers he has a close connection with projects on Tiritiri Matangi and says that although the quail are known to have been on the island for at least 100 years, there are no records relating to them.

Genetic testing will be carried out at the Allan Wilson Centre laboratory at Albany. The samples will be compared with genetic samples from other locations and from the populations of introduced Australian quail.

"At this stage the notion that these quail may be a surviving group of New Zealand quail is quite speculative. It's also been suggested that they may be a hybrid," says Mr Seabrook-Davison.

He says that the ecological study he is carrying out in conjunction with the genetic testing will also have important implications for future conservation projects in the Hauraki Gulf Islands.

"There is keen interest in the possibility of putting these quail on to other islands. Because they are a ground bird of a particular type, they play their own part in the bigger ecological picture. They are very good at distributing seeds and tilling the leaf litter."

Both the Australian quail and the more widespread Californian quail, were released into New Zealand as game birds.

Satellite-tracking godwit flight

As the last bar-tailed godwits leave New Zealand estuaries on their northern migration to Alaska this week, Massey scientists will trace their journey via satellite-tagged individuals.

Dr Phil Battley, an ecologist at the Palmerston North campus, says the shorebirds' northern migration is of particular interest because the birds touch down in Asia and are potential carriers of the H5N1 bird-flu virus to the Alaskan region.

Dr Battley says that while the 11,000km southern migration of the godwit from Alaska to New Zealand is thought to be the longest non-stop migration of any bird, not much is known about their northern route.

He is leading the New Zealand component of a collaborative research project with the United States Geological Survey and PRBO Conservation Science in the United States to learn more about global migration patterns of declining shorebird species in the Pacific Basin.

With Dr Brett Gartrell, a wildlife veterinarian with the University's New Zealand Wildlife Health Centre, and veterinarian Dan Mulcahy from the United States Geological Survey, Dr Battley oversaw the tagging of 16 godwits in the Firth of Thames and Golden Bay.

Eight of the birds were fitted with backpack tracking devices, and another eight had devices surgically implanted. Dr Gartrell says the implants are more secure than the backpack harnesses and do not affect the aerodynamics of flight.

The information gathered from the birds' flight will answer questions about their stops en route and their routes from New Zealand to Alaska. Dr Battley, who has been working on movements and demographics of godwits for the past three years, says the birds have a major stopover in the Yellow Sea region of eastern Asia.

He says three birds have recently landed in the Yellow Sea, with one covering 11,000 km in just over seven and a half days, at an average speed of 56 km/hr.

"This probably qualifies as the longest migratory flight of its type measured in the world. Everything points to this bird having flown from non-stop from New Zealand to



China."

Other birds have stopped in Papua New Guinea, the Southern Philippines and on an island in Micronesia, and the rest are flying towards China or the Korean peninsula.

"They fly in reasonably small flocks of 30 to 70 birds, and if one has touched down somewhere it is probable that a flock has landed."

The tagging project will also provide crucial information about the migratory behaviour of declining species. Throughout the East Asian and Australasian flyways, 85 per cent of shorebird populations are declining, and 40 per cent of shorebirds inhabiting Oceania are classified as threatened or near threatened.

Godwits arrive in New Zealand in September each year and the adults leave in mid-March, with adolescent birds staying until they are up to three or four years old. They are widely distributed, and the largest populations are found in the Kaipara Harbour, Manukau Harbour and Farewell Spit.

Dr Battley says annual population counts at these major sites show a decline in numbers, the reasons for which are not yet known. The increasing reclamation of tidal mud flats in Korea and China and the change in geography due to dams such as the Three Gorges Dam are also impacting heavily on bird life.

"We are entering a critical decade for these birds, so the research is timely and crucial," he says. The satellite track of the godwits' navigation can be viewed online at:

<http://www.werc.usgs.gov/sattrack/shorebirds/overall.html> and more information on the project is available at <http://www.prbo.org/cms/index.php>

Anti-design for designers

Dutch designer Gert Jan Leusink will visit the Wellington campus this week to talk about his experience in the early years of Droog design. Droog is a collective that re-thinks industrial design.

Droog's products consist of common, industrial or recycled materials resulting in close-to-home objects that deliver a social commentary with a highly individual character.

Design lecturer Matthijs Siljee says Droog design is described as anti-utopian, or anti-design.

Mr Leusink's talk will cover the background to the birth of Droog design from a sub-culture to commercial success and the role of industrial design for the economy and culture in the Netherlands and abroad.

Gert Jan Leusink will speak at 1:30pm on Wednesday 4 April, at the Museum Building theatre, Massey University, Buckle St. Entry is free.

His visit to New Zealand is sponsored by the University, the Embassy of the Kingdom of the Netherlands, and the Designers' Institute of New Zealand.

Fulbright award for sleep scientist

Sleep scientist Sarah-Jane Paine has won a Fulbright Travel Award to present her PhD research at a leading international conference.

Ms Paine holds the Health Research Council Māori Health PhD Scholarship, and is based at the Sleep/Wake Research Centre at the Wellington campus.

She will present a paper at the annual meeting of the Associated Professional Sleep Societies, the world's premier meeting on sleep science and medicine, to be held in the United States in June.

Her PhD research, titled *Circadian versus Psychosocial Factors in Habitual Sleep Timing*, investigated the prevalence of morning-type and evening-type people. Morning-type people, or early birds, get up early and prefer to be active in the morning. On the other hand, evening-type people, or night owls, stay up late.

"The study found that one in four New Zealanders aged 30–49 are morning people, one in four are evening types, and the rest are in the middle," says Ms Paine.

She also investigated the contributions of circadian physiology versus social factors (work patterns, family and social commitments) in determining individual differences in sleep timing.

Her research was innovative in that participants were able to sleep in their own homes and had no restrictions imposed on their sleep prior to coming to the sleep laboratory at



Sarah-Jane Paine.

the Sleep/Wake Research Centre. Additionally, the participants were all aged 30–49 years.

"These features contrast with most other research in this area, which imposes regimented sleep schedules on participants, and/or restricts participation to young adults, who often experience different social influences on their sleep timing," she says.

Ms Paine will meet leading international researchers at Harvard Medical School's Division of Sleep Medicine, participate in their Sleep Medicine Day and present a lecture.

The Sleep/Wake Research Centre is a multi-disciplinary team that works to improve the health, performance, safety, and well-being of New Zealanders through basic and applied research.

Boost for NZ's gene research capacity

Massey and Otago universities plan to jointly purchase state-of-the-art gene sequencing equipment worth \$2 million as part of a bid to significantly enhance the country's research capabilities.

The Mega DNA sequencers will use revolutionary new technology to produce DNA sequences 1000 times faster than existing technologies. Sequences, or segments, of DNA encode the genetic information by which living things survive and reproduce. Knowledge of DNA sequence will therefore be useful in almost any biological subject area.

Researchers at the universities anticipate wide applications in the horticultural, agricultural and biomedical industries, such as furthering understanding of livestock fertility and advancing research into mutations that cause cancer.

The new sequencers will also enhance ecological and evolutionary research and the identification of new organisms in land and sea samples, including potential ecological threats. They will be housed at the Allan Wilson Centre for Molecular Ecology and Evolution at Massey's Palmerston North campus and at Otago's Department of Anatomy and Structural Biology, and will be linked to a shared genetics database.

Researchers at institutions across the country could then access the technology through a high-speed internet network for research and education.

Allan Wilson Centre co-director Professor David Penny says the plans are a hugely exciting initiative for New Zealand scientists.

"I hope this joint initiative will provide a catalyst to upgrade New Zealand genomics resources and expertise," Professor Penny says.

"Purchasing these sequencers will be a first step in forming a genomics consortium to provide New Zealand scientists with access to large expensive equipment," says consortium convener Professor Tony Reeve, who is Director of Otago's Cancer Genetics Laboratory.

Anatomy and Structural Biology Head Professor David Green says Massey and Otago universities have had a long relationship in the area of genomic research.

The Allan Wilson Centre for Molecular Ecology and Evolution is one of the original five Centres of Research Excellence established in 2002 by the Government. It is hosted by Massey University in conjunction with the universities of Auckland, Canterbury and Otago and Victoria University of Wellington.

It comprises world class ecologists, evolutionary biologists and mathematicians who work together to unlock the secrets of our plants, animals, and microbes.

Doctor fatigue still a risk despite changes to working hours

One in four junior doctors say they have fallen asleep at the wheel of their car while driving home from work, a study into fatigue levels has found.

But cutting junior doctors' working hours and giving them more rest breaks is not enough to reduce fatigue or the risk of error, according to the study.

"We found that long work hours are not the only aspect of work patterns that needs to be managed to reduce sleepiness and fatigue related clinical errors," says Professor Philippa Gander, Director of the Sleep/Wake Research Centre, who led the study.

"Our findings support the view that a more comprehensive risk management approach is needed to reduce doctors' sleepiness and improve patient safety," she says.

She says other options need to be explored, including redistributing nightshift duties.

The doctors were working 40 or more hours a week in accordance with schedules designed to limit weekly working hours, ensure adequate rest breaks, and reduce the associated risk of errors. Each doctor was given a fatigue risk score by combining 10 aspects of work patterns and sleep in the preceding week.

Thirty per cent of respondents were classified as "excessively sleepy" according to a recognised sleepiness scale. Two-thirds said they had come close to falling asleep at the wheel in the previous year, and one in five said that this had happened on at least five occasions.

Two-thirds said that they had made a mistake associated with fatigue at some point in their careers, while more than four out of 10 said that this had happened in the preceding six months.

Night shifts and unscheduled changes to rosters were more consistently linked to sleepiness and errors than the total number of hours worked, after taking account of age and other factors.

Conversely, regular access to supervision reduced the likelihood of sleepiness and errors, irrespective of the total hours worked.

The study was published in *Occupational and Environmental Medicine*. It was authored by Professor Gander, Heather Purnell, and Associate Professor Sandy Garden from the Sleep/Wake Research Centre, and Professor Alistair Woodward, from the School of Population Health at the University of Auckland.

Illustrators on show

Massey graduates Caroline Campbell and Denise Deakin are among leading New Zealand illustrators whose work is on show at Wellington's Exalt Gallery.

Ms Campbell, a lecturer in the Institute of Communication Design, says it's rare for practitioners whose work is primarily conceived for commercial purposes to have this opportunity.

Inception shows at Exalt Gallery, corner of Blair and Wakefield Streets until 17 April.



Supporting upcoming dairy leaders

Scholarships worth \$4000 were recently presented to 23 students enrolled in agricultural Bachelor programmes by Dexcel Ltd.

A commercial trust owned by New Zealand dairy farmers, Dexcel Ltd offers 50 scholarships annually to undergraduate students at Massey and Lincoln universities.

The scholarships aim to build capability in the dairy industry by supporting top students who are likely to become industry leaders. Information on the scholarship scheme can be found at: <http://www.dexcel.co.nz>

The 2007 recipients are: Caitlin Berry, Masterton; Samuel Howard, Palmerston North; Abby Hull, Masterton; Nathan Nelson, Tuakau; Rodger Douglas, Whangarei; Neil Best, Drury; Wayne Hofmann, Waihi; Gregory Buhler, Hawera; Glenn Chambers, Pukekohe; Paul Edwards, Warkworth; Emma Field, Feilding; Charis Rigler, Wellington; Ryan Luscombe, Manaia; Roseanne Algie, Eketahuna; Andrew Bouton, Masterton; Ross Neal, Wellsford; Sophie Stanley, Taupo; Duncan Wait, Hamilton; Samuel Werder, Patea; Simeon Ward, Hamilton; Andrew Beijeman, Taupo; Paul Hopkins, Tauranga; and Louise Robinson, Cambridge.

Taste of Big Apple inspires young design graduate

In the thick of the world's most glamorous top models, esteemed fashion gurus and trend-hungry international media at the New York Fashion Week – that's where fashion designer Sara Smeath (Ngāti Manu, Ngāpuhi) found herself earlier this year.

The Massey graduate joined top New Zealand fashion designer Karen Walker at the event for a week to help behind the scenes preparing Walker's latest collection for showing.

"I was very lucky to have been there," says the 22-year-old from Kawakawa, who gained a Bachelor of Design in fashion and textiles after four years at Massey's Wellington campus in the College of Creative Arts.

Ms Smeath's entry into the upper echelons of couture was the result of winning the Air New Zealand Inspiring New Zealanders in Fashion Scholarship last year. Her collection, consisting of layered combination of a dress, tights, coat and t-shirt and titled "Onions Don't Make Me Cry" earned her a three-month internship with Walker and apartment accommodation in downtown Auckland.

Despite being "hard work" and "very hectic", Ms Smeath says her initiation at the New York fashion scene was eye-opening in terms of the massive preparation, detail and work that goes into presenting a top-level collection.

Bachelor of Design graduate Sarah Smeath at Karen Walker's workshop in Ponsonby, Auckland.

It also gave her a taste of what she'd like to aspire to and an insight into the variety of fashion-related job opportunities that exist – from casting agents to hair and makeup artists, stylists, publicists to name a few.

Back home, Ms Smeath is busy at the Ponsonby workroom preparing samples from Walker's latest winter collection for London, Japan and Australian fashion press and buyers.

She has a weekly one-on-one mentoring session with Walker during which time the successful designer gives feedback on the results of the design brief she's given Ms Smeath for the week. She answers questions and shares advice on any aspect of the fashion

Misleading food claims cause fresh health concerns

A recent Commerce Commission case against Ribena highlights researchers' concerns that health claims about foods may give rise to misleading impressions, says marketing professor Janet Hoek.

Professor Hoek says it is important to build on the lessons learned in the Ribena case, which saw the company fined \$217,000 after admitting it had misled the public over the levels of vitamin C in the drink.

GlaxoSmithKline, which produces Ribena, claimed blackcurrants had four times more vitamin C than oranges, when in fact the product had only very small amounts of the vitamin. Tests also showed Ribena had more sugar than Coca Cola.

Professor Hoek says there is a danger that this incident will be seen in isolation. "It doesn't take more than an educated guess to realise that other food products marketed as beneficial to health, for example by being low in fat or sugar, may also be misleadingly or deceptively labelled."

She says it is reassuring that the Commerce Commission took a court case against GlaxoSmithKline but disturbing that the two school girls who did the initial tests on the product in 2004, said they were brushed off

when they took their findings to the company, the Advertising Standards Authority and marketing organisation Brandpower.

"However there is now an even higher awareness of the danger of obesity and the importance of consumers having access to correct and easily accessible information about food. The use of health-related claims has a very clear potential to mislead and deceive consumers.

"The Ribena case highlights the need for clear food labelling such as a traffic lights system, where consumers do not need to interpret complex nutrition information before making a purchase decision," she says.

Professor Hoek says although the Ribena case has received wide publicity, the public are exposed to many advertising claims, at least some of which they will accept at face value. "Over time, consumers become conditioned to respond to claims such as 'lite' or 'high fibre', which imply a product is healthy when it may, for example, contain very high sugar levels. Marketers are adept at using puffery to imply benefits that do not exist."

She is calling for more research to explore how consumers access, use, understand and respond to health claims.



Doctoral student Jane Legget, with one of the contributors to her research, Larry Robbins who is CEO of the New Zealand National Maritime Museum in Auckland. Mr Robbins is also guest speaker at the College of Business graduation ceremony in Auckland where Ms Legget will receive her PhD in Management.

Mapping what matters in museums

Mapping what matters in New Zealand museums, took doctoral student Jane Legget on a fascinating journey through the nations' museums.

It has also led to a challenging job at Te Papa and to her graduation this year. Now travelling the country as Museum Development Officer for Te Papa, she will be awarded her PhD at the University's graduation ceremonies in Auckland in this month.

Against a backdrop of greater accountability for publicly-funded institutions, Ms Legget's research investigates how managers of museums report on performance and what stakeholders perceive to be evidence of sound performance.

In essence she found that visitor numbers

were often the sole indicator in accountability reporting by museum managers.

However she found that what mattered most to community stakeholders was not the number of visitors, but the quality and care of the collection and the calibre and effectiveness of the staff.

"Stakeholders want to know that their heritage is being looked after appropriately by qualified people," she says.

She surveyed museum directors nationwide to gather data about performance assessment and a range of stakeholders, including Māori groups. She says her research contributes to assessing museum performance in the future.

"Findings suggest that museum performance indicators in New Zealand

should extend beyond a focus on visitor numbers and satisfaction to include collection health, staffing quality, Māori concerns and community relationships. Assessment of these factors would enable museums to better account for their performance as community assets."

She says she is delighted to now be working in a museum and to be able to contribute to insights within museum management, as the result of her studies.

As a member of Te Papa's National Services team, she has played a role in the 'graduates into museums initiative', which is effectively a paid internship for graduates in museum studies, including those from Massey's pioneering programme.

New name for Commercial Complex

The Commercial Complex on the Palmerston North campus has been renamed the Courtyard Complex following the opening of the newly-refurbished Students Centre, and the move of commercial companies that provide services to students, to the heart of the campus.

Regional Registrar (Facilities Management)

Paul Compton says the name change is part of a strategy to rationalise and consolidate the use of space on the campus, which will reduce operating costs and provide much better working space for the groups that are moving to the Courtyard Complex.

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

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

Next deadline: **Monday 16 April 2007**

In the news

7 March

The New Zealand Herald: Dr **David Tripe**, from the Centre for Banking Studies, says that while many New Zealanders are unhappy with their current banks, only a small percentage actually change. This is due to heavy financial ties such as mortgages, which are costly to sever.

The Dominion Post, The Press, Waikato Times, stuff.co.nz: Dr **David Tripe** says Ann Sherry, Westpac New Zealand Chief Executive made a huge impact on both the image of the bank and the morale of its staff, by taking a genuine interest in her employees.

8 March

TVNZ Breakfast, The New Zealand Herald: Dr **David Tripe** participates in a discussion on the Reserve Bank Governor's forecast to lift the official cash rate in the first increase in 18 months, amid pressure to control inflation.

9 March

TVNZ Breakfast: Dr **Claire Matthews**, from the Department of Finance, Banking and Property, participates in a discussion on the Reserve Banks plans to lift the official cash rate and warns of more rises in a bid to control both inflation and house prices

10 March

The Dominion Post: Dr **David Tripe** says Reserve Bank Governor Alan Bollard's idea to demand more capital in relation to credit for housing would hit first-home buyers the hardest.

The Dominion Post: Professor **Bob Hargreaves**, from the Department of Finance, Banking and Property, says the property market in New Zealand is a demand-supply market, where pricing pressures are rising as people look to purchase land in coastal areas.

11 March

Herald on Sunday, Christchurch Star: Dr **David Tripe** says because the competition for the mortgage market is so high, it is unsurprising that many banks are offering incentives and loans to people they wouldn't have three years ago.

Herald on Sunday, Christchurch Star: **Mel Wah Williams**, from the School of Psychology, says the reasons many women stay with their partners, such as the wives of accused men Bob Schollum and Brad Shipton, includes a fear of being on their own, or a genuine need for their partner.

13 March

The Dominion Post, The Press, Waikato Times, RLI, Southland Times: Professor **Bob Hargreaves** says the results of a Research New Zealand Poll showing more than 80 per cent of New Zealanders oppose a capital gains tax on property sales, is not surprising,

as it reflects an attitude of "only if it doesn't affect me".

Scoop.co.nz: Dr **Greg Clydesdale**, from the Department of Management and International Business, conducted a study into what drove the Beatles to success. The study has sparked interest internationally, featuring in the *American Creative Research Journal*.

The Press, The Dominion Post, Manawatu Standard, Taranaki Daily News, Ashburton Guardian, Timaru Herald: Dr **Kate Hill**, from the Institute of Veterinary Animal and Biomedical Sciences, says because New Zealanders are so willing to foot bills of up to \$15,000 to keep their felines and canines alive, these animals have become the mainstay of the veterinary industry.

14 March

The New Zealand Herald: Professor **Michael Belgrave**, from the School of Social and Cultural Studies, questions the basis of a proposal for a Treaty settlement covering Greater Auckland that has sparked claims by six Iwi and Hapu who believe the crown dealt unfairly with them. Professor Belgrave believes the research for this proposal was not in-depth enough, and failed to take into account a wide range of Māori sources and concepts.

Southland Times, stuff.co.nz, Taranaki Daily News, Marlborough Express: **Veronica Hopner**, a Health Psychology Masters student, has examined 15 websites that offer breast augmentation, and says New Zealand cosmetic surgeons are underplaying the risks and complications involved with breast implants and are failing to give an indication of the likelihood of further surgery.

15 March

RNZ Checkpoint: Dr **Farah Palmer**, from the Department of Management, participates in a discussion on the admission by the Education Ministry, that it was a mistake to delete references to the Treaty of Waitangi from the draft curriculum that determines what is taught in the nation's schools.

16 March

The Dominion Post, The Press: Dr **David Tripe** says a crisis in mortgage lending that is currently effecting the United States finance sector, is unlikely to have a flow-on effect in New Zealand.

17 March

The Dominion Post, Manawatu Standard, RNZ: Professor **Taiarahia Black**, from the School of Māori Studies, says the proposed plan for more wind turbines in the Tararua Range will weaken the mauri and mana of the range of mountains.

16 March

Manawatu Standard, Waikato Times: Dr **Henry Chung**, from the Department of Commerce, has studied the immigrant effect for more than a decade

and believes immigrants are an untapped resource for businesses trading overseas and not enough is being done to use their specific areas of expertise and knowledge about the marketplace they originate from.

17 March

TV3 News: Associate Professor **Glyn Harper**, from the Centre for Defence Studies, participates in a discussion on the family of WWII hero Lance Sergeant Haane Manahi accepting a royal honour from Duke of York Prince Andrew.

19 March

The New Zealand Herald, RNZ: Professor **Vince Neall**, from the Institute of Natural Resources, was a part of a team taking samples of the Mt Ruapehu lahar before, during and after the rupture.

The Dominion Post, stuff.co.nz: **Mark Zeman**, from the School of Design, has created an Internet search engine that combines the results generated by other search engines with data entered by its users, and allows an interaction between the user and their search engine to improve future searches.

20 March

The Dominion Post, The Press, Taranaki Daily News: Dr **David Tripe** says the decrease in average interest being charged on credit card debt showed people are paying off more of their credit card debt each month, and says the reason for the increasing popularity of credit cards is because they are a convenient payment form.

TRN: Associate Professor **Glyn Harper** speaks on the release of his new children's book entitled *My Grandfathers War*

21 March

The New Zealand Herald, The Dominion Post, The Press, Herald on Sunday, Wanganui Chronicle, Southland Times: Dr **David Tripe** says the BNZ is trying to regain some of the initiative in the personal banking sector by allowing families to pool their accounts to gain higher interests, and says that the bank has lost much of the personal market due to being so business focused.

Manawatu Standard: **Rachael Rakena**, from the School of Māori Studies, collaborates with a team on an exhibition titled Aniwanuiwa which combines film and sculpture, being shown at the biennale, a cultural event in Venice.

RLI: Professor **Kerry Howe**, from the School of Social and Cultural Studies is sceptical over claims in a new book that the Portuguese discovered New Zealand 250 years before Captain James Cook, because the map doesn't amount to hard evidence.

22 March

RNZ Morning Report: Professor **Mason Durie**, Deputy Vice-Chancellor (Māori), talks on the census data that has revealed a big effort is needed to increase the educational qualifications of Māori males.

23 March

The New Zealand Herald, The Press, nzherald.co.nz, RNZ, Southland Times, Otago Daily Times, Ashburton Guardian: Professor **Phillippa Gander**, from the Sleep/Wake Research Centre, conducted a study into the fatigue levels of young doctors, which has revealed one in four doctors have fallen asleep while driving home from work, and two-thirds have made mistakes at work due to tiredness.

The New Zealand Herald, The Dominion Post, scoop.co.nz, RLI, Waikato Times, Manawatu Standard, Marlborough Express, Bay of Plenty Times, Wanganui Chronicle, Wairarapa Times-Age, The Daily Post: Dr **Shane Cronin**, from the Institute of Natural Resources, is part of team sent to track the lahar downstream, and collect witness records of its behaviour as it pours down the Whangaehu Valley.

Manawatu Standard, Dominion Post, Waikato Times, scoop.co.nz: Professor **Grant Guilford**, from the Institute of Veterinary, Animal and Biomedical Sciences, at the opening of the new Hopkirk Research Institute, says that because New Zealand has such a biologically based economy, animal science is critical to economic and social well being.

27 March

RNZ Mana News: Dr **Christine Cheyne**, from the School of People Environment and Planning, conducts research that has found young Māori are unlikely to vote at the local body elections this year.

Research Funding Opportunities

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

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

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massey.ac.nz/research/rms/fops/internal.cfm for access to forms.

International Visitor's Research Fund (IVRF)

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

DEADLINES - 1 February, 1 May, 1 August & 1 November 2007

Grant Development Fund (GDF)

The Grant Development Fund has been established to provide seed funding to help establish or develop teams (normally a minimum of three (3) or more people) that will then be competitive in applying for external funding. This fund is not intended to fund research as such but specifically those activities associated with the development of a grant application. The resulting external funding application should be for \$1 million. The maximum funding that will be granted from the GDF in any one year is \$25,000.00. It is anticipated that the funding will be used to release key research staff from teaching or administrative duties, for travel, administrative support for the research team and grant writing.

DEADLINES - 1 February, 1 May, 1 August & 1 November 2007

Massey University Māori Award (UMA)

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

Please note: All interviews are at the discretion of

the relevant interview panel and if required to attend the interviews are held 13 June 2007.

DEADLINE - 1 June 2007

Massey University Women's Award (UWA)

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

DEADLINE - 1 June 2007

Massey University Research Fund (MURF)

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

DEADLINE - 2 July 2007

Post Doctoral Fellowship (PDF)

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

DEADLINE - 2 July 2007

University Technicians Award (UTA)

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

DEADLINE - 2 July 2007

University Research Fellowship (URF)

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

DEADLINE - 2 July 2007

University Research Awards (URA)

Available to Lecturers or Senior Lecturers, who are PBRF-eligible, in all Colleges except Sciences. Up to \$10,000 in casual assistance is made to the





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Massey University



Te Kūmara
ki Pūrehuroa

Department/Institute/School to enable relief from some normal teaching and administrative duties to complete current research.

DEADLINE - 2 July 2007

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

College Research Awards and Massey University Research Medal

Applications are now open for the annual College Research Awards and Massey University Research Medal.

DEADLINE - 2 July 2007

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

The following categories are available:

College Research Award - Individual

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

College Research Award - Supervisor

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

College Research Award - Early Career

This Research Award has been established to recognize and promote research excellence within each of the Colleges. One award may be granted annually with the objective of the award being to recognize staff who have completed their PhDs, or equivalent, within the past seven years and who are showing research potential and leadership of the highest calibre. It will be presented at an appropriate ceremony. The winner of this award in each College will automatically be nominated for the Massey University Research Medal - Early Career. The University Medal may be awarded annually and a research grant of \$10,000.00 made.

Massey University Research Medal - Team

The Research Medal has been established in order to recognize outstanding research contributions by

a team. One medal may be awarded annually to each full-time academic or research member of the team and a research grant of \$25,000 will be awarded to the team.

TRAVEL FUNDING AVAILABLE

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

Paykel Trust

Travel Grants

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

COS Unique ID: 91440

DEADLINES: 1 June & 1 October 2007

Paykel Trust

Conference Support Grants

The Trust Board provides grants-in-aid for the support of scientific conferences in health-related fields organised by academic institutions or professional organisations within New Zealand. Priority will be given to conferences with an emphasis on research and research training. Conference support grants are not intended to support personal travel to attend overseas conferences. Applicants seeking such support should apply for a Paykel Trust Travel Grant.

COS Unique ID: 91442

DEADLINES: 1 June & 1 October 2007

National Heart Foundation (New Zealand)

Limited Budget Grants

The foundation awards Travel Grants to enable medical or non-medical workers to travel in New Zealand or overseas for short-term study or to attend conferences.

Applications must fit within the aims of the National Heart Foundation which are "to promote good health and to reduce suffering and premature death from diseases of the heart and circulation."

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

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

COS Unique ID: 30916

DEADLINES: 1 June & 1 October 2007

HRC – Japan Society for the Promotion of Science

Exchange of Scientists and Postdoctoral Fellows

The objective of these awards is to support the exchange of visits of New Zealand scientists to Japan and for Japanese scientists to New Zealand. The duration of the visits will depend upon the program category. There are two program categories: Scientists and Postdoctoral Fellows.

It is intended that collaborations among health and health science researchers under this program will lay the foundations for establishing cooperative research networks between Japan and New Zealand.

COS Unique ID: 102941 and 102942

DEADLINE: 15 June 2007

Winston Churchill Memorial Trust

Churchill Fellowships

Churchill Fellowships are intended for travel, typically of between three weeks and three months duration, for intensive investigative research.

The Trust helps all kinds of New Zealanders - including community workers, engineers, business people, actors, teachers, nuns, artists - to travel overseas and bring back with them new insights and understanding that will enrich their community and, ultimately, New Zealand as a whole.

COS Unique ID: 1638

DEADLINE: 31 July 2007

Royal Society of New Zealand

IGAC Young Scientist Travel Award

The Society established these awards to assist students undertaking PhD degrees at New Zealand universities to attend their first overseas scientific conference (this includes summer schools or workshops).

COS Unique ID: 97854

DEADLINE: 1 September 2007

Royal Society of New Zealand

KAREN (Kiwi Advanced Research and Education Network): Event Support and Travel Fund

The Research and Education Advanced Network New Zealand is building a next-generation telecommunications link for New Zealand educators, researchers and innovators, called KAREN (Kiwi Advanced Research and Education Network). REANNZ has established a Capability Development Fund for KAREN. The fund contains over \$4m to be invested in capability development over the three years to June 2009.

COS Unique ID: 102845

DEADLINE: 27 October 2007

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Research Development Advisor - General Contact

Diana Young

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

Scholarships and Bursaries

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

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

Undergraduate

AGCARM Veterinary Science Scholarship

– closing 5 April 2007

Sasakawa Fellowship Fund for Japanese Language Education Programme

– closing 7 April 2007

Eltham District Veterinary Services Michael Higham Memorial Scholarship

– closing 13 April 2007

Grace Kay Veterinary Scholarship

– closing 13 April 2007

Henrietta J Peacock Bursary

– closing 13 April 2007

Ministry of Health Hauora Māori Scholarships

– closing 13 April 2007

Massey University (PN Campus) Undergraduate Students' Arts Bursary

– closing 15 April 2007

Women's Suffrage Undergraduate Bursary

– closing 15 April 2007

Kirsa Jensen Award

– closing 23 April 2007

Māori Education Trust

– closing 27 April 2007

Mana Taiao

– closing 30 April 2007

Margaret Richards Bursary

– closing 30 April 2007

Sir Robert Jones Undergraduate Scholarship in History

– closing 30 April 2007

Sir Robert Jones Undergraduate Scholarship in Philosophy

– closing 30 April 2007

Wellington City Council Award for Creativity and Innovation

– closing 30 April 2007

Postgraduate

Catherine Baxter Scholarship

– closing 10 April 2007

Ministry of Health Hauora Māori Scholarships

– closing 13 April 2007

Graham Chalmers Allen Memorial Scholarship in Veterinary Science

– closing 18 April 2007

Norman Cunningham Fellowship

– closing 18 April 2007

Massey University Affinity Card Bursary

– closing 21 April 2007

Maori Education Trust

– closing 27 April 2007

Mana Taiao

– closing 30 April 2007

Margaret Richards Bursary

– closing 30 April 2007

Natural Resource & Environmental Economics Scholarship

– closing 30 April 2007

Palmerston North Heritage Trust Scholarship

– closing 30 April 2007

Senate Communications Research Grants in Management Communications

– closing 30 April 2007

Sir Robert Jones Postgraduate Scholarship in History

– closing 30 April 2007

Terralink International Limited Scholarship

– closing 30 April 2007

Wellington City Council Award for Creativity and Innovation

– closing 30 April 2007

Events

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

WN – Tues 3 April to Thurs 5 April

8am – 12pm

Social Policy, Research and Evaluation (SPRE) Conference 2007

Come share ideas and debate with leading social policy makers, practitioners, researchers and evaluators from New Zealand and around the world.

SUB-THEMES

- Social investment: Effective, fair and sustainable social investment for New Zealand
- Social dynamics: Implications for change and cohesion
- Enduring social challenges: The future of our families
- Global context for social policy: Building engagement to maximise opportunities

Subsidies available for postgraduate students. For more information, visit the Social Policy, Research and Evaluation Conference 2007 website:

<http://www.msd.govt.nz/social-policy-conference>

Venue: The Wellington Convention Centre

Contact: Morna Matangi-Want

Ph: 04 978 4172

WN – Wed 4 April

1pm – 3pm

Droog Design: from a sub-culture to commercial success – Gert Jan Leusink

New Zealand audiences have their first chance to hear about a controversial design movement from one of its instigators.

Dutch designer Gert Jan Leusink will talk at Massey's Wellington campus on 4 April about his experience as designer in the early years of Droog design.

This free public presentation will be rich in images and will cover - an overview of the role of industrial design for the economy and culture in the Netherlands and abroad - background to the birth of Droog design, and Droog: from a sub-culture to commercial success.

Droog: Dutch Design Showcase is on at TheNewDowse in Lower Hutt until 15 April. <http://www.leusink.com>

Venue: Museum Building Theatre

Contact: Matthijs Siljee

Ph: 04 801 5799 x6343

WN – Wed 4 April

12.15pm – 1pm

Bidding for Funding – Dr Roger Lins, Diana Young
Research Management Services was reorganised last year. Out of this process, a Research Development team was formed to provide support to academic staff bidding for research funding. Advisors are each aligned to an academic College to provide assistance with interpreting guidelines, meeting internal and external requirements, and bid writing. Roger Lins is the Advisor for the College of Sciences across all three campuses.

To assist researchers to identify new funding opportunities, Massey subscribes to the Community of Science Funding Opportunities Database, a

comprehensive database of available research funding. Diana Young (x81341, d.m.young@massey.ac.nz) provides COS training & support, and prepares fortnightly Funding Opportunities Newsletters that are distributed to academic units.

In this seminar Diana will demonstrate the use of Community of Science funding opportunity database, and Roger will speak briefly about his Advisor role & answer questions about overheads & other vexing issues. <http://www.massey.ac.nz/massey/research/rms/fops/cosfo.cfm>

Venue: Block 5, Level F, Room 32

Contact: Jim Jones

Ph: 6719

WN – Thurs 5 April

1pm – 2pm

NZSM Orchestra

A concert presenting the many talents of the New Zealand School of Music performance programme. Kicking off with Tchaikovsky's much loved Violin Concerto and culminates with his opulent Fifth Symphony. The programme also includes the Saxophone Concerto by Pierre Max Dubois, winner of the 1955 Prix de Rome. Starring 2006 NZSM Concerto Competition winners Sarah Drake (violin) and Taleim Edwards (saxophone) <http://www.nzsm.ac.nz>

Venue: St Andrews on the Terrace, 30 The Terrace, Wellington

Contact: Debbie Rawnsley

Ph: 04 463 6050

WN – Thurs 12 April

9am – 4pm

Building synergies through partnerships: The research policy nexus

On Thursday 12 April 2007 the New Zealand Centre for SME Research at Massey University will bring you the results of our most recent research at our annual research symposium.

You can telephone the Centre (04 801 5799 ext 6436) for further information or download the attached programme.

Professor Claire Massey

Director of the New Zealand Centre for SME

Research at Massey

Venue: The Museum Building (front Entrance), Buckle Street, Entrance D, Wellington

Contact: Allison Taranchokov

Ph: 6436

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.

Submission of notices and events:

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

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

Next deadline: Monday 16 April 2007

General Notices

editor@massey.ac.nz

Academic Dress Hire

The closing date for student orders for all campuses is past, but late applications are still being considered subject to stock availability. This matter is urgent.

A comprehensive website is available for all information on Academic Dress Hire:

www.masseygowns.org.nz

Staff wishing to hire robes for ceremonies at Palmerston North and Wellington should go to www.masseygowns.org.nz/hirestaff.html to

complete an application form.

Staff orders are due by Monday April 16th. The gownroom is unable to accept bookings in the 2 weeks prior to graduation.

Qualification Reviews

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

Postgraduate Certificate in Tertiary Teaching,

17 April

Master of Educational Studies/Master of Philosophy (Education),

24 April

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

31 July

Graduate Diploma of Teaching (Primary), 6 June

Te Aho Tatairangi,

28 August

Certificate in Human Development

18 September

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

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

Should you have any queries on any matter relating to these qualification reviews, including making a submission please contact:

Pat Hickson, Project Administrator,

College of Education,

Email p.hickson@massey.ac.nz

Massey News Online

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

@Massey National

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

@Massey Manawatu

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

@Massey Business

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

@Massey Arts

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

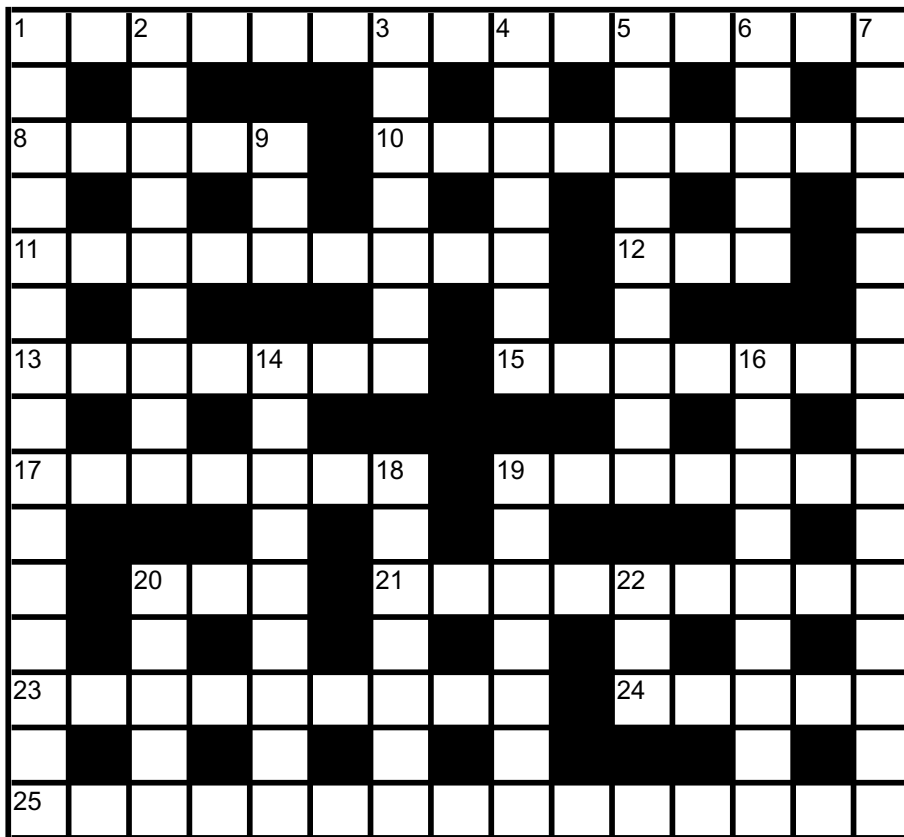
See for yourself what makes *Massey News* one of New Zealand's most popular news sites.

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

People in the news

Communications and marketing staff monitor news and media outlets, but appreciate notification from staff of their media contributions/achievements.

Please email editor@massey.ac.nz with your contribution so that it may be included in Massey News.

**Across**

- 1 US lodge members were given a hard time by Bill Cody and his friends. (8, 7)
 8 Shocks these bunches. (5)
 10 Tread on the suit, that's the way to get up in the world! (9)
 11 Done with the dark, but right through it. (9)
 12 Cold rocks? (3)
 13 Cries out about a painful sound, and turns fallow. (7)
 15 Confusion at a raid on the timber. (7)
 17 Recovers, though it might seem to be from debts. (7)
 19 Casually dressed, and without a case. (7)
 20 The news is none, one, or fifty. (3)
 21 Hung up on not being allowed to work. (9)
 23 Giving the general impression of wearing clothes inside-out. (9)
 24 Lightweight cat, this one. (5)
 25 What a government can assume when a pinch gives energy. (9, 6)

Down

- 1 Any lot disturbed at the North Pole is likely to be found at Barchester. (7, 8)
 2 When fee bled him white. (9)
 3 Gives as evidence. (7)
 4 A stabler run amok with a ray-gun! (7)
 5 A city in China used for tender shelter. (9)
 6 An opening set in stone. (5)
 7 A serious operation on the head provided out of kindness. (15)
 9 Boy! this sounds like a star! (3)
 14 Above all, dead and down. (9)
 16 A caper that brings in the bread, plenty of it! (9)
 18 Sitting down at the meeting. (7)
 19 Flowers smell of happiness. (7)
 20 Out and about, strangely enough. (5)
 22 Selfish if on a trip. (3)

New Zealand Geographic Calendars

Thanks to *New Zealand Geographic* magazine, *Massey News* has 50 Calendars to give away to staff.

To go into the draw to win one, please send your completed crossword from this issue to:

Massey News Editor
 Communications and Marketing PN212

Remember to include your name and contact details so that we can notify you if you win, and direct you to your campus Communications Adviser to collect your prize.

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Notices: All notices should be sent to editor@massey.ac.nz by Monday prior to publication.

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

Advertising: All classified advertisements, including accommodation, are now available online at <http://ads.massey.ac.nz>. For paid advertisement enquiries, contact the editor.

Circulation: Please advise David Wiltshire of your circulation and delivery changes.
 email: d.wiltshire@massey.ac.nz

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Not even the weather dampened the spirits of first-years on campus during Orientation

Students flood back to campus



Jean-Paul Dutoit finds out about student job search from Briget Smith at Auckland.



Josh Shand gets into the swing of Orientation in Wellington.



Palmerston North's Market Day proved to be a tough crowd.