

## OUR NEW CAMPUS

Some Engineering students will be studying at the University's brand new Newmarket Campus as early as next year.

In a landmark decision, the University Council approved the acquisition of the 5.2ha former Lion Breweries site in Newmarket at its 22 April meeting. (See the Vice-Chancellor's column, page 3)

Director Property Services Peter Fehl says work will begin on demolishing many of the old brewery facilities as soon as the University takes possession of the site in June. "We will then be upgrading and retrofitting existing warehouse buildings on site for use as engineering research laboratories with the intent that the Faculty of Engineering can start moving research equipment and students in, in 2014.

"This is an exciting and significant development initiative for the University, the Newmarket community and Auckland City," said Vice-Chancellor Professor Stuart McCutcheon in announcing the decision.

The Newmarket Campus will join the City and Grafton Campuses to create an integrated campus cluster with a comprehensive public transport network of bus and rail routes servicing the area and facilitating rapid movement between the three campuses.

Over time we anticipate relocating activities from the Tāmaki and Epsom campuses to the City/Grafton/Newmarket location. The timeframe over which this relocation occurs is yet to be determined, but ultimately this is expected to result in a significant reduction in our total landholdings.

## A real Cook



Director Property Services Peter Fehl with the Cook statue

When the University officially takes over the Newmarket site at the end of May, it will also inherit an important remnant of the site's colourful history: a one and a quarter-real-life size marble replica of the great Pacific navigator Captain James Cook. He was erected on the site on top of the Captain Cook Brewery in 1884 (see History of site, page 2).

But is our Cook the real deal or not? The *University News* has been alerted to controversy around this bloke's authenticity, with some suggestions that he is a marble statue imported from Italy. According to a Royal New Zealand

Navy expert consulted by Wellington's *Evening Post* for an article published on 11/8/1969, the statue's face, hat and epaulettes are wrong: "The face looks nothing like the majority of the portraits of Cook painted at the time: the hat is totally wrong - Cook would have worn a tricorne: the cockade on the hat is wrong, and any cockade would have been on the front of the hat, while epaulettes shown on the model are out of the time - they weren't introduced until 16 years after Cook's death."

The statue's authenticity appears to have been questioned when three bronze castings of the original were made for the Cook bicentenary. One of these went to Kaiti Hill, Gisborne, above the site of Cook's first landing in 1769; one was for James Cook High School in Manurewa; and one stands outside the new Lion Breweries headquarters in Papatoetoe.

The Gisborne Cook has since been labelled an "imposter", nicknamed the "pasta cook", and even pushed off its pedestal only to be re-instated. In a bid to appease local controversy, a new millennium statue of Captain Cook was erected at the mouth of the Turanganui River.

However, *University News* has been reassured that the original Captain Cook statue it is about to inherit, is not a fake.

"When Samuel Jagger, co-owner of Captain Cook Brewery took possession of the statue in 1884," says long-time Lion Breweries Librarian, Edna Carson, "he was certainly convinced that it

*Continued on page 2*

## Historic site

The University's ownership of Newmarket will herald a new era in the history of the site which was first a large vegetable garden owned by Thomas Roach (spelled Roche in some sources) and then became the Captain Cook Inn, built in 1857 or 1858.

According to records kept at the Lion headquarters library in East Tāmaki, Roach sold his inn to Thomas Hancock for £3,000 in 1859. Hancock, making use of a plentiful supply of pure spring water on the site, began brewing beer in sheds behind the inn while his daughters were serving in the bar. He soon established "a modest little model brewery" with the addition of malting houses a few years later.

"There was then hardly any business attached to the house....but I stuck to it ..." wrote Hancock at the time. "When the Taranaki war broke out there was a stir Amongst [sic] the troops, etc, and it began to make a little more money ... After awhile I began brewing for my own house. The beer grew in favour and became well patronised. Gradually it got a good reputation. Publicans even, going into the country for a jaunt, would call in for some of my beer for their own use."

By 1871, the Captain Cook Brewery was firmly established and Hancock had taken his son-in-law Samuel Jagger into partnership. In 1882 Jagger constructed new brick buildings for the brewery including a five-storey tower. These were designed by Stephenson, of the firm Baildon and Stephenson, and after completion, in 1884, a statue of Captain Cook was mounted on the roof above the main entrance.

Jagger died in 1890 and Hancock in 1893, and the brewery was taken over by Moss Davis who had been in partnership with them since 1885. When he went to England in 1910, he left his operation to his two sons Ernest and Eliot who managed it until 1923. The Captain Cook Brewery and the original Lion Brewery on the other side of Khyber Pass Road, were two of the 10 major brewing companies throughout New Zealand that then amalgamated to form the giant conglomerate New Zealand Breweries Limited, which occupied the old Captain Cook site and adjoining land.

In 1977 the company's name was changed to Lion Breweries and in 1986 to Lion Corporation Ltd. Following the merger with LD Nathan and Co Ltd, the company's name was changed to Lion Nathan in June 1988, with the northern brewing operation retaining the name of Lion Breweries.

Today Lion, as the company is now known, is a major Australasian food and beverage company of which the former Lion Breweries brand is a core part.

Thomas Hancock



*Newmarket Campus continued from page 1*

was Captain Cook (otherwise he would probably have rejected the statue) and according to an article at the time, it stated that the sculptor 'designed the statue from the best known portrait in existence, which attracted much attention in the Sydney Exhibition'. As I have never been able to prove who the sculptor was, my guess has always been that because of the uniform, it was either one of the Italian sculptors working in Sydney at the time – or possibly someone working for them.

"Over the years I have contacted sculpture experts in Australia and though they have been unable to identify the sculptor for me, they have said that the features are definitely a likeness of Cook (as judged by the portraits in existence then), though the uniform might be the sculptor's own interpretation of what a naval officer would wear, possibly influenced by his own background, ie, Italian.

"There have been a number of stories about the sculpture over the years, including an extremely inaccurate one I've just seen that Samuel Jagger ordered it in 1886 from Italy on his way back from a trip to England – by this time the statue had already been in place above for the brewery for two years!"

At the University's own Department of Art History, Edna's assertion that Cook is indeed not an imposter has been confirmed. Says Senior Lecturer in Art History, Robin Woodward who has studied sculpture from this era: "With regard to the source and form of the sculpture, my understanding is the same as that of the Lion Librarian."

## Indonesian students



*Caroline Daley with Professor Supriadi Rustad, Director for Human Resources at the Ministry of Education and Culture*

**The University has signed an agreement securing sponsorship of up to 50 Indonesian PhD and masters students per year on full scholarship.**

Dr Caroline Daley, Dean of Graduate Studies signed the agreement with the Ministry of Education and Culture (Dikti) in Indonesia in early April and says the New Zealand Embassy in Jakarta had been very supportive.

"Indonesia is a major focus for the government at present, as is international education and in fact Education New Zealand held an Education

Fair in Indonesia just after we signed the agreement.

"The students The University of Auckland will take, will be academics from universities across Indonesia selected by Dikti for upskilling. At present these types of students are likely to choose to go to an Australian university. Dikti is keen to diversify the institutions their candidates study at.

"The Indonesian Government will pay the tuition fees and living stipend for all of the scholarship holders," explains Caroline. "For masters students, this will be for two years. For PhD students, Dikti will pay for three years and then the student can apply for a further six months of funding (fees and living costs) from Dikti. This is the same arrangement that we have for University doctoral scholarships. In addition, Dikti agreed to pay the living costs of PhD candidates who need to undertake an intensive ten week English language course before they begin their doctoral work. The tuition fees for this course, at the English Language Academy, will be paid by us. It is unusual for Dikti to pay living costs while students are undertaking a language enrichment course, so we're especially pleased that they've agreed to do this."

What are Kiwi kids' most common food allergies? What time do they go to sleep at night? How long can they stand on their left leg with their eyes closed?

Thousands of students aged between 10 and 18 (Year 5 to Year 13) are due to start answering these questions – and a host of others about their lives – when the online CensusAtSchool 2013 (CAS) begins on Monday 6 May, the first day of the new school term.

Now in its sixth edition, CAS is a biennial collaborative project run by The University of Auckland's Department of Statistics involving teachers and funders Statistics New Zealand and the Ministry of Education. It's part of an international effort to boost statistical capability among young people, and is carried out in Australia, the United Kingdom, Canada, the US, Japan and South Africa.

So far, 474 schools have registered to take part. Co-directors Professor Chris Wild of the Department of Statistics and Rachel Cunliffe, a former lecturer in the department, say that teachers will administer the census in class between 6 May and 14 June. The 32-question survey, available in English and Māori, aims to raise students' interest in statistics and provide a fascinating picture of what they are thinking, feeling and doing.

"A good way to engage students in mathematics and statistics is to start from a place that's familiar to them – their own lives and the

lives of their friends," says Rachel. "Students love taking part in the activities and then, in class with their teachers, becoming "data detectives" to see what stories are in the results – and not just in their own classroom, but across the country."

Students are being asked for the first time about food allergies to reflect the lack of data on the issue, says Rachel. "Students will be able to explore the dataset to compare the prevalence of self-reported allergies for different ages, ethnicities and sexes."

Andrew Tideswell, manager of the Statistics New Zealand Education Team, says the country's statistics curriculum is world-leading, and CensusAtSchool helps teachers and students get the most out of it. "By engaging in CensusAtSchool, students have an experience that mirrors the structure of the national census, and it encourages them to think about the need for information and ways we might use it to solve problems," he says. "Students develop the statistical literacy they need if New Zealand is to be an effective democracy where citizens can use statistics to make informed decisions."

Westlake Girls High School maths teacher Dru Rose is planning for about 800 Year 9 and 10 students to take part. She's keen to see the data that will emerge from questions about how many hours of homework students did the night before and how many hours sleep they had. "It's real-life stuff," she says. "We'll be able to examine the data and see if there are any links."

## Annual Report out

The 2012 Annual Report is now out.

It features reports from the faculties, Chancellor and Vice-Chancellor and an essay looking at the achievements and successes of the University's 2005-2012 Strategic Plan.

Staff for who would like a copy should contact Kate Pitcher: k.pitcher@auckland.ac.nz



## Charms and harms of natural medicines

With strong popular interest in natural medicines, and real concerns over their quality, safety and efficacy, this year's Winter Lecture series looks set to hold wide appeal.

Topics cover the spectrum from nature's molecular creativity and modern drug discovery via natural resources, evidence for efficacy and safety of herbal and other "natural"/complementary medicines including those with "lifestyle" uses such as smoking cessation, to safe monitoring and regulation strategies for these types of products.

Speakers are internationally known in their respective fields, and come from four schools across The Faculty of Medical and Health Sciences, and Faculty of Science. They include Distinguished Professor Margaret Brimble School of Chemical Sciences and Institute for Innovation in Biotechnology speaking on Nature's medicine chest: opportunities for drug discovery. Dr Natalie Walker PhD Programme Leader, Addiction, National Institute for Health Innovation School of Population Health: Can alternative medicines help you quit smoking? and Professor Gil Hardy PhD FRSC Chief Scientific Officer, AnQual Laboratories and School of Pharmacy: Interactions between medicines and food supplements.



The University of Auckland Council has confirmed that the acquisition of the 5.2ha former Lion Breweries site in Newmarket will proceed, effective 31 May 2013.

This landmark decision signifies the beginning of a 30-year development of the site, spanning a timeframe, to create a mixed-use campus, with teaching and research facilities, student accommodation, business development and other facilities.

The Newmarket Campus will join the City and Grafton Campuses to create an integrated campus cluster, supporting long term growth and enabling the University to deliver to Auckland and New Zealand the full benefits of a multi-disciplinary, world-ranked research university.

There is already a comprehensive public transport network of bus and rail routes servicing the area, which will greatly facilitate rapid movement between the three campuses. Work will begin on demolishing many of the old brewery facilities as soon as the University takes possession of the site in June. The first projects to be undertaken on the Newmarket site will be the total refurbishment of some existing buildings to provide for greatly enhanced engineering research space and the construction of a new civil structures hall, including a nine metre strong wall (one of the largest in Australasia). This work will be a prelude to the extensive refurbishment and new build of the Faculty of Engineering facilities on the City Campus at a cost in the region of \$200m.

Further developments on the Newmarket Campus will be staged as demands for new facilities arise and will be delivered in the context of a framework plan already developed for the site by Jasmac and Architectus Architects to ensure that we create a coherent and pleasant campus environment for our staff, students and visitors. Over time we anticipate relocating activities from the Tāmaki and Epsom Campuses to the City/Grafton/Newmarket location. The timeframe over which this relocation occurs is yet to be determined, but ultimately this is expected to result in a significant reduction in our total landholdings.

This is an exciting and significant development initiative for the University, the Newmarket community and Auckland City and I look forward to keeping you informed of progress. Meanwhile, I would like to express my appreciation to the many people in the University, its consultant firms and the Auckland City administration who have done so much to help make this vision for an integrated central city University campus a reality.

## Tribute to trailblazing educationalist



From left: Marie Clay Literary Trust members: Barbara Watson and Graham McEwan with Professor Stuart McNaughton

Around 120 people attended a tribute to Professor Emerita Dame Marie Clay at the Faculty of Education this week, the first woman to be appointed a professor at The University of Auckland and the first woman to head an academic department here.

A portrait was unveiled at the tribute, which has gone on permanent display in the faculty's main foyer.

Dean of Education, Associate Professor Graeme Aitken described Dame Marie as a "trailblazer" in many ways, who among other things, "demonstrated that research could make a difference to young people, their lives and their wellbeing".

An internationally renowned developmental psychologist and pioneer of educational literacy, Dame Marie's publication record included 32 books and 75 papers. However, she is best known for her development of "Reading Recovery", a highly effective early literacy intervention widely implemented in schools throughout the world.

Dr Christine Boocock, of the School of Curriculum and Pedagogy and director of National Reading Recovery said at the event that Dame Marie was a person of compassion and humanity, whose research has enriched the lives of children throughout the world. "In New Zealand alone, in the 30 years since the programme was implemented, more than 250,000 children have gone through Reading Recovery."

Dame Marie graduated from The University of Auckland with a Masters degree with honours in 1948, completed a PhD in Education in 1966 and was appointed Professor of Education in 1975, the same year she became head of the department.

Dame Marie's contribution to literacy education has been recognised both here and internationally. She was inducted into the US Reading Hall of Fame in 1980, received the Mackie Medal in Education in 1993, made Dame Commander of the Order of the British Empire (DBE) in 1987 and was awarded five honorary degrees by universities around the world. She was also named New Zealander of the Year in 1994.

The event was attended by people involved in Reading Recovery throughout New Zealand, faculty staff and family of Dame Marie.

Professor Emerita Dame Marie Clay died in 1997.

## If you were to live here...



In consultation with Ngati Whatua, Local Time - an artists' collective which includes Elam staffers Dr Alexandra Monteith and Jonathan Bywater - will provide water from Te Wai Ariki, the freshwater spring at the back of the Law School, for consumption during the 5th Auckland Triennial opening in May.

University staff, students, galleries and curricula are involved in the Triennial - an enormous multi-venue art exhibition curated by Hou Hanru from San Francisco.

Associate Professor Peter Robinson's work will engage staff and visitors to the Auckland War Memorial Museum to make "If you were to work here: the mood in the Māori court". This project involves assigning each member of staff a set of "spirit sticks" (wooden dowels covered in felt coloured red, yellow, green or blue according to the four humours - sanguine, choleric, melancholic

and phlegmatic - of the Hippocratic body) to deploy in the exhibition hall according to how they feel.

Each of the other Triennial projects similarly engages with the fabric of place, turning the searchlight onto its history and memories. Gus Fisher Gallery shares the Kenneth Myers Centre with the School of Music and will exhibit the work of Albanian artist Anri Sala, the French collective Claire Fontaine and Elam graduate Tahi Moore. Free jazz will live up Shortland Street as saxophone students Callum Passells and Asher Truppmann Lattie wander outside to play their instruments in response to Anri Sala's film *Long Sorrow*. Atop the façade, Claire Fontaine's neon sign will announce "Foreigners Everywhere" in Māori, restoring the building's old broadcasting function, visually at least, to promote te reo.

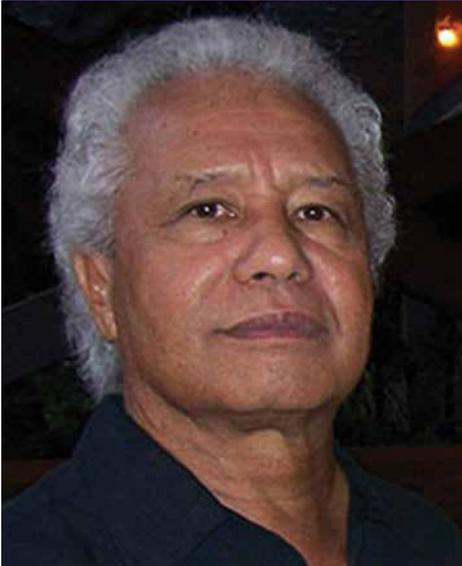
Installed at the George Fraser Gallery for the month of May will be a construction created by three Chinese men - Zheng Guogu (born 1970, Yangjiang), Chen Zaiyan (born 1971, Yangchun) and Sun Qinglin (born 1974, Yangjiang). Eleven years ago, they decided to name themselves after Yangjiang, the city of 2.5 million on the Pearl River Delta in Guangdong Province where they live: they are the 21st century's envoys from a new mirror city. During their time on campus prior to the Triennial opening, they will design a structure in which to brew tea as a demonstration of cultural identity.

Down the hill in the Auckland Art Gallery new Kiwi design ideas will be tested at The Lab, operated by the School of Architecture and Planning. Engineered by doctoral student Sara Lee with lecturer Mike Davis, this will be a space for building culture by rolling out exhibits and events live, featuring encounters between students of dance, music, architecture, planning and design from AUT and Unitec as well as The University of Auckland. Projects will include Professor Andrew Barrie's consideration of the potential of the resurrection of churches to heal Christchurch, and proposals for fresh futures for the Whau River in Avondale, as imagined by Kathy Waghorn from the School of Architecture and Planning, working with American architect Teddy Cruz. Doctoral student Sarosh Mulla, founder of the design collective Oh. No.Sumo, will shake us awake from the quarter-acre property-owning dream.

Contributing islands of ideas to the archipelago which forms the 5th Auckland Triennial, the University adds heft to the hypothesis "If you were to live here" and argues that creative intelligence should be shaping objects and experiences, not the other way around.

Linda Tyler

## Honoured writer



Emeritus Professor of English, Albert Wendt is the Honoured New Zealand writer for a special session at the 2013 Auckland Writers Festival.

Since his first novel in 1973 *Sons For The Return Home Albert* (CNZM) has continued to break new ground as a novelist, poet, playwright, short story writer and artist.

In 2012 alone he published the poetry collection *From A Manoa Garden to Ponsonby* and the short story collection *Ancestry*.

To celebrate his accomplishments, this session on Sunday 19th May will bring the sounds of the Pacific to the stage: live Samoan music; excerpts from Albert's writing read by leading writers; and Albert himself, who will distil his life and writing in conversation with Robert Sullivan.

Another of the University's Pacific writers Dr Selina Tusitala Marsh, an adviser on the 2013 Masters of Creative Writing, features in the festival's Poetry Idol event where poets go head-to-head for the Festival Champion crown. Professor of English Brian Boyd introduces Sir Lloyd Geering who will speak on "How Humans Made God" for the Michael King lecture. Professor Dame Anne Salmond, Associate Professor Damon Salesa and Professor Manying Ip join Paul Diamond to discuss New Zealandness with Distinguished alumnus Sir Don McKinnon in a session entitled "Who are ya?"

See: [www.writersfestival.co.nz](http://www.writersfestival.co.nz)

## Leading architects

Studio Mumbai, led by Indian-born, United States-trained architect Bijoy Jain, will be one of the highlights at this year's *Communique* series run by NICA's School of Architecture and Planning in tandem with the 5th Auckland Triennial.

Making positive use of the unique social and economic conditions defining India's construction industry, the firm operates as a workshop in which carpenters, masons, electricians, plumbers, architects, and engineers all share the same workspace.

Studio Mumbai's work has been exhibited at the Venice Biennale, the subject of an *El Croquis* monograph, and the recipient of numerous international awards. Most recently, Jain received the 2012 Spirit of Nature Wood Architecture Award, the world's most prestigious prize in this field.

The *Communique* lecture series looks at a broad range of issues relevant to architecture and planning. Other speakers include Professor Teddy Cruz from the University of California, San Diego, co-founder of the Center for Urban Ecologies. See [www.creative.auckland.ac.nz/communique](http://www.creative.auckland.ac.nz/communique)



*Copper House II,  
Studio Mumbai,  
Maharashtra,  
India (2011)  
Photo: Hélène Binet*

## Lottery Health results

Lottery Health Research & Equipment Grants and PhD Scholarships for the 2012/2013 round have been announced. Congratulations to our 24 successful applicants who were awarded funding totalling \$1,446,400. The University of Auckland secured approximately 35% of the available funds, up from 20% in the previous round of 2011/2012. Lottery Health Research Committee provides funding for research projects that will improve the health status of New Zealanders. The closing date for the 2013/2014 round is 25 September 2013. The Research Office deadline will be one week prior to that date.

## MBIE funding round

The University of Auckland submitted 38 proposals valued at \$31 million per annum (excluding GST) to MBIE in early April 2013. Twenty proposals were in Biological Industries, twelve in High Value Manufacturing and Services, three in Energy and Minerals and three in Social Research. University of Auckland researchers were also involved in at least eleven proposals led by other research organisations. MBIE aims to provide peer reviews on proposals for rebuttal in May 2013, and decisions will be announced in August. The University also participated in MBIE's facilitated "Sandpit" process for terrestrial biodiversity and biosecurity research.

## US federally-funded awards

All awards and sub-awards of US federal research funding that were held by UniServices have been transferred to the Research Office as of 1 April 2013. This was done to streamline our compliance processes and simplify our audit and reporting obligations relating to US funding. The University of Auckland and UniServices are both required to undertake an "A-133 audit" relating to research grants from the US Department of Health and Human Services. Transferring all grants to the University will significantly reduce the costs of audit. Going forward, funding applications, reporting, contracts, and financial management relating to US federal funded awards and sub-awards will be managed by the Research Office, as will other sub-awards from US public good funders including foundations. Queries should be directed to David Saunders <[d.saunders@auckland.ac.nz](mailto:d.saunders@auckland.ac.nz)>.

## The Leverhulme Trust Visiting Professorships

The Leverhulme Trust Visiting Professorships, which close on 16 May, enable distinguished academics based overseas to spend between 3 and 12 months at a UK university, primarily in order to enhance the skills of academic staff or the student body within the host institution. See: [www.leverhulme.ac.uk/funding/VP/VP.cfm](http://www.leverhulme.ac.uk/funding/VP/VP.cfm)

## From the collection



Teaching him at the Elam School of Fine Arts, Colin McCahan noticed that Richard Killeen's compositions seemed assembled from separate parts, like jigsaw puzzle pieces. This one even takes its title from the three significant features in it, and orders them in a descending hierarchy of importance. Richard's subject matter is both realistic and abstract, and his work allows a reading of both modes. Yet if painting in the Realist tradition was once considered a window onto the world, Richard is showing in this work that the opening is now closed. His stylised figure has become a flattened shape pasted over the background, casting little shadow. Is the Realist mode just the alibi for the investigation of figure and field with image and pattern, or does narrative linger on?

Richard's simple colours and representation of the banality of everyday life relate to American Pop Art, but his composition also responds to local traditions of Realism. He retrieves Regionalism from the Canterbury hinterland and dishes it up in Epsom. The man wears the businessman's burqa: his drab suit jacket, pale shirt with cufflinks and slightly askew dark red neck tie mark him out as a professional. But what is a city slicker like him doing loitering with intent outside a house in broad daylight? Why isn't he at the office where he belongs, instead of being at home, disrupting

gender role stereotyping? His short-back-and-sides Brylcreemed haircut denotes a conservative conformist rather than a rebel. Crossing his arms protectively across his body to mark out the limits of his tolerance, he presents both literally and metaphorically as a square. He will need to keep a grip on himself as the times are a changing, as the 1964 Bob Dylan song warns. Judging by his receding hairline, time is not on his side. He is Man Alone, not in the bush but in the "burbs", and his way of life is under threat.

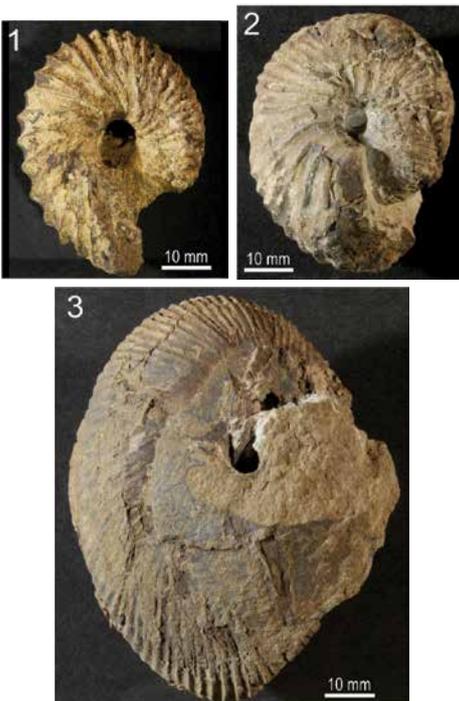
Like him, the window to the man's left is formally attired with tailored appurtenances. Only part of the house's exterior is evident, but it is an index to the whole. From just the detail of the side-hinged casement window, the rest of the Edwardian villa can be assumed. The man's blank expression is paralleled by the way the brown Holland blind at the window is drawn down, excluding prying eyes. Also matching his sobriety is the orthodoxy of the colour scheme of brilliant white weatherboards set off by Brunswick green trim on the windowsill. Everything chimes in: painting houses and painting pictures, framing windows and framing art. Even the scalloped edges of the blind and awning match the rhythm of the hairline framing the man's heart-shaped face.

It seems that there is nothing exceptional about either man or house, except the relationship between the two. Ironic in the context of these buttoned-down appearances are the carnival Tip Top colours gaily striped across the awning which shades the window. They are like a mnemonic for playtime in a childhood long forgotten by the man, imprisoned in his garb and adult responsibilities. Put a man, a window and an awning together in a picture and you've got trouble, it seems, an image which is a sign for the times.

Linda Tyler

Richard Killeen (b.1946)  
*Man, window and awning*, 1969  
Oil on board

## From the cultural collection



1. *Xenocephalites grantmackiei*, male; 2. *Araucanites spellmani*, male; 3. *Araucanites spellmani*, female. Figure by Louise Cotterall, School of Environment.

Before I became a collections manager, I extracted a number of Middle Jurassic (176-164 million years old) ammonite fossils from the Port Waikato, Kawhia and Awakino areas.

These specimens were deposited in what is now the School of Environment's Paleontology Collection. It took the serendipitous visit in 1989 of Jurassic ammonite expert Professor Gerd Westermann, of McMaster University, to reveal their true identity and importance. He was astounded when I showed him the fossils, because it turned out my finds belonged to a group of ammonites which were only known from the western Americas. A single specimen of this group had been found in New Guinea, but was assumed to have drifted there after death. From the large number of specimens in our collection it was clear that the range of the Eurycephalitine ammonites extended to the western side of the vast proto-Pacific Ocean. Nine species of this group are now known from Middle Jurassic rocks of northern New Zealand. Many are endemic species and all belong to genera originally established for North or South American species, showing the close evolutionary relationship of

these now widely separated Middle Jurassic ammonite faunas. These ammonites also are intriguing because males and females are very different, and, because their South American relatives are much more reliably dated, have helped calibrate the New Zealand time scale.

The New Zealand Eurycephalitinae are but one example of how rare ammonite fossils held in the School of Environment's Paleontology Collection contribute to the understanding of this extinct super diverse cosmopolitan group of cephalopod molluscs. Archiving fossils such as these for future scientists to study in new and innovative ways are why these collections are so important, they are a "Noah's Arc" of past life on our planet and at the same time part of our cultural heritage, part of the history of Science.

What are ammonites?  
Go to <http://en.wikipedia.org/wiki/Ammonoidea>  
[www.env.auckland.ac.nz/uoa/home/for/current-students/fu-facilities-and-resources\\_2/geological-collections\\_2](http://www.env.auckland.ac.nz/uoa/home/for/current-students/fu-facilities-and-resources_2/geological-collections_2)

Neville Hudson, Manager, Geological Collections, School of Environment

# What's on

## THURSDAY 2 MAY

**Jazz series: Andre Vida workshop**  
4pm, Room 306, Kenneth Myers Centre, 74 Shortland St.

Queries to [concerts@auckland.ac.nz](mailto:concerts@auckland.ac.nz)  
**Department of History seminar**  
Peter Lineham, Associate Professor of History, Massey University: *Locating Destiny Church in its historical context*. 4-5pm, Rm 59, 7 Wynyard St.

Queries to [l.bryder@auckland.ac.nz](mailto:l.bryder@auckland.ac.nz)  
**Film, Television and Media Studies seminar**

Annie Goldson: *Trauma and translation*. 4.15pm, Pat Hanan Rm 501, Arts 2.

**2013 Gibbons Lecture series**  
Picture this! Computer graphics in NZ. Prof Geoff Wyvill, Dept of Computer Science, University of Otago: *A better paintbrush?* 6.30-7.30pm, Rm OGGB3, Owen G Glenn Bldg, 12 Grafton Rd. The lectures in this series will be streamed live.

## FRIDAY 3 MAY

**School of Music lunchtime concert**  
Composition and guitar students. 1.05-1.55pm, Music Theatre, School of Music, 6 Symonds St.

A series of lunchtime concerts showcasing School of Music students in both individual and ensemble settings. Queries to [concerts@auckland.ac.nz](mailto:concerts@auckland.ac.nz)

### Music of the Moment

School of Music students will present a selection of new works from the classical performance, composition, jazz and popular music departments. 7.30pm, Music Theatre, 6 Symonds St. Free. Proudly presented by the School of Music Students Association. Queries to [concerts@auckland.ac.nz](mailto:concerts@auckland.ac.nz)

## SATURDAY 4 MAY

**2013 Human Rights Conference**  
9.45am-5pm, Bldg 801, Law School, 9-17 Eden Crescent. Presented by Amnesty International NZ and The University of Auckland Human Rights Centre.

Any questions or queries please email [humanrightsconference@amnesty.org.nz](mailto:humanrightsconference@amnesty.org.nz)

## SUNDAY 5 MAY

**Stride for Success**  
8.30am, Alumni Marquee, OGH lawn. Pull on your trainers and compete in the University running race. The course is a 2km circuit around the University grounds and Albert Park.

## MONDAY 6 MAY

**Graduation ceremony**  
ASB Theatre, Aotea Centre.  
Ceremony 1: 10.30am - Science  
Ceremony 2: 1.30pm - Science  
Ceremony 3: 4.30pm - Engineering  
**Communiqué 2013**  
Teddy Cruz. 6.30-7.30pm, Engineering Lecture Theatre 439, Building 401, 20 Symonds St.

Queries to [events-archplan@auckland.ac.nz](mailto:events-archplan@auckland.ac.nz)

## TUESDAY 7 MAY

**Bioengineering research seminar**  
Dr Kim Mellor, Rutherford Foundation Research Fellow, ABL: *Cardiac insulin resistance: Functional adaptations and autophagic demise*. 4-5pm, Ground Floor Seminar Rm G010, UniServices House, 70 Symonds St.

**DALSL/School of Asian Studies joint seminar**

4-6pm, Pat Hanan Rm 501, Arts 2.  
1) Dr Karen Huang: *A study of rhythm and tone in Taiwan Mandarin*.  
2) Dr Jun Nakamura: *Cognitive semantics of the qualitative suffix in the Japanese spatial demonstratives koko, soko, and asoko*.

## WEDNESDAY 8 MAY

**Graduation ceremony**  
ASB Theatre, Aotea Centre.  
Ceremony 4: 10.30am - Medical and Health Sciences  
Ceremony 5: 1.30pm - Creative Arts and Industries/Law  
Ceremony 6: 4.30pm - Business/Economics  
Ceremony 7: 7.30pm - Business/Economics

**Immigration information for Graduate Job Search visa and Permanent Residency**  
12noon-3pm, International Office, Rm G23, Old Choral Hall, 7 Symonds St.

Carl Andrews and Paul Miller from Immigration NZ will be available to provide information and advice. For registration email [ispace@auckland.ac.nz](mailto:ispace@auckland.ac.nz)

**Communiqué 2013**  
Bijoy Jain: *Studio Mumbai*. 6.30-7.30pm, Engineering Lecture Theatre 439, Building 401, 20 Symonds St. Queries to [events-archplan@auckland.ac.nz](mailto:events-archplan@auckland.ac.nz)

## THURSDAY 9 MAY

**Centre for Biodiversity and Biosecurity seminar**  
James Millington, King's College London: *Trade-offs and synergies in long-term forest ecosystem management: Timber, birds and deer in northern Michigan, USA*. 3.30pm, Rm 201, Bldg 733, Tamaki Campus.

**Film, Television and Media Studies seminar**  
Susan Potter: *Valentino's lesbianism: Stardom, sexuality and spectatorship in 1920s Hollywood cinema*. time tba, Pat Hanan Rm 501, Arts 2.

**2013 Gibbons Lecture series**  
Picture this! Computer graphics in NZ. John Lewis, Victoria University of Wellington and Weta Digital Research: *Why academic research matters in visual effects*. 6.30-7.30pm, Rm OGGB3, Owen G Glenn Bldg, 12 Grafton Rd. The lectures in this series will be streamed live.

**Graduation Gala Concerto Competition 2013**  
7.30pm, Auckland Town Hall, Queen St. Starring Linda Filimoeihala, Liam Wooding, Shauno Isomura and The University of Auckland Symphony Orchestra conducted by Uwe Grodd. Free admission. All welcome. Queries to [concerts@auckland.ac.nz](mailto:concerts@auckland.ac.nz)  
Visit [www.auckland.ac.nz/gradgala](http://www.auckland.ac.nz/gradgala)

## FRIDAY 10 MAY

**Graduation ceremony**  
ASB Theatre, Aotea Centre.  
Ceremony 8: 10.30am - Arts  
Ceremony 9: 1.30pm - Arts/Education  
Ceremony 10: 4.30pm - Education  
**School of Music lunchtime concert**  
Chamber music ensembles. 1.05-1.55pm, Music Theatre, School of Music, 6 Symonds St.

A series of lunchtime concerts showcasing School of Music students in both individual and ensemble settings. Queries to [concerts@auckland.ac.nz](mailto:concerts@auckland.ac.nz)

## TUESDAY 14 MAY

**Communiqué 2013**  
Mark Davey. 12noon-1pm, Chartwell Gallery, Auckland Art Gallery.  
Mark Davey is a PhD candidate in the School of Architecture and Planning at The University of Auckland. Mark's lecture will discuss the case of the new Auckland super city and its development. Queries to [events-archplan@auckland.ac.nz](mailto:events-archplan@auckland.ac.nz)

**Film, Television and Media Studies/School of Asian Studies seminar**  
Paul Clark: *Glamour and Chinese film: Thirty years of love on Lushan*. 4-6pm, Pat Hanan Rm 501, Arts 2.

## WEDNESDAY 15 MAY

**Fermata seminar**  
Tecwyn Evans: *From All Saints Church, Dunedin to the Musikverein, Wien - the journey of a NZ conductor*. 5.30pm, Music Theatre, School of Music, 6 Symonds St.

# Classifieds

## ACCOMMODATION AVAILABLE

**Albany.** Country living at its best close to the city! Lovely fully furnished family home on lifestyle block. Available from 1 August 2013 to 5 January 2014. Three bdrms, one bthrm, foodies kitchen and great inside and outside entertaining areas. Large flower and vegetable gardens and play areas for children. All mod cons, sunny and comfortable spacious living. 7 minutes to motorway. \$700 pw. For photos please view [www.sabbaticalhomes.com](http://www.sabbaticalhomes.com) Listing 47086. Email [m.hoogerland@auckland.ac.nz](mailto:m.hoogerland@auckland.ac.nz)  
**Apartments for rent.** Call us for your rental requirements; we offer city apartments furnished/unfurnished, all sizes and prices; great rental deals for long-term leases; call David Feng

(09) 303 0601 or (021) 246 6710 at City Sales or [rentals@citysales.co.nz](mailto:rentals@citysales.co.nz) or log on to [www.citysales.co.nz/rentals](http://www.citysales.co.nz/rentals)  
**Cheltenham Beach, Devonport.** Three bdrm furnished home for rent right by Cheltenham Beach, furnished, available short-term or long-term, traditional villa style, secluded garden, garage. \$640 pw. Contact Alis on (021) 02592818 or [atho031@ec.auckland.ac.nz](mailto:atho031@ec.auckland.ac.nz)

**Grey Lynn.** Spacious, sunny bdrm with own private bthrm, built in wardrobes and desk, opening out onto a courtyard and back garden - part of architecturally-designed addition at the back of aging villa. Share new kitchen and two living rooms with owner who works and studies at the University. Would suit academic/professional. \$250 pw - includes all expenses, plenty of wifi etc. Phone Tess 923 4149 (wk) 376 2996 (home) or (021) 0251 2451.

**Ponsonby.** Fully-furnished villa, three bdrm, central heating etc, on Link Bus route, 30 minutes walk to University. Available 21 May - 9 Aug. \$325 pw + utilities. Contact 378 6091 or [a.poletti@xtra.co.nz](mailto:a.poletti@xtra.co.nz)

**Professional staff member** seeking a non-smoking, quiet-living grown-up to rent a sunny, furnished master bedroom with French doors/deck in 3-bdrm house in Pt Chevalier (easy walk to buses, supermarket, beaches & amenities). Sharing with a toddler and cat. References requested. Available mid-April. Please email [aowrite@gmail.com](mailto:aowrite@gmail.com)

## HOLIDAY ACCOMMODATION

**South of France:** Between Provence and the Cevennes. Ancient chateau offers B&B. Located in wonderfully varied historic area. Vibrant markets, pretty villages, great walking and canoeing. Reasonable rates. Contact [jmgee1@gmail.com](mailto:jmgee1@gmail.com)

## MISCELLANEOUS

**City Legal Services.** Rainey Collins Wright is a small law firm centrally located at L1 Princes Court, 2 Princes Street. We are near the University, with good parking. We can assist with property transactions, trusts, wills, administration of estates, enduring powers of attorney and relationship property matters. Please phone our senior solicitor Nichola Christie on 379 5828 to discuss your needs, or email [nchristie@rainey.co.nz](mailto:nchristie@rainey.co.nz)  
Visit [www.rainey.co.nz](http://www.rainey.co.nz)

**MedEntry UMAT Prep:** Government accredited and internationally trusted registered training organisation offers quality focused training for UMAT. Aspiring doctors and dentists, year 13 students and first-year health science students, please visit [www.medentry.co.nz](http://www.medentry.co.nz)  
**Travel.** I have 12 years experience in booking all aspects of personal travel for university staff and lecturers. I pride myself in ensuring that your travel plans are sourced at the lowest possible costs and are tailor-made to your requirements. Contact Karen on [Karen.embleton@mondotravel.co.nz](mailto:Karen.embleton@mondotravel.co.nz) or 940 0064 (wk) or (021) 188 7781.



# MATERNAL DRUG USE

## Is it time to develop more effective prevention policies around maternal alcohol tobacco and illegal drug use?

On a global scale the use of alcohol is ranked as the fifth leading risk factor for premature death and disability in the world with tobacco the leading cause for a considerable burden of ill-health and mortality. Furthermore, the use of illegal drugs ranks within the top 20 causes of mortality and disease burden with marijuana the most widely used illegal substance in New Zealand and world-wide. Findings from the WHO World Mental Health Surveys showed that the prevalence of cannabis use in New Zealand was second only to the United States. The use of amphetamine type substances (ATS) such as Ecstasy and methamphetamine or "P" is relatively lower than alcohol, tobacco and marijuana, however, it is the fastest growing illegal drug problem world-wide. The most recent report from the United Nations Office on Drugs and Crime reported that Oceania was the region with the highest prevalence of ATS problem use with Australia and New Zealand having the highest annual estimates of 2.7% and 2.1%, respectively. Methamphetamine or "P" is one of the most potent of the ATS. Repeated use, high doses, the onset of methamphetamine use at an earlier age and being female have all been associated with an increased risk for psychosis and persistent psychiatric symptoms. Illegal drug use has an added cost to society with higher rates of criminal behaviour associated with illegal drug use and higher rates of public health problems such as HIV/AIDS, hepatitis B and C, drug overdose, and suicide.

Traditionally, males have been found to use more alcohol, tobacco and illegal drugs than

females, however, sex-differences are decreasing. The convergence of women's use of alcohol, tobacco and drugs towards that of men has been found for not only quantity and frequency of consumption but also for alcohol and drug-related problems. This convergence is particularly apparent in young women aged 25-29. Of particular concern is the emerging evidence that a number of young New Zealand women in this age group are continuing to use one or more of these drugs during their pregnancy. The use of alcohol, tobacco, marijuana and/or methamphetamine during pregnancy has been shown to be associated with a broad spectrum of mental, physical and behavioural problems in the exposed child. These problems include the direct effects of drug exposure and can include being born preterm, born smaller and, depending on the amount of exposure, the timing and the frequency of exposure, significant mental and developmental delay. Notable is the fact that maternal alcoholism is considered to be one of the leading preventable causes of fetal neurodevelopmental disorders. Children may also be at risk of the indirect effects of parental drug use. Risks to children's health and development from being born into a family where one or more parents is abusing alcohol and drugs include illness and mortality due to second-hand smoke, exposure to domestic violence, and less than optimal parenting due to the symptoms and behaviour associated with addiction and co-morbid mental illness.

There is no doubt that drug and alcohol use and abuse has become a major health problem for women regardless of their socioeconomic status, race, ethnicity or age. This use is costly to

individuals and to society, but it is particularly threatening to the developing child who is passively exposed during pregnancy. The use of alcohol, tobacco, marijuana or "P" is a choice. The continued use of these substances for women who have become dependent is not. Scientific evidence over the past 30 years has shown that addiction is a chronic, relapsing medical and/or mental health problem not "bad behaviour." This evidence must inform our attitudes toward maternal drug use and the design of public health policy. Therefore, we must be committed to finding effective ways to educate young women around the impact of their choices, and ensure our health professionals are trained to educate, identify and treat substance dependence early in women of child bearing age if we are to address the looming impact of alcohol, tobacco and illegal drug use to children in New Zealand and globally.

Dr Trecia Wouldes is a developmental psychologist whose research focus is the health and development of children born to mothers who use drugs. She is the Director of The University of Auckland site of the international Infant, Development And Lifestyle (IDEAL) Study investigating the development of children born to mothers who used methamphetamine ("P") during their pregnancy.