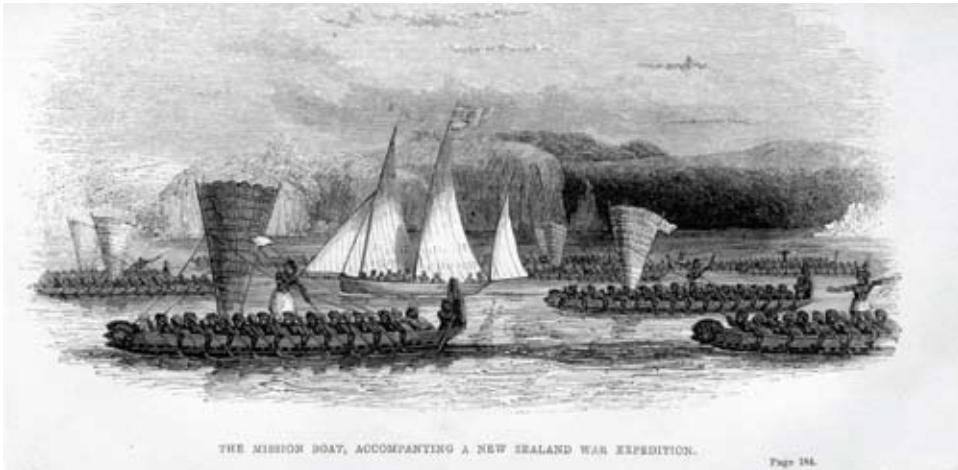


# THE UNIVERSITY OF AUCKLAND

# news

Fortnightly newsletter for University staff | Volume 37 | Issue 14 | August 3 2007

## Rich resource for new research



From *Early New Zealand Books. An Account Of New Zealand, William Yate. 1835 2nd ed. The Mission Boat, Accompanying A New Zealand War Expedition Near Paihia.*

“These are treasures handed down and now handed out to reach many more people,” said Professor Dame Anne Salmond in officially launching the link to the University Library’s New Zealand and Pacific Digital collections on LEARN.

And indeed the major advantage of this rich resource is that it creates new research opportunities by making information more accessible to scholars.

The New Zealand and Pacific Digital collections, launched at the Fale Pasifika on 23 July, include important collections comprising digitised photographs, plans, drawings, video and audio recordings, monographs and journals. These established collections include “Early New Zealand Books”, “Architecture Archive Images”, the “Anthropology Photographic Archive”, “Smithyman Online” and the “New Zealand Electronic Poetry Centre”.

Among recent significant work to enrich the collections is a major project to digitise *The Journal of the Polynesian Society*. The process involves not only digitising the articles but also adding XML tags to titles, images and authors’ names to enable searching on particular parts of the articles.

“Already the first ten volumes have been digitised”, says Brian Flaherty, Assistant University Librarian for IT. “Now we have permission from the Polynesian Society to digitise the first 100 years of the *Journal* from 1882 to 1991.”

The other important new collection is “ResearchSpace”, a repository service for archiving

and providing access to research publications from University staff and students, with the initial focus being on developing a repository of digital PhD theses. Over 800 abstracts of PhD theses, many of which include the full text of the thesis, are now accessible internationally via web search engines such as Google Scholar.

“Authors have been unanimously delighted when contacted for permission to do this,” says Brian. “One benefit of the ‘ResearchSpace’ software is in providing a permanent digital location. Even if the physical location is changed, a thesis will always be able to be found.”

The importance of the New Zealand and Pacific Digital Collection is indicated by its prominence on the front page of the University Library’s website.

“The enormous wealth of information held by the Library means there are many resources competing for front page space,” says University Librarian Janet Copey. “Digital publishing is a new strategic focus for the Library. We are not only purchasing digital material for the collections but also creating new digital publications for scholars and members of the wider national and international community interested in New Zealand and Pacific primary materials.”

The University Library hosted a two-day meeting of the Library and Information Advisory Commission on 23 and 24 July. Commissioners, including the Chief Executive of the National Library, and many members of the Polynesian Society, attended the launch.

## Key events

### Challenges in the arts

National Party Arts spokesman Chris Finlayson will speak on 3 August at the National Institute of Creative Arts and Industries. The presentation, “Future directions in the arts”, outlining the scope of work in the arts sector and identifying the challenges he believes it is facing, will be held from 12.55pm to 2pm in the School of Music Theatre, 6 Symonds Street. Staff and students are welcome. Come early to get a seat.

### Homage to engineering

Now on at the Gus Fisher Gallery, until 1 September, is “Clean machine: Homages to engineering in contemporary art”. Six artists have contributed to this group show, curated by Nicole Edwards and Linda Tyler, Director of the University’s Centre for Art Research and Discovery. The gallery is open Monday to Friday 10am to 5pm and on Saturdays from 12noon to 4pm at the Kenneth Myers Centre, 74 Shortland Street.

### Bananas NZ Going Global

This international conference on 18 and 19 August will look in a fresh way at New Zealand’s shifting identity, culture and people, tracing the journeys and leadership of Chinese people in New Zealand and overseas. People of all ethnicities are encouraged to attend as one of the aims is to build intercultural understanding. Sessions will cover Chinese communities and their sense of belonging, inspirational Chinese, conversations with international guest speakers, the interface between China and New Zealand, and a discussion of multiculturalism in New Zealand. Keynote speakers include Associate Professor Manying Ip (Asian Studies). Professor Margaret Mutu (Maori Studies) and Professor Jillnaught Wong (Accounting and Finance) will take part in discussion groups. The venue is the Fisher & Paykel Appliances Auditorium at the Business School, 12 Grafton Road.

### In this issue

- 2 | Research Awards presented
- 3 | FRST-funded projects
- 4 | Women in leadership

## From the Vice-Chancellor

The last couple of weeks have provided us with important opportunities to celebrate the achievements of University of Auckland researchers.

The annual Research Awards function held on 19 July acknowledged the achievements of researchers who are at the beginning of their careers.

Best Doctoral Thesis awards went to Dr Simon Ingram (Fine Arts), Dr Gavin Wight (Civil and Environmental Engineering), Dr Dipika Vandranbhai Patel (Ophthalmology), Dr Richard Umstatter (Statistics) and Dr Quentin Atkinson (Psychology).

The Early Career Research Excellence Awards recognise and promote excellence and research leadership potential among emerging researchers at The University of Auckland. The winners, who received a certificate and a research grant of \$30,000, were Dr Tuure Tuunanen (Information Systems and Operations Management), Dr Yu Lung Chiu (Chemical and Materials Engineering), Dr Johanna Montgomery (Physiology), Dr Scott Graham (Pharmacology and Clinical Pharmacology) and Dr Mark Hauber (School of Biological Sciences). I congratulate them, and the Doctoral Thesis winners, on this impressive start to their research careers.

At the same event, Tom Barnes was able to announce some "breaking news" in the form of results from the recent FRST round. Of the 17 applications submitted by this University, 13 were funded, three were considered to warrant funding but could not be supported within current FRST constraints, and only one was not considered to be "fundable". Overall, these projects will bring \$29.8 million in research funding into the University over the next six years, a very good result given the constraints which now apply.

This FRST round was the first in which the Government's new "Stable funding policy" took effect. The policy is ostensibly designed to eliminate sudden fluctuations in research funding but is in reality a thinly disguised means of protecting the Crown Research Institutes from competition by University researchers. In previous rounds all the funding would have been open to competition and thus allocated to the best researchers irrespective of their organisational affiliation. On this occasion 47 percent of the funding was negotiated, and only with the CRIs, thus precluding university access to competition for it. It is unfortunate that, at a time when we are producing some very talented early career researchers, Government policy is reducing the ability of our research staff to contribute their skills and ideas to New Zealand's development. We must continue to argue vigorously against such policies.



## Researchers feted and achievements celebrated



Left to right are Professor Tom Barnes, Deputy Vice-Chancellor (Research) with Early Career Excellence Award winners Dr Yu Lung Chiu (Chemical and Materials Engineering), Dr Johanna Montgomery (Physiology) and Dr Tuure Tuunanen (Information Systems and Operations Management).

The Research Awards ceremony at Old Government House on 19 July was a chance not only to fete the winners and to congratulate the Fellows most recently admitted to the Royal Society of New Zealand but also to celebrate a whole year of research achievements.

"We celebrate both internal and external awards," said Vice-Chancellor Professor Stuart McCutcheon, in welcoming guests from the Foundation for Research, Science and Technology, the Health Research Council and the Tertiary Education Commission, as well as the University.

"The internal University of Auckland Awards are the Best Doctoral Thesis Awards and the Early Career Research Excellence Awards. Both celebrate the achievement of researchers who are at the beginning of their career.

"We also celebrate external research grants and contracting performance last year, during which our researchers:

- were awarded 20 of the 59 awards made in the 2006-2007 Health Research Council round to a total of \$13.6 million of the \$56.8 million allocated
- were awarded 15 of the 78 awards made in the 2006 Marsden round to a total of just over \$6 million of the \$39 million allocated
- gained an International Investment Opportunities Fund award of \$1.3 million
- gained Growth and Innovation Pilot Initiatives (GIPI) funding of \$4.4 million
- gained Innovation Development Fund awards totalling \$5 million
- were awarded 34 Bright Futures Scholarships (25 Top Achiever Doctoral and nine Enterprise)
- were successful in continued funding for three Centres of Research Excellence of close to \$100 million commencing in 2008 for six years
- contracted research to a value of greater than \$157 million
- gained research revenues of \$152 million."



Professor Marston Conder (left), with Fellows of the Royal Society of New Zealand, Professor Peter Lobie (centre) and Professor Bruce Melville.



Stuart McCutcheon, right, with Best Doctoral Thesis winners, Dr Simon Ingram (Fine Arts), left, and Dr Dipika Vandranbhai Patel (Ophthalmology).

Fourteen University researchers were honoured at the event: five winners of Best Doctoral Thesis Awards for 2006, of whom two were present to receive their awards (while some were already overseas conducting further research); three of five winners of Early Career Research Excellence Awards, of whom three were able to attend; and the four most recently appointed Fellows of the Royal Society of New Zealand, of whom two were present to receive congratulations in person.

New Fellows of the Royal Society are Professor Howard Carmichael (Physics); Professor Timothy Cundy (Medicine); Professor Peter Lobie (Liggins Institute); and Professor Bruce Melville (Civil and Environmental Engineering).

# Foundation funds \$30 million

The University has received nearly \$30 million to fund scientific research in the latest round of government funding.



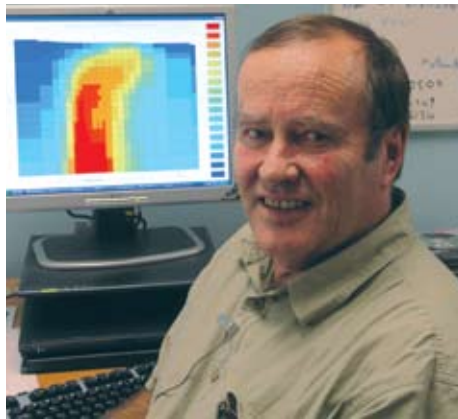
Bill Wilson

The Foundation for Research Science and Technology is funding 13 projects to the tune of \$29.84 million, representing 40 percent of the \$74 million allocated to the University of Auckland.

The Auckland projects funded include research into new cancer drugs, development of nutritional supplements, deep geothermal strategies and software development.

The full list of titles and principal investigators for the funded projects are:

- "Tumour hypoxia", Professor Bill Wilson (Auckland Cancer Society Research Centre), Dr Moana Tercel (Medical and Health Sciences);
- "Phase change materials for niche thermal management", Professor Mohammed Farid (Chemical and Materials Engineering);
- "Deep geothermal resources", Professor Mike O'Sullivan (Engineering Science);
- "High-density air quality networks", Professor David Williams (Chemistry);
- "Advanced composite structures", Professor Debes Bhattacharyya (Mechanical Engineering);
- "Epigenomic-based prognostics", Professor Peter Lobie (Liggins Institute);
- "Accelerated development of nutritional supplements", Dr Mark Vickers (Liggins Institute);
- "Endogenous responses and novel human therapies", Professor Peter Gluckman (Liggins Institute);
- "Modelling Palaeoclimate", Professor Paul Williams (Geography and Environment);
- "Software process and product improvement", Professor John Grundy (Software Engineering);



Mike O'Sullivan

- "Engineering a better brain", Dr Deborah Young (Biomedical Science) and Professor Matt During (Molecular Medicine);
- "Biomechanics software for breast imaging", Dr Martyn Nash (Engineering Science);
- "Biomechanics for animation", Professor Peter Hunter (Bioengineering).

The Foundation administers research funding for the New Zealand government. In the latest funding round it has allocated \$628 million to projects undertaken by more than 30 organisations including Crown Research Institutes, universities and other research bodies. The universities gained around 12 percent of total funding and 21 percent of contestable funding.

Details are on the FRST website ([www.frst.govt.nz](http://www.frst.govt.nz)) under "News".

## ... in brief

### Nominations sought for NZVCC course

Nominations are now being sought for general staff to represent the University at the 2007 New Zealand Vice-Chancellors' Committee Administrators' Course being held this year at Lincoln University on 18-23 November.

This annual course offers general staff a unique and challenging opportunity to better understand the role of tertiary institutions in our society, develop their professional strengths and network with staff from other universities across Australasia.

Information about the course, the criteria for nomination and nomination forms have been emailed to all faculty managers/registrars and service division managers. Staff wanting to be nominated should discuss this with their managers. All nominations must be received by Staff and Organisational Development by 5pm, 29 August.

Course content can be downloaded from [www.auckland.ac.nz/sodu](http://www.auckland.ac.nz/sodu) under "Other Workshops". For general inquiries contact Janine Hale: [jr.hale@auckland.ac.nz](mailto:jr.hale@auckland.ac.nz) or ext 89926.

### International Agreements

The University of Auckland has recently signed cooperation agreements with eight universities in Australia, Canada, the UK, the United States and India. Renewed student exchange agreements have been signed with the University of New South Wales and the University of Queensland in Australia, the University of Nottingham and the University of Edinburgh in the UK, and with the University of Toronto in Canada. A new memorandum of understanding (MOU) and a student exchange agreement have been signed with Jemina Hamdard University in India. In the United States a new MOU and a student exchange agreement have been signed with the Pennsylvania State University, and a renewed student exchange agreement with the University of Virginia. MOU agreements enable formal research collaboration and academic staff exchange. Student exchange agreements extend the relationship to allow for the movement of students between the institutions. A Letter of Understanding varies the terms of the Student Exchange agreement. If you are interested in more information about these agreements and the activity they make possible, please contact:

- MOU agreements – Gurpreet Singh: [g.singh@auckland.ac.nz](mailto:g.singh@auckland.ac.nz) ext 84202
  - Student Exchange agreements – Christine Berry: [ch.berry@auckland.ac.nz](mailto:ch.berry@auckland.ac.nz) ext 83956
- A full list of Student Exchange agreements can be found at [www.auckland.ac.nz/international-partners](http://www.auckland.ac.nz/international-partners)

## Tom Barnes appointed to British university

Professor Tom Barnes, Deputy Vice-Chancellor (Research) at The University of Auckland since 2001, has been appointed to a senior post at the University of Greenwich in London.

He will leave Auckland at the end of November to become Greenwich's Pro Vice-Chancellor,

Research and Enterprise, from January 2008.

He will lead its research, enterprise and regional strategies, building on its existing success. The University of Greenwich, formerly Thames Polytechnic, has the highest income for research grants and contracts among post-1992 universities in Britain.

# Leaders get together to break glass ceiling

The first nationwide leadership programme for senior academic women was held in June in a bid to improve the number and status of women at the top in the tertiary sector.

Twenty participants from eight New Zealand universities were chosen by their institutions for the New Zealand Women in Leadership residential programme which was launched by the Speaker, the Hon. Margaret Wilson, a former Foundation Dean and Professor of Law at Waikato University.

Personal stories of highly accomplished women were among the highlights for the Auckland staff who participated in this Wellington-based programme: Associate Dean, Dr Airini (Faculty of Education) and Associate Professor Jo Putterill (School of Biological Sciences).

The stories told by prominent women such as international educational consultant (and former Head of Education at the World Bank), Maris O'Rourke, Retirement Commissioner Diana Crossan, and a range of senior women from universities including Professor Alison Jones from Auckland's Faculty of Education, allowed participants to learn a lot about strategies to use in times of adversity and ways to change directions when they need to do that, says Jo Putterill.



Airini.

Participants were kept busy from the beginning of the day to 9 or 10 at night, with workshops, discussions and collaborative tasks during the day and events in the evening such as a celebrity debate on "Why are there so few women politicians and so many women in public service?" – with a team of women politicians pitted against a team of women commissioners.

The five-day programme was thoughtfully and effectively put together, says Jo, with a lot of useful detail and expert input. The women, who were at similar stages but from very different areas – including science, law and education – were able to learn a lot from each other through the thought and discussion about pathways to promotion.

Participants were encouraged to think about why they wanted promotion and what that would allow them to accomplish both in their personal careers and in influencing directions of change in their departments or institutions.

One of the group tasks was to restructure a department and reorganise its activities.

All went away highly motivated to advance their leadership opportunities in the tertiary sector.

Strong professional networks were established as a result of the programme, one example being that the NZWL participants have set up a nationwide research project into what helps women develop as leaders in universities. "Many women have stories about events that have propelled their careers forward and upwards, and those too where our efforts seem to stall out," says Airini. "This research has the support of the first NZWL cohort and aims to collect women's

stories and convert them into practical programmes to help women develop as leaders in universities."

The Human Rights Commission and representatives of Auckland and Massey Universities were involved in establishing the programme which will run twice a year, with the second to be held in September. It was partly funded by the Kate Edger Educational Charitable Trust, and endorsed by the New Zealand Vice-Chancellors' Committee.



Jo Putterill

# Judge for yourself on morphing for truth

Photography is not the usual way of finding averages.

But University photographer Brian Donovan (Centre for Academic Development) used a morphing technique to "average" a number of images (drawn from different locations) of ancient Roman figures such as Livia and Augustus.

The results may or may not be closer to the truth than any individual example, but anyone visiting an exhibition in the Governors' Gallery at Old Government House between now and 31 August will have a chance to judge for themselves.

The notion of a composite photographic portrait is not new, says Brian.

"Nineteenth-century statistician Francis Galton pioneered a technique for making composites (to illustrate human 'types' among other things) by successively copying registered portrait prints onto a single photographic plate.

"The exposure for each individual was determined by dividing the total exposure by the number of prints in the sample. Among his experiments were 'averaged' criminals, mixtures of family members, and composites of heads on ancient coins such as Alexander the Great, Nero and Cleopatra."

If Galton had expected the composite of Cleopatra to reveal her legendary beauty he was to be disappointed. "Still, it was better", he wrote, "than any of the individual components, none of which gave any indication of her reputed beauty; in fact, her features are not only plain, but to an ordinary English taste are simply hideous."

The exhibition, entitled "Disiecta Membra: Artistic representation of parts of the human body in sculptures, paintings and photography", features three artists portraying its theme in very different ways.

The other two are John Young from the Lacey Library in the Department of Classics and Ancient History – who has just accepted the role of art director at the Governors' Gallery – and Christopher Olwage, an undergraduate student from the same department.

John Young is showing 14 works in resin portraying hands in ways that reveal forms of communication and emotion. One with a particular focus on the Classics is his sculpture of the hands of Roman senator Cicero, cut off after he was assassinated under orders from Cleopatra, and speared, also at her command, to the wall.

Christopher Olwage's oil paintings of stories taken from Greek and Roman mythology and from ancient history express a passion that began in his childhood. Oil paintings, he says, allow him to achieve a solidity of forms that parallels the solidness of sculpture and creates an air of timelessness.

Pauline Brill, who has just retired as art director of the Governors' Gallery, says this has been one of its most successful exhibitions, with all artists selling their work and a high proportion of the total sold. John Young, whose sculptures proved very popular, had only four left to sell as *University News* went to print.



The morphing of Livia.

# Research culture extended

The University's Centre for Software Innovation (CSI) in partnership with the Business School has launched a new industry engagement programme called Extenda.



Foreground: Ivan Mass, Extenda Programme Manager (right) speaks with John Black Kham, CEO of Xsol.

This will bring New Zealand's small to medium enterprise (SME) information and communications technology companies into partnership with the University with the aim of benefiting both.

The companies will be presented with a different way of thinking about product development, and gain a boost in their capacity for innovation and understanding of research, while postgraduate students involved in the programme will gain experience in the commercial world which will increase their value to employers.

Senior managers from the participating companies will work alongside the students in a series of workshops to be led by experts from the Business School, CSI, and backed by case studies from experienced industry experts such as XSol CEO John Blackman.

Professor John Hosking (Computer Science), Co-Chief Scientist of CSI, says the workshops will give hands-on advice on developing product innovation approaches, technology roadmaps, research capability and an innovation culture within the participating companies.

Teams comprising postgraduate students from the Computer Science Department and the Business School will then act as a resource within the companies, working to apply the tools and techniques presented in the workshops.

About ten companies will take part in this year's pilot, but the programme will be looking to include more companies next year.

Extenda was launched at a cocktail party at the University's new Fisher & Paykel Pavilion by Rod Drury, CEO of Xero, Duncan Millar, Managing Partner of IBM New Zealand and Dr Peter Lee, CEO of UniServices.

John Hosking says Extenda has been developed to fill a gap Computer Science staff have observed in consulting to ICT companies. He says although there is much software innovation within software development companies in New Zealand, they are

often one-product companies without a repeated cycle of innovation. The aim of Extenda is to develop a strategy to make innovation repeatable.

It will give small to medium ICT companies the opportunity to transform their research capabilities and technology planning, and ultimately enhance their products, making them better placed to compete nationally and internationally.

For more information see [www.csi.ac.nz/services/extenda](http://www.csi.ac.nz/services/extenda).

## Successful CSI funding bid

The Centre for Software Innovation (CSI) has just been successful in a bid to the Foundation for Research, Science and Technology for a Software Process and Product Improvement project (see page 3).

The four-year project will receive funding of approximately NZ\$3.4 million. This will complement the Extenda programme, allowing companies to work with the CSI to significantly improve their software engineering processes and product quality.

Principal Investigator, Professor John Grundy (Electrical and Computer Engineering and Computer Science), Co-Chief Scientist of CSI, says the research aims to develop and apply a range of advanced software productivity techniques and tools to enhance the performance of the New Zealand software industry.

Further information can be found at: [www.csi.ac.nz/services/process-and-product-improvement](http://www.csi.ac.nz/services/process-and-product-improvement).

## Viewpoint

### Essence of leadership

The recent news reports of the successful Kiwi skipper of Alinghi Brad Butterworth's vehement criticism of Grant Dalton's leadership of Team New Zealand is bound to have evoked strong emotions and created a simmering tension.

Whilst it would be simple to dismiss his hard-hitting comments as part of an unresolved conflict and demonise him as a turncoat, it is worth pausing to remind us of the sentiment that it has never been, is not and will never be unpatriotic to ask questions.

Butterworth has identified Dalton's style as being "autocratic", a leadership style that has been deeply criticised in recent decades as being ineffective, except in a limited number of circumstances which include extreme crisis and where the team is new or untrained. I do not have information other than that in the news reports, but from that information I am left thinking that Butterworth regards Dalton's leadership as being relatively ineffective.

"Does leadership style equate with effective leadership?" and "what is effective leadership?" are useful questions to emerge from Butterworth's comments.

In my view the substance of leadership is far more important than the style of leadership and indeed, stands independently of leadership style. Authentic leadership is simply about the substance of leadership, not the style. A leader in sport, enterprise, the arts and politics can be charismatic or awkward and shy, directive and "hands-on" or participative and "hands-off" and still be an entirely authentic and effective leader.

Authentic leaders like our very own Sir Edmund Hillary and Sir Peter Blake had a capacity to build confidence, hope, optimism and resilience within those around them, essential capacities for new dimensions of performance and success.

Leadership academics, Richard Bolden and Philip Kirk, both from the UK, have described effective leadership as the mobilisation of human effort in a collective enterprise. The basis of this type of leadership is widely rather than narrowly dispersed within an organisation, where everyone, not only those with formal managerial authority is required to step into leadership. In this model of leadership we see a shift from an individual capability to a system capability, a situation where the character and capacities of all is tested, not only that of the "boss".

Do we find this system capability of leadership in most of our organisations? Sadly the answer is no, but if like Butterworth we keep asking the hard questions, then in time things will change.

**Dr Lester Levy**  
Adjunct Professor of Leadership  
Excelsior: New Zealand Leadership Institute

# New professors

Eight academic staff members have been promoted to professor in the latest promotion round.

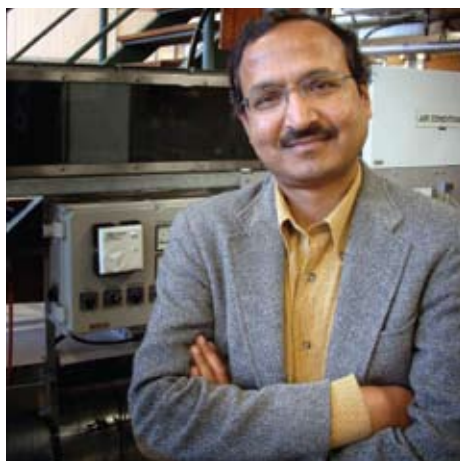
The University regards promotion to professor as a mark of distinction. Such a promotion is awarded only when the applicant has demonstrated professional and academic eminence at an international level, and in accordance with the highest ethical standards.



**Professor Klaus Bosselmann (Law)** is a specialist in the ethical and legal issues surrounding sustainable development, climate change, biodiversity and biotechnology. He has also published widely on ecological approaches to justice, human rights and global governance. Since 1999 he has been Director of the New Zealand Centre for Environmental Law at the Faculty of Law.



**Professor Wayne Cutfield (Liggins Institute)** leads clinical research into how environmental influences early in life can affect childhood growth and development in ways that could lead to chronic conditions in adult life. He has an international reputation for research assessing how the hormone insulin is secreted and acts in children. He has also played a lead role in international collaborative research into growth disorders.



**Professor Pradeep Bansal (Mechanical Engineering)** has focused his research on improving energy efficiency in household and commercial appliances. This has involved him particularly in designing, modelling and developing innovative refrigeration systems. He has established strong linkages with industry in the Asia-Pacific region and has active research collaboration internationally.



**Professor Philip Harris (Biological Sciences)** has conducted high-level research into plant cell walls. These structures play a dynamic and central role in plant growth and development, and are important in many aspects of agriculture, horticulture, forestry, food science, and medicine. His research employs biochemical and chemical techniques as well as light and electron microscopy.



**Professor Annamarie Jagose**

## (Film, Television and Media Studies)

Annamarie Jagose is a noted feminist and queer cultural theorist whose current research project is a cultural history of the complex and contradictory meanings that have accrued to orgasm across the twentieth century. She is also working on a Marsden Fund project "Acts and Identities: Towards a New Cultural History of Sex." Her novel *Slow Water* won major literary awards in both Australia and New Zealand.



**Professor Martin Wild (Anatomy with Radiology)** has research interests mainly in comparative neuroanatomy and neurobiology, focusing on the avian brain. He has published extensively on all the sensory and motor systems of birds and for the past 15 years his research has dealt with the neural control of vocalisation, specifically with the mechanisms underlying the coordination of respiration and vocalisation.



**Professor Neil Broom (Chemical and Materials Engineering)** has conducted pioneering research in the field of experimental tissue mechanics. Professor Broom has made significant contributions to bioprosthetic heart-valve development, cartilage structure and arthritis research and intervertebral disc biomechanics. A gifted teacher, he has received numerous Faculty of Engineering teaching awards and two University of Auckland Distinguished Teaching Awards.

## From the collection



**Professor Alistair Gunn (Physiology)** is one of the world's leading experts in perinatal physiology and neuroscience. As co-director of the Fetal Physiology and Neuroscience Group, he has undertaken wide-ranging research on the impact of oxygen deprivation before birth, how it causes injury, and how that injury can be detected, prevented or treated. His studies guided the development of clinical trials of hypothermia and have established brain cooling as the first treatment for the devastating effects of birth injury.



*The reflective and transparent qualities of Sara Hughes' Soft-ware (2003) incorporates the light and shadows of its site into a multi-layered work.*

## Law professor elected to Council

Professor Peter Watts (Law) has been elected to The University of Auckland Council to represent the professors.



*Peter Watts*

He fills the vacancy left by Professor Dianne McCarthy's departure to become chief executive of the Royal Society of New Zealand and will serve for the rest of her term to April 2009.

Peter Watts was appointed to the Law Faculty as a lecturer in 1985 and has been a professor since 2001. He currently chairs the New Zealand Vice-Chancellors' Standing Committee on Copyright, has served as Acting Dean of the Law Faculty for two periods (2003-2004), represented the Dean of

Law on Education Committee for four years, and has served on the University Library Committee.

Peter currently teaches company law, restitution law, and securities market regulation. His principal areas of research are company law, agency law, and the law of restitution. He is one of the authors of New Zealand's leading company law text, *Morison's Company and Securities Law*, is the editor of the English text on agency law, *Bowstead and Reynolds on Agency*, and is the New Zealand regional editor of the *Restitution Law Review*.

He has advised the New Zealand Law Commission and the Law Commission of England and Wales on private law and commercial law projects, and holds a barrister's certificate, enabling him to practise in company and commercial law.

He holds an LLB (Hons) from the University of Canterbury and an LLM from the University of Cambridge.

"It is a privilege to serve on the governing body of this large charitable institution, as one of its academic members," says Peter. "Though partly funded by government, New Zealand universities have always been independent. This feature of university governance structures remains crucial in the 21st century to the performance by the University of its societal role and to the maintenance of its high international standing."

Although Sara Hughes' works are usually electronically designed and often reference digital culture, most are painstakingly executed by hand.

*Soft-ware*, which was commissioned in 2002 especially for the Student Commons building, is made up of hundreds of 10mm vinyl dots that contain painted and screen-printed textures. Each dot is individually unique but also contributes to clusters of dots that comprise larger patterns.

*Soft-ware* fluctuates its focus between individual pixels and the overall design, as well as the overlapping under-layer of shadows visible through its raised Perspex support. Describing this effect, Sara Hughes says: "The painting is not static; what we think we see is not always there, the experience of the work is in flux and the viewer becomes entwined in a focus between the surface of the painting and what lies behind the painting; its place."

This artist, who completed a masters degree at Elam School of Fine Arts in 2001, brings an organic quality to machine art, highlighting the buggy, unstable nature of the virtual world and the distortions that occur when it is made to occupy a corporeal environment.

Another work of hers, currently on show at the Gus Fisher Gallery as part of the Clean Machine exhibition, is named *Elk Cloner* after the first widely distributed computer virus – it was created by a 15-year-old boy and spread by floppy disk.

**Andrew Clifford**

# What's on

## FRIDAY 3 AUGUST

### Future directions for the arts

12.55-2pm Music Theatre, School of Music, 6 Symonds St. National Party Arts spokesman Chris Finlayson will deliver a speech at the National Institute of Creative Arts and Industries (NICAI). Staff and students welcome. Please arrive promptly to ensure a seat.

### Faculty of Arts Hood Fellow performance/lecture

Coco Fusco, New York-based Cuban-American performance artist and writer: *A room of one's own: Women and power in the New America*. 7.30pm Maidment Theatre. Tickets can be picked up from the Maidment. Queries phone 308-2383.

## SATURDAY 4 AUGUST

### The Artists' Symposium: Society, politics and the performative

10.30am-4pm Engineering Theatre 439, 20 Symonds St. Free RSVP to ext 84464 or p.sheddan@auckland.ac.nz

Led by Coco Fusco, New York-based, Cuban-American performance artist and writer. The symposium will examine the role that contemporary art practice can play as a vehicle for social change.

## MONDAY 6 AUGUST

### Financial planning workshop

4.30-7.30pm Rm 733-231, Tamaki Campus. To assist staff in their decisions about whether to join a superannuation scheme following the introduction of Kiwi Saver. Queries to ext 85070 or je.wilson@auckland.ac.nz

### School of Architecture and Planning public lecture

Felicity Wallace, Felicity Wallace Architects: *Auckland: Fast forward*. 6.30pm Rm 1.439, School of Engineering. Queries to ext 88134.

## TUESDAY 7 AUGUST

### ISOM seminar

Mark Ripma, Global Technology Partnership programme, NZFRST: *A great nation: Technology marketing and myths in America*. 12.30-1.30pm Rm 1.40a, OGH. Queries to ext 83730 or akt.li@auckland.ac.nz

### Winter lecture: Your food your health

Prof Alistair Woodward and Prof Peter Gluckman: UoA: *The obesity epidemic?* 1pm Maidment Theatre, 8 Alfred St.

### Bioengineering research seminar

Dr Lubica Benuskova, Senior Research Fellow, Knowledge Engineering and Discovery Research Institute, AUT: *How do neurons learn?* 4-5pm Fifth Floor Seminar Rm, Bioengineering Institute.

## THURSDAY 9 AUGUST

### Electrical and Computer Engineering research seminar

Dr Reg Dunlop, Honorary Research Fellow, UoA: *Electronics, mechanics and software for mechanical hands and*

*walking machines*. 11am-12noon Rm 1.439, School of Engineering. Queries to n.nair@auckland.ac.nz

## MONDAY 13 AUGUST

### School of Architecture and Planning public lecture

Joanna Smith, Chow:Hill Architects: *Auckland: Fast forward*. 6.30pm Rm 1.439, School of Engineering. Queries to ext 88134.

## TUESDAY 14 AUGUST

### Public lecture

Prof Neil I. Ward, Faculty of Health and Medical Sciences, University of Surrey: *Arsenic in Argentina*. 10am Rm 407, Department of Chemistry.

### Winter lecture: Your food your health

Professor Christine Winterbourn, Christchurch School of Medicine and Health Sciences, University of Otago: *Eat antioxidants and keep healthy: Fact or fiction?* 1pm Maidment Theatre, 8 Alfred St.

## WEDNESDAY 15 AUGUST

### Department of Physics seminar

Fred Johnson, MNZM, Wellington: *The electromagnetic wave: Introductory demonstrations for the classroom*. 11.15am 4th Floor Seminar Rm 426.

### Financial planning workshop

4.30-7.30pm J3, Epsom Campus. To assist staff in their decisions about whether to join a superannuation scheme following the introduction of Kiwi Saver. Queries to ext 85070 or je.wilson@auckland.ac.nz

### Oticon Foundation Hearing

### Education Centre Hearing research seminar

Assoc-Prof Suzanne Purdy, Discipline of Speech Science, Dept of Psychology, UoA: *Hearing versus perceiving: What is auditory processing and can we make it better?* 5-6.30pm Rm 730.220, School of Population Health, Tamaki Campus. Queries to h.seal@auckland.ac.nz

## THURSDAY 16 AUGUST

### Electrical and Computer Engineering research seminar

Dr Kim Eccleston, University of Canterbury: *Combining microwave integrated active antennas*. 11am-12noon Rm 1.439, School of Engineering. Queries to n.nair@auckland.ac.nz

# Classifieds

## ACCOMMODATION AVAILABLE

**Birkenhead**, furnished four-bdrm home available late-Dec 2007 to early-July 2008. Lovely and large with patio, decks, and wood-burning stove, next to a forest reserve. Walking distance to University bus line, short drive to ferry. Rent neg. Phone (09) 419-9127 or email lisa.samuels@gmail.com

**City apartment to let.** Stylish,

fully-furnished, one-bdrm apartment on two levels in character building. Three-minute walk to University. High ceilings. Sunny with four skylights. 360 degree view of Albert Park. \$380 pw. Secure carpark optional (extra \$50 pw). Available from early August. View on www.trademe.co.nz ref. 110658396. Contact Andrew artwork@ihug.co.nz or Ph (09) 815-2581 or (021) 747-114.

**Flatmate wanted, Grey Lynn.** To share family villa with students and kids. \$130 pw. Sunny room with polished floor, cream walls. Phone 376-8008 or email petalproductions@ww.co.nz

### Flatmate wanted, Meadowbank.

Female to share three-bdrm house with just one other. Lovely sunny place with deck and garden. Lounge has cosy fireplace. Close to Meadowbank train station (only two stops to Britomart), bus stop and shops. Spare room and lots of storage. Available 18/8. \$197 pw. Phone 529-9548 (ah).

**Glendowie**, gracious three-bdrm family home, Glendowie Collage School zone, very close to Tamaki Campus, alarm, fireplace, dishwasher, shed, French doors to tranquil garden, carport. \$425 pw, contact Sue Clark on 575-9887.

**Kohimarama Retreat.** On short-term contract in Auckland? Arriving in Auckland and need a temporary home while you look for a home to rent long-term/buy? Fully-furnished executive residence (sleeps 10) available all year round for short-term rentals. Family friendly. View www.2nz.co.nz Enquires to Joanna Razzell. Phone (09) 528-7650, mike\_razzell@xtra.co.nz

**Our beautiful furnished family home** which sleeps six is available to rent from 12 December 2007 to late January 2008. It is close to Newmarket so handy to the University. It would be ideal for a visiting academic family. Please call Cameron or Joan on 524-0830 or cjariegrant@hotmail.com

**Tidy Ponsonby villa.** Are you interested in living in a great part of town - even for a little while? Looking for tidy tenant for three bdrms, one-bthrm villa with two osp. Unfurnished. Available now until 30 September. \$450 pw. Contact Debbie Cook on 520-8250 ext 7814 or debbie.cook@stcuthberts.school.nz

## ACCOMMODATION REQUIRED

**Creative female.** Hi. I'm a 39-year-old film-maker developing a feature film, with the intention of investing my current rent outgoings into my project. If you are looking for a responsible, honest person to housesit and take care of your pets, please contact Karyn on (021) 498-463.

**Housesitter available.** Woman professional (n/s), is between houses and is available for house-sitting from mid-October. Good with animals and plants. Refs available. Ph (021) 220-9043 or 373-7599 ext 88726.

**Professional couple and newborn** available for house-sitting mid-Nov 2007 to late January 2008 or possibly later. We're renovating our house and need to vacate. References available. Email jonathanandsarah@xtra.co.nz or

phone Sarah on (021) 424-196. **Three-bedroom house wanted**, to rent long-term. Willing to pay up to \$450 pw. Three reliable tenants with references. Contact Hannah on ext 88669 or h.edwards@auckland.ac.nz

## FOR SALE

**Garfield Street, Parnell.** Beautifully renovated one-bdrm apartment in period villa. Easy walking distance to the UoA. \$385,000. Phone Ian the owner on (021) 262-9436.

## MISCELLANEOUS

### Applying for permanent residency?

Avoid delays and problems. Keep your application on track with an easy-to-follow action plan tailored to your situation. For a free no-obligation quote contact Glenys at GVL Faculty Migration & Settlement. Email glenys@gvl.co.nz Ph (027) 476-8771 or view www.gvl.co.nz **Editing and proofreading.** Editwrite offers efficient, competitive and professional online text editing for staff and students. Theses, dissertations, academic treatises, monographs, reports, etc can all be expertly edited. We will review spelling, punctuation, grammar and syntax to turn your text into fluent, clear, literate prose. For more details, visit www.editwrite.co.nz

**International travel insurance.** The AUS recommends that members use Uni-Care insurance for sabbatical, other study and very long-term travel overseas. Uni-Care offers 15% off standard rates for travel out of NZ to all university staff, full-time tertiary students and their families. Uniquely, we can maintain cover for greatly extended periods overseas. Uni-Care International Insurance Service, PO Box 32-167, Devonport, ph (09) 446-1166, fax (09) 445-8832, email insure@uni-care.org, website www.uni-care.org (secure online application facility).

**Painting.** High quality house painting. Also hand painting of boats. Refs available. Phone me for a quote on your painting requirements. Contact Rick on (09) 638-4252 or (021) 953-901 or email rick@gaffrig.co.nz Website www.gaffrig.co.nz

**Proofreading.** Tired of spelling and punctuation errors in documents you have spent your valuable time compiling? I will help to ensure that documents are clearly and correctly worded, grammatically correct and professionally presented. Please contact Vicki on (021) 472-705 or (07) 868-5326 or vicki.teulon@gmail.com

### World authority on the psychology of weight loss returns to Auckland.

Following the surprising demand generated by the workshop and talks he gave in April (with standing room only at Auckland University), Dr George Blair-West, medico and psychiatrist, is running another workshop for health professionals on 1-2 September. For more information on his groundbreaking work into why people sabotage their weight loss visit www.weightlosspsychology.com.

For a full list of The University of Auckland events see Next Week Online: [www.auckland.ac.nz/nextweekonline](http://www.auckland.ac.nz/nextweekonline)

Please email classified ads to [m.playfair@auckland.ac.nz](mailto:m.playfair@auckland.ac.nz) nine days before publication. Cost \$20 (incl GST).