Assessing damage, locating risk

Faculty of Engineering staff were among the teams of specialists checking quake-ravaged buildings and scouring Christchurch’s damaged landscape in the days following the 7.1 magnitude earthquake.

Professor Michael Pender, Associate Professor Jason Ingham, Associate Professor Charles Clifton, lecturer Quincy Ma and six postgraduate students from the Department of Civil and Environmental Engineering arrived in the South Island city the morning after the quake.

The engineering staff assessed damaged buildings and conducted research while in the city.

For the assessments, they were divided into teams of five; each team had two engineers, two council staff and a member from the Urban Search And Rescue group.

Each team was assigned a task of either evaluating a city block to locate at-risk buildings, or doing a detailed inspection of a single building.

This is the third earthquake-affected area Jason has been to in the last 12 months. He was in Indonesia in late 2009 following their earthquake in Sumatra, inspecting schools and medical facilities, and was in Chile in May this year presenting seminars to engineers and architects on how to seismically strengthen buildings.

Inspecting buildings on the Sunday was a different experience to the Monday because people had returned to work, he says.

“It is a very different experience placing a placard on a closed building, versus having to tell the people in the building that they must close up their business and not return until the building has been made safe to occupy.”

Jason says only one person was reluctant to leave an unsafe building he inspected. “The man, who ran a lawnmower business, asked me, ‘If I ignore you will I be prosecuted?’”

Meanwhile a few doors down, when he had to tell workers at a post office their building was unsafe, they calmly packed up their belongings and went home.

Story continues on page 2
Feedback from visitors to the recent Courses and Careers Day could hardly have been more positive.

Twitters abounded with such superlatives as “wicked”, “amazing” and “awesome”. “So well organised and executed!” declared a grateful attendee.

One tweeter commented on the “unbelievable” student life while another, referring to participating staff and students, remarked that “everyone looked really motivated”.

The hundred visitors from schools in the lower North Island and the South Island hosted at a special “travellers’ breakfast” where they met the Vice-Chancellor were especially appreciative.

The careers adviser at Palmerston North Boys’ High School who escorted a nine-strong party to Auckland called it “a fantastic day”, adding: “We will definitely do that again.”

story continued from page 1

and left.

“Generally speaking most of the time people understood. They would say, ‘I was kind of worried about that myself, or I could see the risk.’”

Michael, who grew up in Christchurch, is a three-earthquake veteran. He led the New Zealand Society for Earthquake Engineering Reconnaissance during the 1987 Edgecombe earthquake and was on sabbatical in California when the 1989 Loma Prieta earthquake struck.

A geotechnical specialist, Michael is very familiar with liquefaction.

Liquefaction is when sandy soil is shaken violently, causing water to rise through the sand. The result is unstable ground which resembles mud pools.

“Liquefaction was very extensive over large areas of the city and had affected mainly residential properties. We did not have time to look at all the affected areas but what we did see indicates that this is a major liquefaction event.”

In the town of Kaiapoi, the effects of liquefaction had been “devastating,” says Michael.

“One relatively new subdivision had been very badly affected by liquefaction and lateral spreading effects, several houses having been broken apart,” he says.

But given the level of devastation in some areas, he had been impressed with the attitude of the Canterburians he had met.

“I spoke to quite a few people in one area, and they had no running water, no sewage and they were really quite calm about it all, they kept saying, ‘no-one died.’”

Jason says what happened to the buildings when the quake struck was for the most part highly predictable.

About 85 percent of the buildings were unaffected by the quake - the most damaged were the older unreinforced brick buildings.

Jason and his team of postgraduate students have taken five gigabytes of photographs which will help with their research. Jason is leading an extensive Civil and Environmental Engineering project which is investigating seismic retrofit of structures. A major aspect of the project is strengthening earthquake risk buildings made of brick masonry.

As we went to print some of Jason’s postgraduate students were still in Christchurch and geotechnical engineering staff were about to depart for Christchurch to conduct further research.
Highlighting achievements in equity

The large lounge of Old Government House was packed with supporters for one of the highlights of the University year: the celebration of equity achievements across the University and the presentation of the Excellence in Equity Awards.

The event this year offered a new dimension that added to the enjoyment of those who attended. This was in the form of a series of pre-recorded clips (filmed by Richard Smith and Graeme Henderson from the Centre for Academic Development) in which each individual award-winner or a representative from each winning group speaks briefly of their work, its purpose, and what it has accomplished.

In an entertaining and fast-moving ceremony - comprising a lively introduction to each winner or team from Pro-Vice-Chancellor (Equity) Trudie McNaughton, followed by the showing of the clip, the award presentation by Vice-Chancellor Professor Stuart McCutcheon, and a brief acceptance speech - the audience gained a surprisingly broad and quick insight into the scope and diversity of the University’s equity achievements.

The film clips, as Trudie said “cannot convey the complexity of the work but do give tantalising glimpses of its excellence”.

Trudie said the equity awards have two clear purposes: to celebrate the achievements of those whose work helps advance the University’s equity goals for staff and students, and to inspire others by sharing good practice and good ideas. The awards, she said, are now presented two-yearly to allow for enhanced quality of entries and more evidence of impact and sustainability. “This has been achieved, with a record number of entries this year.”

Trudie thanked all those involved in the awards, with special thanks to Prue Toft and Margaret Freeman from the Equity Office “who have put an enormous effort into these awards over many months”.

The function, she emphasised, is held not only to honour the winners but to celebrate all the other entries as well. All entrants are listed in the Equity Awards booklet and on the Equity website.

Winners of the awards are:

• Professor Raewyn Dalziel for “Sustained excellence in gender equity”
• Mark Thomson for “Exam support for students with disabilities”
• Tanya Heti, Rennie Douglas, Sam Manuela, Jonaan McLeod and Puni Robertson for “Mentoring by Tanya Heti and the MATES team”
• Dr Elana Taipapa-Curtis for “Vision 20:20 and the MAPAS Admissions Process”
• Pikihiua Pomare and Dr Virginia Braun for “Psychology Māori and Pasifika Research Group”
• Dr Airini, Dr Deidre Brown, Dr Te Oti Rakena, Dr Elana Curtis, Tanya Savage, Sonia Townsend, Angie Smith, Fred Luatau, Gillian Reynolds, Mona O’Shea, Matt Tarawa, with former University of Auckland colleagues, Odie Johnson, Pale Sauni, Tö’aiga Su’a Huirua, Meryl Ulugia-Pua and Sāfi Ulugia-Pua for “Success for all: Improving Māori and Pasifika success in degree-level studies at The University of Auckland”
• Dr Marewa Glover (“Special commendation”) for the Centre for Tobacco Control Research (CTRC)

When Dr Airini, in her acceptance speech, linked the personal dimensions of her team’s work with the wider society, her words held resonance not only for her own group but also for all the others who are working in different ways and with different groups to achieve equity for all staff and students across the University.

“At the bottom of all the tributes to equity in this research is that one student after another, walked into one interview after another, sharing one story after another of what good our teaching does, or not, and how. No amount of rhetoric or list of adjectives can diminish the importance of the point and how important the Māori and Pasifika students saw it was to have their voice heard.

“How we teach in our small groups with Māori and Pasifika, in our University, is our future as a nation, in miniature. Thank you for this award. We receive it humbly, mindful of the support of many; and mindful too of the need to continue to research for improved equity outcomes and success for all.

“Kia ora kaoutou. Fa’aïetai tele lava.”

New look for Leigh

Leigh Marine Laboratory now has a new Science Centre building, housing custom-designed laboratories and offices for staff and students.

Its completion marks the end of the second phase of the construction project at Leigh. The first phase was construction of a new bunkhouse for students studying and working at Leigh. The next phase will see construction of a new Interpretive Centre giving the thousands of people who visit Goat Island Marine Reserve every year the opportunity to learn more about the marine environment and the work of our scientists.

The Science Centre building was opened on Thursday 26 August at a low-key celebration event to thank the Mayor for her support throughout the redevelopment process.

Pictured on an external stairwell of the new building are (from left to right) Professor John Montgomery, Director of the Leigh Marine Laboratory; John Morgan, CEO of NIWA; Chris Mace, Chair of the South Pacific Centre for Marine Science Strategy Group; Professor Grant Guilford, Dean of Science, and Her Worship Penny Webster, Mayor of Rodney District Council.
Health Research Council Funding Round
Registration for Project, Programme extensions, Feasibility Study and Emerging Researcher First Grant will be open on the HRC portal 23–29 September. The Research Office deadline for “Expressions of Interest” aligned to one of four Research Investment Streams is 12 noon, 6 October. For further information, contact Carmella Lee, Fund Specialist carmella.lee@ auckland.ac.nz, ext 83562.

National Heart Foundation Limited Budget Grant (Round 2)
To fund a wide variety of research-related activities which support the aims of the National Heart Foundation, awards are made in three areas: small project, grant-in-aid and travel grants. The Research Office closing date is 24 September. For further details contact Carmella Lee, HRC Funding Specialist, carmella.lee@auckland.ac.nz ext 83562.

Te Tipu Pūtaiao Postgraduate Fellowships
These provide FRST funding for masters, doctoral and postdoctoral research aligned to one of four Vision Mātauranga themes. The Research Office closing date is 12 noon, 6 October 2010. For further details contact Mandy Brown, Research Administrator, mandy. brown@auckland.ac.nz ext 82735.

Royal Society International Mobility Fund
This replaces ISAT, for mobility funding to work on joint international research projects, in particular with Australia, Canada, China, Europe, India, Japan, Korea, Latin America and the United States. The Research Office closing date is 28 September. For further details contact Chris Tews, Fund Specialist, c.tews@auckland.ac.nz ext 84886.

The Bill and Melinda Gates Foundation
"Grand Challenges Explorations” are initial grants of up to $100,000 USD with opportunity for further funding up to $1m USD. For “innovative and unconventional” global health solutions. Research Office closing date is 19 October. For further information please contact David Saunders, International Fund Specialist, d.saunders@auckland.ac.nz ext 84886.

Ako Aotearoa
Good Practice Publication Grants (Round 2) to enable groups or individuals to share their proven good practice (ie, of benefit to learners) across the tertiary education sector in Aotearoa-New Zealand for publication on the Ako Aotearoa website. The Research Office closing date is 22 October. For further details contact Chris Tews, Fund Specialist, c.tews@auckland.ac.nz

Ministry of Foreign Affairs and Trade
Historical Research Grants
These provide a maximum of $5000 (non-salary) for historical research on “New Zealand’s place in the world”. The Research Office closing date is 22 October. For further details contact Mandy Brown, Research Administrator, mandy.brown@auckland.ac.nz ext 82735.

For full list: researchoffice@auckland.ac.nz

Better city, better life

Ira Iskandar in Germany

What Ira Iskandar has noticed so far in her brief time at The University of Auckland is that it offers a vibrant, multicultural environment which rewards and encourages creativity.

Ira is a second-year masters student in Environmental Governance from the University of Freiburg in Germany, one of our partner institutions. She is here in as an intern to co-ordinate the activities being planned and organised by staff and students from across the University to mark the UN-HABITAT’s World Habitat Day.

Since UN-HABITAT is the United Nations’ Human Settlements Programme, with a mandate to promote socially and environmentally sustainable towns and cities, this accords well with Ira’s scholastic interests and her intention to write a thesis on urban sustainability and the institutional changes required to advance it.

The University of Auckland is the first New Zealand partner in UN-HABITAT’s innovative Habitat Partner University Network. This year’s World Habitat Day, with its theme of “Better city, better life,” has particular resonance now in Auckland with the imminent transformation to a “Super City”. The University is set to mark the day (4 October) with a range of events and activities from 29 September to 6 October.

Ira is coordinating the working group, comprising students and staff from across the University, with a particularly strong representation from Architecture and Planning.

The series of events, intended to raise awareness of the UN-HABITAT wide campaign on urbanisation and its related issues and to showcase the University’s initiatives in urban sustainability, will include a seminar series and panel discussions; workshops on gardening and composting held in the University grounds; a photo competition designed to encourage participation and creativity in interpretation of urbanisation issues; and an interactive Urban Survivor Installation led by students of Architecture and Planning.

The photography competition - What does “Better city, better life” mean to you? - will focus on UN-HABITAT’s three “pillars of sustainability” equity, ecology and economy. Entries close 29 September, 12 noon.

Staff and students are invited to participate in the Urban Survivor Installation, which will be in the Quad in the City Campus from 29 September to 6 October.

For further details and updates to the programme, inquire from Ira Iskandar on i.iskandar@auckland.ac.nz

‘Vital’ programme earns praise

The Future Research Leaders Programme, seen as vital to the future of the University by Professor Jane Harding, Deputy Vice-Chancellor (Research) and Kath Clarke, Human Resources Director, is now earning high praise from the staff who have participated.

The programme, which has passed with great success through its pilot stage and has been customised to the New Zealand research context, is being offered to early-to-mid career staff members who aspire to or are about to take on research leadership roles.

“i just loved it,” says Dr Barbara Kensington-Miller from the Centre for Academic Development.

“For me, the greatest benefit was how much I learned about how research is done in the

Barbara Kensington-Miller
Making of a thesis idol

Lena Kelly delivers her winning presentation.

“Good afternoon ladies and gentlemen, my name is Lena and I am a Civil Engineer.”

The speaker was PhD student Lena Kelly, introducing what proved to be the winning entry for the three-minute thesis competition – also known as “Thesis Idol” – which now features in universities worldwide and was held for the first time this year at The University of Auckland, hosted by the School of Graduate Studies.

With its panel of three “renowned judges”, its large and responsive audience, and the high quality of its contestants, the event succeeded in creating an atmosphere every bit as lively as that of the popular TV show, while also providing a training for researchers in the very useful skill of how to present their findings in an accessible way to a general audience.

“And this,” continued Lena as she pointed to the single slide allowable to each contestant as part of the presentation, “is why you should care about my thesis.

“This is the Schoharie bridge, a concrete and steel bridge built in the 1950s which is part of the highway linking New York City and Buffalo. Thirty-five years after it was built, witnesses heard what they described as an explosion of thunder.

The entire bridge plunged into the river below severing the highway and killing ten people.

“So my question for you is, Why? Why did this bridge collapse? Maybe the structure simply wasn’t strong enough. Could it be that the bridge hadn’t been regularly maintained? Could the water have eroded the concrete? Perhaps the supports weren’t well-connected to the bridge?

“The actual answer is something you can’t see at first glance. Its all the way down at the base of the supports. The answer is bridge scour, which is the topic of my thesis. I aim to improve the method of predicting the amount of bridge scour so that incidents like this one don’t happen to people like you. Think back to the last time you were at the beach. You’re standing in the shallows gazing out to sea and a wave breaks across your ankles. The next thing you feel is the water rushing back past your feet towards the ocean. You will notice that the sand behind your feet is washed out by “scouring” and your heels are left unsupported and sink into the sand.

“Bridge scour is exactly the same thing, it’s the process by which part of the sand surrounding the bridge’s supports erodes away. Below the Schoharie bridge, the depth of the scour reached three metres, causing the supports to tip towards this hole and bring the entire bridge down.

“Existing bridge scour equations only apply to specific bridge designs and water depths, but prove wildly inaccurate for many common configurations. My research involves physical modelling of several different types of bridges, creating a scale real-life scour profile for each. These profiles are then analysed to modify the existing equations to include a more diverse range of bridge types.

“The final result of my thesis will improve the accuracy and scope of the existing design methods, to include cases such as schoharie. With this information designers can determine whether the scour depth will be critical, then optimise bridge designs by changing the bridge support configuration, the shape of the supports or even consider armouring the effected area. This will lead to more efficient designs, cheaper bridges and ultimately fewer failures.”

“So next time you are stuck in traffic driving across the harbour bridge, looking for cracks, feeling it sway, remember it’s what’s underneath that counts.

“The prediction of scour depths by use of empirical formula is not currently accurate for structures that are wide compared to the surrounding water depth. The empirical formulas tend to overpredict the amount of scour, and over the last decade there have been many attempts to fix his problem.

“Most local scour equations give the scour depth as a multiple of the pier typically between 1.5 to 2.4 times the pier width. When dealing with wide pier’s which can be ten metres wide the effect of overpredicting the scour is critical.”

Lena will fly to Queensland for the Trans-Tasman finals on 21 September. Second and third placegetters were Lyndon Burford (Political Science) and Ashley Young (Chemical and Materials Engineering). All three finalists received a watch from Citizen Watches and a Short Course at the Business School. Warm congratulations to the organisers and their sponsors for an entertaining and successful inaugural event.

University and what is available to researchers in relation to finance, grants and funding.

“I learned about difficulties that can arise from collaborations, which could be personal differences, issues of financial management or intellectual property, or even just the problems imposed by geographical distances.

“I also learned a lot about how to manage and lead a team, taking responsibility for the input of others and being responsive to their needs.”

Developed by the Australian Group of Eight Universities and customised to the New Zealand environment by this university, the FRLP is a structured modular training programme designed to develop capabilities in research strategy and planning, commencement and collaboration, governance and compliance, intellectual property and commercialisation, financial resource and risk management, grant and contract administration, managing and leading people in a research context, and project closeout. Each module comprises three components: three to four hours of on-line learning, a half or full-day face-to-face workshop, and a guided conversation of 40 to 60 minutes with a senior researcher. Barbara says the whole strategy of the eight modules is to “lead you right through from planning research to project closeout”, though she adds that each module also stands alone.

The programme is now being presented twice a year with three modules completed last month, another two to be offered in November and December, and three more early next year. The whole programme will begin again in May.

The University of Auckland holds the New Zealand licence for the FRLP, with the right to sub-licence to other New Zealand universities. Barbara says the programme was very well-organised, with high-quality speakers (“Some were sensational”), drawn from among the University’s own research leaders, as well as from Uniservices, the Research Office, HR and some of the funding agencies. She thoroughly recommends the programme to researchers across all the faculties of the University.

For inquiries or applications please contact Amy Hopper from the Staff and Organisational Development Unit on a.hopper@auckland.ac.nz or ext 87227. Preference will be given to staff who wish to complete all modules, but the programme will also be open to those who wish to “pick and choose”.  

Jane Harding and Kath Clarke – the programme’s sponsors – would like to thank all who have contributed their time and expertise: facilitators, presenters, reviewers, panellists and IT support.
Top qualifiers for $100k Challenge

On 20 August 13 teams stepped closer to turning their business ideas to reality with the announcement of the 2010 Spark $100k Challenge Qualifiers.

The qualifying teams, which must consist of at least one staff member or current student, were selected from 65 entries. Business ideas ranged from medical devices and a weight-reducing alloy metal to ventures that would seek to bring about social change, such as improving the diets of school children or advancing the retailing of fair trade products.

“Even though only a few could be chosen as qualifiers, each of the ideas submitted for this contest could easily be developed into successful businesses,” said guest speaker Greg Cross, Chairperson of business growth centre, The ICEHOUSE.

Greg Cross is more than familiar with the Spark programme – he is the co-founder and Executive Chair of PowerByProxi which was a runner-up in the inaugural Spark $40k Challenge.

Each qualifying team now has a place in the Spark Launch Pad Programme, providing $5,000 worth of business development workshops and mentorship.

The teams will also now compete for the ultimate prize of $20,000 seed capital and incubation at The ICEHOUSE – with a total prize value of $30,000.

Spark is a student-led initiative established in 2003 with the aim of encouraging New Zealanders who strive to be innovative and entrepreneurial. It has given rise to 65 start-up ventures to date.

All teams who entered the competition will receive feedback and advice that will motivate them to continue with their business ventures.

The grand winners will be announced on 20 October.

The 2010 Spark $100k Challenge qualifiers are:

- Healthy Memory Company Ltd – reducing memory loss in baby boomers
- PhotoPURE Environment Purification – air and water purifier
- Vigilance – device for detecting drowsiness
- The G.I. Joes – medical device for detecting gastric dysrhythmias through electrical activity
- Pluen – technology to develop weight-reducing magnesium alloy metal
- Mind Epos – device for interpreting psychological states based on brain activity
- Health Touch – facilitating data collection using touch screen technology at GP practices
- ZaroadNZ – specialty meat centre operating through retail branch
- OneBeep – connecting computers using radio waves
- MyMix – venture for integrating healthy eating habits within schools
- Vital Link – facilitating fair trade through social networks
- Origin Egg Nog – a unique egg nog, where you can trace the ingredients to its origin
- P3 Foundation – business helping to eradicate youth poverty.

University of Auckland top in NZ

The University of Auckland has once more been ranked as the top university in New Zealand following the publication of the 2010 QS World University Rankings.

This is in line with its place in the Shanghai Jiao Tong (2010) rankings where the University was ranked top among New Zealand universities.

In the latest QS World University Rankings the University’s position is 68th, last year it was placed 61st in the rankings QS devised with the Times Higher, and 65th in 2008.

“We are pleased to have retained our position in the top 100 but we will struggle to maintain parity with our international peers if the underinvestment in New Zealand universities continues,” said Vice-Chancellor, Professor Stuart McCutcheon.

“New Zealand’s direct public investment in tertiary institutions is 58 percent out of the total expenditure on tertiary education, this compares with an OECD average of 81 percent, and just under 70 percent in Australia for tertiary institutions. As other countries increase their per student expenditure, the gap is only going to widen.”

In the subject rankings of Life Sciences and Medicine and Social Sciences and Management, the University was placed in the top 50 in the world – 41st and 38th respectively. It was placed 51st in Arts and Humanities; 55th in Engineering and Technology and 68th in Natural Sciences. In the important ranking of “employer reputation”, the University was placed 39th.

Two other New Zealand universities - Otago (135) and Canterbury (189) - were placed in the top 200 in the 2010 QS World University Rankings.

Talking Science

There wasn’t a seat to spare at the inaugural Talking Science event, with all 200 places reserved weeks in advance.

Hosted by the Faculty of Science and External Relations, the panel discussion on “Global warming: why can’t scientists agree?” was an informal forum for discussion of controversial and popular that the next event will look at the social science of climate change – how what we know about people can help in developing a response.

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An introduction to the greenhouse effect and factors contributing to climate change was provided by Professor Glenn McGregor, Director of the School of Environment. He pointed out that while natural factors such as solar variability and volcanic eruptions play a role, they are insufficient to explain the increases in temperature that have been observed.

Honorary Research Associate Dr Jim Salinger, formerly of NIWA, described the New Zealand climate record, which documents a steady increase in temperatures, and rebutted recent claims that the data are invalid due to “adjustment”.

Climate physicist Professor Rodger Davies spoke about the critical role of water vapour and clouds – which the audience was surprised to learn have a greater greenhouse effect than carbon dioxide – and the dilemmas scientists face trying to incorporate them into climate models. His own work with NASA observing and modelling clouds is part of international efforts to address this.

Climatologist Dr Anthony Fowler explained how “proxies” like tree rings can be used to reconstruct the ancient climate, and the possible reasons for discrepancies between such reconstructions and events in human history such as the “little ice age”. Using the kauri record he is learning about how El Niño-La Niña oscillations in the southern hemisphere influence global climate patterns.

Marine biologist Dr Mary Sewell talked about the research on acidification of the oceans – known as “the other CO2 problem” – and how this is damaging marine species that use carbon compounds in seawater to build their skeletons. Many of these organisms, such as plankton and coral, play key roles in marine ecosystems and the effects will be wide-ranging.

Responding to questions from the audience the panellists said that the arguments against human-induced climate change seemed constantly to shift, being replaced as fast as they were disproven by science and derailing international work toward a solution. Some expressed frustration with the time and effort scientists spent addressing these arguments and with the suggestion that scientists sought anything but the truth.

Talking Science will be held twice per year as an informal forum for discussion of controversial and topical scientific issues. Last week’s topic was so popular that the next event will look at the social science of climate change – how what we know about people can help in developing a response.
What’s on
FRIDAY 17 SEPTEMBER
Luncheon concert
Featuring School of Music students from the strings and flute departments. 1.05-1.55pm Music Theatre, 5th floor. Coffee and refreshments at 10.45am. Short registration at 1.00pm. Short registration at 1.00pm.
Future Proof Lecture 2010
Steve Polett: Future energy issues in NZ.
6-7pm Design Lecture Theatre, NCIAT Conference Centre, 22 Symonds St.
2010 Robert C Solomon Philosophy lecture
Prof Peter Goldie, Hon Fellow. Oystein: and how to acquire ‘sudden taste’. 6pm Library Lecture Theatre 815.

WEDNESDAY 22 SEPTEMBER
Dept of Applied Language Studies and Linguistics seminar
Dr Sun Hee Oh Kim, Macquarie University, Sydney. From myths to the reality: Perceptions of settlement and language learning among adult immigrants in Australia. 12noon Rm 103, Fisher Bld, 18 Waterfoot Quadrant.
Dept of Psychology seminar
Susanne Barker-Collo, UoA: Prevalence of neuropsychological deficits in five-year stroke survivors and their impact on functional outcomes: Results from the ASTRO population-based study. 12noon HS4 604.
Inaugural lecture
Prof Michael Leggett, Dept of English: Good eyes: Poetry, people and new media. 6.30pm Conference Centre, 22 Symonds St.
Fast Forward lecture series
Thom Craig, Thom Craig Architects, Christchurch. 6.30pm Rm 1439, School of Engineering, 20 Symonds St.

THURSDAY 23 SEPTEMBER
Dept of Mathematics colloquium
Prof Craig Green, Cambridge University. Arithmetic progressions of primes. 3pm MLT1, Maths/Physics Bldg.
Department of History seminar
Clive Stone, Royal Society of NZ. Teachers Fellow 2010. The making, meaning and migration of NZ war art produced in the Pacific in WW Two. 4pm Room 59, History Department.
CMS Media Studies Employers Panel and Expo
5-7pm venue tba. University Careers Service event. Register at www.auckland.ac.nz/careerhub. Queries to ext 88727 or cmed@ auckland.ac.nz.
Department of English lecture
Prof Tiffany Stern, Professor of Early Modern Drama, Oxford University. Shakespeare are on page and stage. 6pm Lecture Theatre, OGH.

FRIDAY 24 SEPTEMBER
School of Music lunchtime concert
Featuring students from the brass and woodwind departments. 1.05-1.55pm Music Theatre, 6 Symonds St. Free

SATURDAY 25 SEPTEMBER
Academy of Music Piano Workshop
9.30am-4pm Music Theatre, School of Music, 6 Symonds St. Cost $20. Registration required. With Rae de Lisle and Stephen De Pledge.

MONDAY 27 SEPTEMBER
Women to watch seminar
Assoc Prof Karen Grylls, School of Music. 3pm Main Dining Room, OGH.
Presented by the Kate Edger Educational Charitable Trust. Drinks and nibbles to follow. RSVP to janellebucknerlta.co.nz

TUESDAY 28 SEPTEMBER
Graduation
The Graduation Procession for all faculties leaves from Albert Marquee, Old Government House grounds at 9.15am and crosses Princes Street to enter Bowen Avenue at 9.30am. Ceremony times at the Aotea Centre: Business and Social Sciences 1.30pm; Education, Engineering, Law 4.30pm; Science, Medical and Health Sciences 7.30pm. Arts, Creative Arts and Industries.
Visit www.auckland.ac.nz/ua/pid/uoa-home/current-students/cs-academic-information/Postgraduate/Graduation Window 7 upgrade workshop
10am-12noon CAD, 4th Floor, 76 Symonds St. Phone 923 7951 to enrol.
School of music seminar
Kevin Field: Techniques and interpretation for contemporary jazz compositions within a piana trio context. 10.15-1.55pm Music Theatre.
Bioengineering and Physiology seminar
Dr Fiona Zhao, National Institute of Standards and Technology (NIST), USA: Research trends in interoperable medical devices. 12noon Lecture Theatre 3 401, School of Engineering.
School of Environment seminar
Dr David Conradson: Thinking ecologically about well-being. 1.30pm HS8 429.
Peer tutors: The teaching tools
staring you in the face
1-2pm Rm 420, Level 4, Kate Edger Institute, 8 Commons, 3 Symonds St. Find out how employing a dedicated band of peer tutors has improved student performance in a large stage two physiology course. For further details go to www.caad.ac.nz/teaching, email CAD reception caadrecepcion@caad.ac.nz or phone ext 88727.
Department of Psychology seminar
Dr Adam Brown, Dept of Psychiatry, NYU School of Medicine: Refocusing the trauma lens: From the past to the future. 4pm Room 115, School of Psychology.
Otago Foundation Hearing Education Centre research seminar
Dr Grant Searchfield, USA: A downward view of bottom-up top-down times processing. 5pm Rm 730 220, School of Population Health, Tamaki Campus.
Auckland branch of Society for Legal and Social Philosophy seminar
‘How to acquire a flat in the bottom-end of the market’. Tax assistance and the role of law. 6pm Small Lecture Theatre, Bldg 803, School of Law.
Songwriter of the Year 2010 Final
7.30pm Maidment Theatre, 8 Alfred St.
Cost $15 @ $10.50. Phone 308 2383.

THURSDAY 30 SEPTEMBER
Postgraduate Study Information Evening
6-8.30pm NCIAT Student Centre, 26 Symonds St. An opportunity to find out about postgraduate study and research in Arts, Business, Engineering, Law, Design, Dance Studies, Fine Arts, Music and Sonic Arts.
Queries to info-creative@auckland.ac.nz
New Zealand film screening
The Girl Who Leapt Through Time. 7.30pm Lecture Theatre 815, General Library Bldg. Animated film directed by Makoto Shinkai. 30 minutes, rated PG. Admission free.

classifieds
ACCOMMODATION AVAILABLE
Art Deco apartment available for short term rental. Quintessential 1930s apartment, fastidiously restored with a superb blend of Art Deco furnishings and modern conveniences. Ideally situated in historic Westminster Court, on Parliament St across from OGH. Building is fully secure with swimming pool and recreational facilities. Two bedroom apartment. The apartment comprises one bedroom + library/dining rm, large lounge, fully equipped kitchen with all mod con and tiled bathroom and laundry. Perfect retreat for a busy academic. Carpark optional. Contact Dawn Judge, (ph) 021 528 223 or email dawndimension@xtra.co.nz
House-sitter wanted. Responsible, mature professional couple or individual required to house-sit Pensary, Avika from 24 December 2010 to 5 January 2011. Very handy to shops and cafes. No kids, no pets, n.s. In return for security and garden watering only will cost $500wards per day. Bookings for experience required. Phone (09) 378 8883 or (021) 637 887. Email suereydi@gmail.com
Modern three bedroom, two bathroom townhouse in Epsom. Dible internal garage. Private sunny courtyard. Newly renovated. Dabei garage zone, ENPS, ANI. Handy to shops, schools, parks, trains. No smokers/pets please. $700pw. Available now. Contact Anna on (021) 125 9927 or annaal@auckland.co.nz
One bedroom flat available in Chatswood, Birkenhead. Open plan lounge with kitchen area, separate bdrm and bthrm, morning sun, OPP, own entrance to quiet residential street. $250pw. Inclusive of all. No kids, no pets, n/s. suit single professional person. $285 pw, includes power and water. Contact Margaret on 480 9249
Sabbatical or holiday retreat in Greek fully-furnished apartment in East Peloponese close to beach, overlooking the Aegean sea, with view of orange groves. Email f.fookes@auk.ac.nz or visit www.tyrossapartment.com
Two bedroom townhouse. Two bus zones from central, close to shops, trains, cafes, Mt Roskill area. Private garden. $350 pw. Available for 6-12 months. Ph 62 6988.

accommodation required
House sit/apartment sit/flat sit
wanted in central Ak (Parnell, Mt Eden, CBD etc), before 1st of October until Christmas. Male/lady sitter, mature, N/S, currently working at Parliament in Wellington. Will happily take care of garden. No car parking required. Reference required. Email bernie.salmont@govt.nz

Please email classified ads to m.playfair@auk.ac.nz nine days before publication. Cost $20 (incl GST).

For a full list of The University of Auckland events see: www.auckland.ac.nz/ua/oahome/events

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