

THE UNIVERSITY OF AUCKLAND news

Fortnightly newsletter for University staff | Volume 39 | Issue 21 | 13 November 2009

Phar Lap mysteries unravelled by Auckland physicist



*Dr Graeme Putt with his book *Phar Lap: The Untold Story* and a scaled-down bronze replica of the life-sized bronze statue of the horse due to be unveiled in Timaru at the end of the month.*

The newspapers of the day dubbed him “The Wonder Horse”. Bred in Timaru, trained and raced in Australia, Phar Lap stole the hearts of race-goers throughout Australasia and America during the Great Depression. Then he died of a mystery illness just 16 days after his record-breaking win at the Agua Caliente Handicap, in Mexico, and the legend of Phar Lap was born.

So much has been written about the giant chestnut gelding since his death in 1932 – but most of it from the Australian perspective. Meanwhile, his early life in New Zealand has remained the stuff of myth and mystery.

Now a groundbreaking new book by physicist Dr Graeme Putt (Department of Physics) and sports journalist Pat McCord, *Phar Lap: The Untold Story*, unravels the truth about his Kiwi origins and sets the record straight on many of the mysteries that have puzzled Phar Lap enthusiasts for decades. Why did he come to a virtual standstill when rounding the home turn during the Agua Caliente Handicap, for example? Graeme has uncovered the answer. Studying the old film footage from the race and applying his knowledge of physics, he determined that lateral forces on Phar Lap’s injured split hoof caused him to falter. “Once he turned the bend and the

lateral force came off his hoof he ‘streeted’ ahead again. It was amazing.”

Getting this book across the finish line proved something of a feat, too. Sadly, not one of the New Zealand publishers Graeme approached wanted another book about Phar Lap. “I think they failed to appreciate the groundbreaking nature of the material we were gathering.” But fortunately boutique Australian publisher, Equus Marketing, did want it.

The book took its authors four years to research and write. “It’s a book for New Zealand,” says Australian-born Graeme. “A couple of generations have missed out on Phar Lap’s story. And it really is a beautiful story – second only to the story of Christmas in my opinion,” he grins.

Since completing the book Graeme has written an essay on the building blocks of nuclear matter which has seen him shortlisted for the Manhire Prize for Creative Science Writing. (Winners will be announced on 18 November.)

Phar Lap: The Untold Story (rrp \$50) will be officially launched in Timaru on 26 November and sold in bookstores. The Phar Lap Charitable Trust will unveil a \$600,000 life-sized bronze sculpture of the champion, crafted by Joanne Gessler-Sullivan, on 27 November.

Key events

Science challenges

The Prime Minister’s Chief Science Adviser, Professor Sir Peter Gluckman, is delivering a public lecture at the University on 26 November. His topic is “The evolution of science: Where is New Zealand going?” He will discuss the role science can play in dealing with the multiple challenges which NZ faces, including relatively low productivity, with particular reference to the academic community. Sir Peter’s lecture, in the Maidment Theatre from noon to 1pm, will be chaired by the Vice-Chancellor.

Elam extravaganza

Grab the opportunity to see the exciting new works by emerging artists and designers at the Elam Graduate Show. This year’s exhibition showcases the final year work of more than 120 graduating students at Elam School of Fine Arts. Join the art collectors, curators, critics and the “art curious” who turn out in droves to view this annual contemporary visual arts extravaganza. On at Whitaker Place and at Building 113, 5 Symonds St, from 21-22 November between 10am and 6pm. Admission free

Studying Theology

Considering studying Theology during 2010? Then meet School of Theology lecturers and students to find out more about the range of study options available. The School is hosting an evening event where prospective Theology students can hear more about the School’s courses, including “The Bible in popular culture”, which examines how religion, media and culture intersect. Join them on 24 November from 6pm onwards in the Federation Room, Old Government House. Tea, coffee, drinks, nibbles and good conversation supplied.

Please RSVP to theologyadmin@auckland.ac.nz or 373 7599, ext 86676, for catering purposes.

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From the Vice-Chancellor

Three years ago, the University began a concerted effort to enhance our environmental performance and make demonstrable progress in the transition to a sustainable society. The first priority was to engage staff and students from across the University in reducing our resource use, wastes and emissions. Progress to date has been very encouraging.

Our award-winning energy savings drive, started in July 2008, has saved around three million kWh of electricity and 450 tonnes of CO₂ and is having a positive effect on long-term trends. Energy use is now 41 percent less per EFTS than it was 30 years ago. Although total consumption has been increasing by six to ten percent per year for most of the last decade (due to growth in the size of the University), it is pleasing to note that, for the first time in nearly ten years, total consumption seems likely to remain similar to, and perhaps even less than, it was last year.

Over 2,000 staff members are now using the desktop "cube" system, which reduces office wastes by between 30 and 40 percent.

Custom-designed recycling bins have also been rolled out across our campuses in high-use open spaces. They are working well to keep non-target wastes out of recycling bins. Contamination, which in initial trials was as high as 60 percent, is now down to acceptable levels of 0-6 percent.

A number of recent initiatives aim to build our sustainability-related teaching and research. We have identified "Auckland: A Sustainable City" as one of our key research themes; we are a UN-HABITAT Partner University; and we have signed the Universitas 21 Statement on Sustainability.

This statement commits us to advance research and teaching towards a sustainable future, to lead by example, to emphasise citizenship and engagement, and to build capacity through collaboration and networking. A cross-faculty steering group will organise a series of independently facilitated workshops to build consensus on the specific actions the University should take to advance excellence in sustainability-related teaching and research. The first of the workshops will be held before the end of the year, and I encourage as many staff as possible to attend so that they can give us clear advice on how best to move forward in this critically important area. For more information contact Dr Lesley Stone, our Sustainability and Environmental Co-ordinator, on lj.stone@auckland.ac.nz



New joint venture for Auckland Bioengineering Institute



From left Professor Peter Hunter, Dr Duane Malcolm, Professor Stuart McCutcheon (VC), Dr Robert Gilmour (eBonz board), Dr Jim Knappe (VQ OrthoCare), Will Charles (UniServices)

An American healthcare equipment company has signed a deal to invest in the Auckland Bioengineering Institute's spin-off company, Ebonz.

ABI's Ebonz team of bioengineers will conduct research for VQ OrthoCare, an American-based healthcare company which specialises in equipment and services for bone, joint and soft-tissue conditions.

VQ OrthoCare markets electrotherapy devices for the treatment of arthritis. These devices work by passing electrical currents through cartilage to help the body's shock-absorbing connective tissue regenerate, explains ABI Director Professor Peter Hunter.

But exactly how electrotherapy can work in the treatment of arthritis remains unclear. VQ OrthoCare is investing in Ebonz so that the Kiwi company can conduct research which will give it a better understanding of the mechanisms of

electrotherapy and how to optimise treatment for individual patients. "At the moment," says Peter, "they can make an instrument, but they don't yet know exactly where to position it or how much current is required to achieve maximum benefits for the individual." Part of the Ebonz's research project will see the Kiwi bioengineering company design software tools to optimise treatment.

"Ebonz already has a number of customers, but our collaboration with VQ OrthoCare opens up a new direction for us," enthuses Peter.

A delegation from VQ OrthoCare visited ABI last month and spent the day poring over the institute's modelling of musculoskeletal mechanics. They were later hosted by the Business School at an informal get-together attended by the Vice-Chancellor, representatives from the Foundation for Research, Science and Technology (FRST), ABI and Ebonz.

Room bookings made simple

Just seven weeks after the launch of the University's new online room bookings tool – **Web Room Bookings** – a whopping 4,500 requests have gone through the system. "It's really taken off," says Joanna Browne, Director of Academic Services and the project owner. "It's been very pleasing for us to see how quickly people have come to grips with it."

Users can not only make booking requests using Web Room Bookings, they can also view the timetables for a room or particular event. "It's a very useful way to find rooms," says Joanna.

Feedback from staff who have used Web Room Bookings to make a request and from administrators who manage room bookings has been generally very positive. Some users experienced technical difficulties when the system first went live, but these issues have since been resolved. Staff feedback has been crucial in assisting the project team to prioritise the development of additional support resources and has helped in the development of action-plans to further enhance the system.

The project team has put together Quick Guides for staff with easy, how-to-use instructions. You'll find them on the Quick Links section of the room bookings landing page or by following the link: http://web.auckland.ac.nz/uoa/for/staff/admin_services/room-bookings/room-bookings.cfm

Keep your feedback coming: email your comments or questions to timetablesupport@auckland.ac.nz



The project team.

Exposure postgraduate research festival grows bigger by the year



*Ai Fujii Nelson (NICA) took first prize in the Live Performance competition for *The Visit: My body as a meeting place for ghosts of memories**

Exposure09's prize-winners were revealed at a glittering gala attended by 200 people and fronted by Māori Television head of programming, Carol Hirschfeld, in the School of Business on 21 October.

The prize-giving gala followed this year's very successful two-week-long Exposure postgraduate exposition. Now in its seventh year, Exposure09 attracted more entries from Arts and NICA (the National Institute of Creative Arts and Industries) than ever before. It gets bigger and bolder by the year thanks, in no small measure, to the generosity of its sponsors, which include Fisher & Paykel Healthcare, The University of Auckland Society, UniServices and Displayways.

Exposure showcases the research activities of the University's postgraduate students and encourages them to develop the necessary communication skills to present their research to industry, peers and the media.

Each entry is judged by an academic, a communications/marketing expert and a layperson, thus ensuring that the winning entries not only appeal to general audiences, but also uphold high academic standards.

Run by the PGSA (Postgraduate Students' Association) with the School of Graduate Studies, this year's exposition ran from 12-21 October. The

competition prizes and top honours were:

The University of Auckland Society Poster Competition: First prize Hasendrini Peiris (FMHS) for placental expression of myostatin and follistatin like-3 protein in a model of developmental programming.

The Fisher & Paykel Healthcare Oral Competition: First prize Rachel Webb (FMHS) for population-based screening for rheumatic heart disease in high-risk New Zealand children.

Multimedia Competition: First prize Braden Harford (Architecture and Planning, NICA) for TOOLGAMEBOX for Tuvalu.

Live Performance Competition: First prize Ai Fujii Nelson (NICA) for *The Visit: My body as a meeting place for ghosts of memories*.

The Contribution to Environmental Sustainability Prize: Emily Voyde (Faculty of Engineering) for green roofs are reducing run-off.

The Contribution to the Advancement of Human Rights Prize: Xiaoyi (Sean) Bian (NICA) for container design studio with AFH.

The Contribution to Social Development Prize: Braden Harford (Architecture and Planning, NICA) for TOOLGAMEBOX for Tuvalu.

The Bright Sparks prizes went to Dasha Nelidova (FMHS) and Karthik Kannappan (Auckland Bioengineering Institute).

New Deputy Director (International Relations)

Dr Matthew O'Meagher has recently been appointed as the new Deputy Director (International Relations). He has returned to Auckland from Santiago, Chile, where he worked in the New Zealand Embassy as education counsellor for Latin America. Before his time in Chile, Matthew was a senior lecturer in History at the University, and the founding Director of the New Zealand Centre for Latin American Studies. In his new role he will foster the University's international partnerships through Universitas 21, APRU (the Association of Pacific Rim Universities) and bilateral relationships.

In brief ...

Postgraduate Conference

The University of Auckland is sponsoring the inaugural New Zealand Postgraduate Conference (NZPGC) to be held on 20-21 November at Victoria University's Pipitea Campus in Wellington.

Postgraduate students will present their work and hear from top postgraduates as well as a host of renowned speakers. They include the Hon Dr Wayne Mapp, Minister of Research, Science and Technology and the Associate Minister of Tertiary Education; Professor Paul Callaghan, founding Director of the MacDiarmid Institute; Professor Peter Hunter, Director of the Auckland Bioengineering Institute; and Mark Weldon, CEO of New Zealand Exchange.

New Zealand has no shortage of talented researchers, but all too often their work remains behind closed doors, hidden from like-minded individuals, employers and other interested parties. NZPGC aims to open up communications across the research spectrum – and showcase New Zealand's brightest students into the bargain.

The two-day event – hosted by Victoria University Wellington Postgraduate Students' Association – features 14 concurrent sessions, including a general and specialist programme, with multimedia presentations, poster sessions and interactive workshops.

Head of Elam joins Philharmonia board

Professor Jonathan Mane-Wheoki, the Head of Elam School of Fine Arts, has been appointed to the Auckland Philharmonia Orchestra Board of Trustees. APO Chair Rosanne Meo said the board was delighted to welcome him.

"Increasingly there is recognition of the critical need for interface and cooperation within the broader arts community, both culturally and across disciplines. Jonathan's personal and career experience will be a great asset."

Jonathan said he regarded his appointment to the Auckland region's only professional symphony orchestra as a "tremendous honour". "With its innovative and ambitious programming, soaring performance standards and high impact on our cultural life, this is an orchestra in which our Super City, our region and our nation can take enormous pride."

Prior to taking up his post at Elam earlier this year, he worked as the director of Art and Collection Services at the Museum of New Zealand Te Papa Tongarewa for five years, having previously served as Dean of Music and Fine Arts at the University of Canterbury.

Legacy to nursing



When Margaret Horsburgh began thinking seriously about retiring, she also began pondering what legacy to leave to her profession.

Nursing had been a part of her life since the 1960s. She started out as a cardiac nurse at Green Lane Hospital; embarked upon her own academic studies at The University of Auckland in the 1970s and 1980s; became nursing tutor and head of school at Auckland Institute of

Technology; and then took up the role of Associate Professor in the School of Nursing here at the University, a position she has held for ten years.

"Nurses are the central players in healthcare," Margaret is quick to point out. From her years on both sides of the profession she understands what the field ultimately needs is for nurses and nursing academics to assume greater leadership roles in major research as well as undertake

more PhDs and form linkages with other units and disciplines.

Her vision for the future of nursing eventually inspired her to make a bequest to the University. Through her gift – which will support nursing scholarships – Margaret will continue to help strengthen the field as an academic discipline.

Margaret's own academic education gave her the background, knowledge and confidence to understand that nursing could be much more than it was when she trained more than 40 years ago. Today's undergraduate and postgraduate nursing students have greater opportunities in terms of where they can take nursing and how they can contribute to healthcare outcomes, she says. By supporting nursing education, she hopes to help students realise these opportunities and foster her vision for the field's future.

In September, the University's Legacy Society held a function to thank Margaret and other bequestors for their generosity in leaving personal legacies to learning.

Margaret intends to stay busy and remain connected with the University through the Society when she retires next month. 2010 will be anything but slow for her as she wraps up her research on patient self-management, supervises PhD students and completes a book on the history of nursing, a subject that until now has had little documentation. Not exactly the reduced workload one would expect of a new retiree!

Top honours for two Korean staff members



Dr Changzoo Song receiving his Prime Minister's Award from the Prime Minister of South Korea, Chung Un-chan

Two Korean members of staff have recently received top honours. Last month, Dr Changzoo Song received a Prime Minister's Award from the Prime Minister of South Korea, Chung Un-chan, for his work in promoting Korean culture through

his educational and academic activities. Meanwhile, Dr Inshil Yoon was awarded first prize for her Korean language textbooks, *Nam Annyeong* (Time for Korean), at the 2009 World Conference of Korean Language Teachers.

Dialogues with Islam

There wasn't an empty seat in the ClockTower lecture theatre for the "Dialogues with Islam" symposium held at the University last month.

More than 80 people crowded in for the one-day symposium to hear expert presentations and exchange ideas on everything from feminism within Muslim societies to Muslim religion.

"The best thing about the symposium was the variety of perspectives and points of view discussed," says one of the presenters, Dr Tim Behrend (Asian Studies).

"I think many people for the first time got a glimpse into the absolute normalcy of people who call themselves Muslims and got a sense of the variety of debate that exists within Muslim societies," says Tim, who gave a presentation in which he argued the symposium would have been better named "Dialogues with Muslims".

The day was jointly organised by the head of the University's Islamic Studies Research Unit, Zain Ali, and the Centre for Continuing Education's programme manager, Jo Davies. The feedback from attendees "was overwhelmingly positive" says Jo. People said it helped dispel some myths and extended their personal perspectives about Islam.

Among the experts who presented were Ghazala Anwar, an academic who has lectured at universities in the United States and Canterbury University, Zain Ali (Philosophy), Mohsen al Attar (Law) and law student Shahlaa al Tiay. Imran Aijaz (Philosophy) skilfully facilitated the presentations and panel discussions.



Bright spark Brad Lovett was using a particularly smelly portable loo when his bright idea struck him. Having designed composting systems before, the 21-year-old BCom student knew there was no reason why he couldn't apply the same principles to designing a composting portable loo.

Now Brad and fellow "loo-ologists" – Law and Commerce student Lucy Luo, 19, and MCom student Angus Blair, 23 – have just won \$30,000-worth of prize money in the 2009 Spark \$100k Challenge.

The trio's company, Green Loos, snaffled Spark's first prize for its environmentally friendly, fully automated composting technology, which turns human waste into organic fertiliser.

The students plan on freshening up the portable loo market with their new composting technology. And they're already diversifying. They have another product in the pipeline – an inexpensive solution for New Zealand's failing septic tank system which, says Brad, "is desperately needed".

The prize money – \$20,000 seed capital and incubation time in business growth centre The ICEHOUSE to the value of \$10,000 – will come in mightily useful.

Not everyone can be a winner, of course. Marine science PhD student Yue (Alice) Gui's bright idea – drying New Zealand mussels for export to Asia – didn't win a prize. But Yue says taking part in Spark changed her thinking. "Because I won the first two rounds, I had the chance to attend the Spark courses in marketing and finance, which were new subjects for me. And I was trained in how to deliver a 55-second pitch – something I thought I would never be good at."

Spark is a student-led initiative in partnership with The University of Auckland Business School and The ICEHOUSE. Runner-up in this year's \$100k challenge was Nova Eco-Tech, for its brainwave for converting existing vehicles to alternative fuels. It took away a prize of \$10,000 seed capital. The judges also awarded three special prizes to: Metabo-link, a team of five Master of Bioscience Enterprise students who entered with an idea for commercialising a natural anti-fungal technology developed by Dr Silas Vilas-Boas that reduces crop spoilage; The Hurtle, a team wanting to creating high-adrenaline rides to shake up the adventure tourism industry; and Points2Change, with a bright idea for benefiting charities through loyalty shopping cards.



The future of books

I've just returned from the Frankfurt Book Fair where more than 30,000 publishers from 100 countries get together to talk books. And we do produce rather a lot of them. From Kazakhstan to Kaikoura, comics to quantum mechanics, publishers show about 400,000 titles at the Fair. To walk the halls at Frankfurt is to witness an inky explosion of creativity.

In the aisles between those piles of paper, much of the talk was about digital books. Driven by Amazon's Kindle (featuring e-ink for a paper-like reading experience, instant wireless availability of new titles and services allowing people to buy and read books on iPhones) e-book sales have tripled in the United States in last 12 months. Around 15 per cent of major new titles are now digital.

In New Zealand, the pace of change is slower. Unlike Amazon and Barnes & Noble in the US, New Zealand retailers haven't jumped aboard e-readers. And New Zealand missed out on Amazon's international roll-out of Kindle – although rumours are Amazon will sign up with Vodafone shortly.

But change will happen. I expect that in three or four years a decent portion, perhaps 20 percent, of our sales at Auckland University Press will be in e-book format.

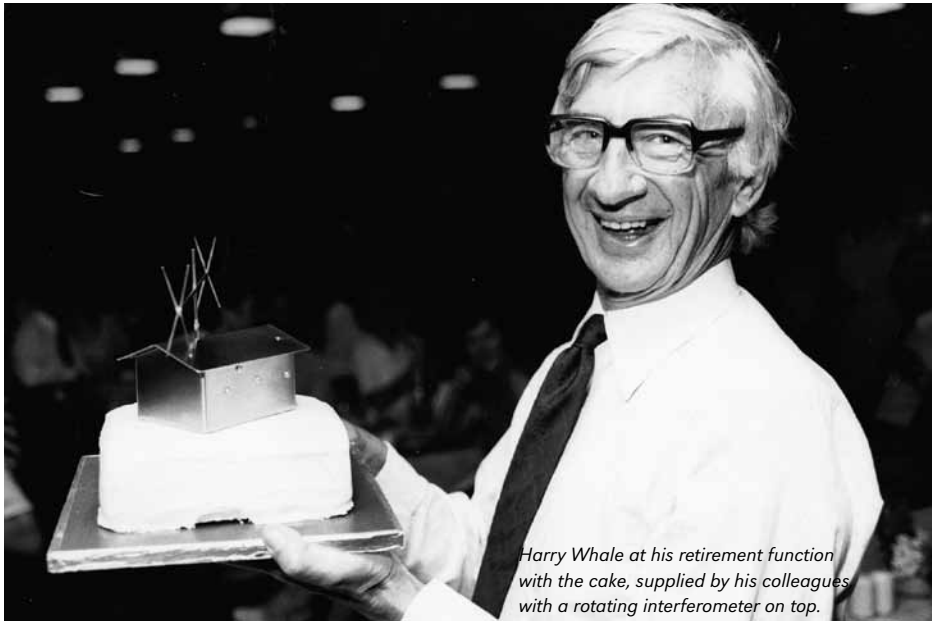
To a New Zealand publisher, that represents a great challenge. Firstly, publishers need to prepare themselves to take advantage of this emerging market. I have worked with the Publishers Association of New Zealand and Copyright Licensing Ltd over the last 12 months to establish the New Zealand Digital Publishing Forum. The Forum has drawn in key international digital innovators to educate local publishers and is now putting together 1000 Great New Zealand E-Books to bring to New Zealand readers.

Secondly, publishers need to focus on their core business. Despite all those piles of books at Frankfurt, the heart of publishing isn't actually ink or paper. The value publishers bring is our ability to discover great ideas and exciting minds; to work with our authors to turn those ideas into engaging books; and to make sure the world sits up and takes notice when we publish them. Talking with international publishers about Auckland University Press books – from Leonard Bell's spectacular book on Marti Friedlander to our new business book *Changing Gears* – it's the excitement around great ideas and bringing them to the world that continues to make publishing a fun business.

Sam Elworthy is director of Auckland University Press.

From left: Angus Blair, Brad Lovett, Lucy Luo and Professor Greg Whittred (Business School).

Professor Emeritus Henry Arthur (Harry) Whale



Harry Whale at his retirement function with the cake, supplied by his colleagues with a rotating interferometer on top.

Harry Whale had a classical education at Auckland Grammar before studying Science at The University of Auckland.

He was an excellent student who won two scholarships to Trinity College, Cambridge where he went with his wife and four-year-old daughter and completed a PhD. After a few years in England, which was still suffering severe rationing after World War Two, he returned to New Zealand in 1950 to a Research Chair in the Department of Physics as Director of the Radio Research Centre, a position created especially for him by the then Vice-Chancellor Kenneth Maidment.

He continued in this position until the early 1980s when a “reshuffle” within the University system saw the RRC annexed to Electrical Engineering. This was a marriage of convenience where the teaching staff of Electrical Engineering would have a strong research activity added to improve the balance in that department. In the event, however, it did not work out as planned and the RRC went into a decline from which it never recovered, though some aspects of the work continued in the Department of Physics.

As noted above, Harry was an outstanding student, strong theoretically and extremely resourceful. By way of example, his scholarships to Cambridge did not include family so Harry made two radio-gramophones and sold them to get fares for his wife Natalie and daughter Margaret.

His lifetime work at the RRC was seen as being critically important for New Zealand as, in the days before satellites, long-distance radio was key to keeping New Zealand in communication with the rest of the world – and there was a problem in that there are no pathways between the UK and New Zealand that do not include a polar region where radio propagation is impractical. Any path is already complex, with multiple hops between the ionosphere and the ground, but this added problem makes theoretical analysis intractable. So the RRC was based on research into propagation models, including ground reflections and the ionosphere and ionospheric reflections, and measurements from these.

The RRC used three principal field stations at Ardmore, Seagrove, and Awarua (Invercargill). Ardmore and Seagrove had rotating

interferometers, an invention by Harry that allows the arrival patterns of signals to be measured even when the signals are so weak as to be in the noise floor. In all of this work he taught graduate students from Physics and Electrical Engineering, covering all aspects of the work in a variety of PhD and masters programmes. From personal experience, I know that he was an excellent supervisor.

Under Harry’s leadership the RRC was outstandingly successful, to the extent that Harry was in demand internationally for reasons other than long-distance radio propagation. He was, for example, invited to Goddard Space Centre by Sir William Pickering for work on why rockets passing through the ionosphere create absorbent holes such that all communication is lost and the rocket “disappears” for a few precious seconds.

The mathematics of this phenomenon were complex and computer simulations were still in their infancy, but Harry recognised the mathematics as being that of Airey functions belonging to a pure mathematics study in the 19th century. He was also invited to San Diego, Germany, and other laboratories, for similar reasons.

Harry was unassuming and had an ability to talk with everyone in a wonderfully inclusive way. He always had time for students, family and other scientists and was extremely well read. He was a strong supporter of the arts in all forms – music, drama, painting, dance, film and sculpture – while at the same time he kept up to date with scientific work, for example in climate change, physics and chemistry.

In my opinion, Harry was one of the most capable students and research professors that this University has ever produced. He is survived by his wife, daughter, two grandchildren and three great grandchildren, and some 60 or 70 PhD and masters students that he supervised who all universally regard him with considerable affection.

Professor John Boys
Electrical and Computer Engineering

Books

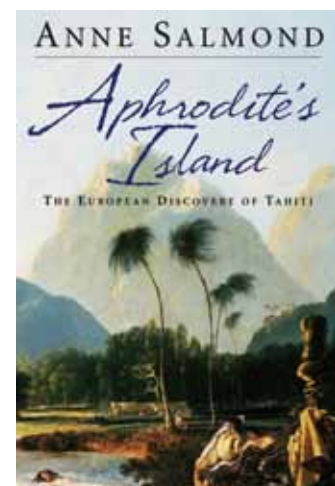
Aphrodite’s Island

Aphrodite’s Island: The European discovery of Tahiti, by Distinguished Professor Dame Anne Salmond (Māori Studies), is a groundbreaking new account of the European discovery of the island idyll which has featured so prominently in Westerners’ imaginings of the South Pacific. Dame Anne’s latest book draws on Tahitian oral histories and European manuscripts, artefacts and artworks to deliver fascinating insights into Tahitian life, which will alter the way we view the Tahitian islands’ history.

Dame Anne discerns the impact of the European effect on the islands and

demonstrates how, during the early contact period, the mythologies of Europe and Tahiti became entwined.

The best-selling author of *The Trial of the Cannibal Dog* – winner of the Montana Medal for non-fiction in 2004 – Dame Anne is one of New Zealand’s most prominent anthropologists. Her previous books include *Hui: A Study of Maori Ceremonial Gatherings*, *Eruera: Teachings of a Maori Elder*, *Amiria: The Life Story of a Māori Woman*, *Two Worlds: First Meetings between Māori and Europeans, 1642–1772*, *Between Worlds: Early Meetings Between Māori and Europeans, 1773–1815*.





Lisa Crowley, Untitled #6 from City of Earth series, 2008.

Lisa Crowley practises a peculiar type of landscape photography, one concerned with place, but place laden with human experience. She chooses politically charged sites with significant histories, yet her images offer little or no discernible evidence of locality, past events or current tension. Instead she invokes the conventions of romantic landscape painting and 19th century scenic photography, directly raising the question of the medium's real ability to document a place and expose its history. A picture of a heap of felled trees can be simply a picture of piled natural debris; its significance can only be materialised by human experience, she suggests.

This work is one of three from her series *City of Earth* 2008 which showed the effects of a commercial *Pinus radiata* harvest near Matauri Bay. With an average of 28 years from planting to cropping, this fast-growing softwood conifer is proof that money can grow on trees. The question of who profits, however, is one the artist is tacitly posing. Historically, the dominant exotic forestry owner in New Zealand was the government, but since the restructuring of the economy in 1984, the majority of the 1.7 million hectares of the New Zealand forest estate is now privately owned. While many find the economics behind the monoculture of the plantations themselves ugly enough, Crowley is compelled by what is left behind when they are

felled, saying "I am interested in these ruined vistas, the way that these sites have been just left as ruins, the waste, the re-growth which turns into something generative."

A fascination with ruins delivers us to Romanticism. Romantic European and American landscape painters were concerned with representing the sublime in nature, an abstract notion perhaps most famously articulated by 18th-century political theorist Edmund Burke, who believed that a life of feeling and spirit depended on recognising harmony within the larger order of the universe. A state of mind conjured by natural beauty, the sublime transcends time and place. Romantic pictures were designed to produce a mixture of awe, respect and moral enlightenment, and to emphasise the power of God as reflected in His greatest creation, the natural world. The paintings are dramatically vast in scope, sometimes including a person dwarfed by the vast space, and are rich in tonalities and colours.

Formally similar to these Romantic works, Lisa Crowley's *City of Earth* landscapes are monochrome photographs, enriched by colour printing to become subtly beautiful dioramas of ruined grandeur. Notions of the sublime are qualified, however, or brought into tension with the recollection of the profit motive which results in the devastation of a modified landscape. Ultimately, the photographer is addressing the way in which the exploitation of natural resources in New Zealand is implicated in the formation of national identity.

Linda Tyler

Books



Changing Gears

How to take your kiwi business from the kitchen table to the board room by David Irving, Darl Kolb, Deborah Shepherd and Christine Woods.

This is an entrepreneur's handbook which covers every aspect of growing your own business – and even has advice on what you should eat for breakfast! Drawing on the authors' own business careers and coaching of owner-managers in the successful ICEHOUSE programme, it comes with the complete tool-kit to take a business from the kitchen table to the boardroom. It's generating quite a bit of excitement, too. "Changing Gears is a fantastic guidebook for Kiwi businesses as they strive to go to the next stage in their journey," says Sir Stephen Tindall, founder of The Warehouse and the Tindall Foundation. "It is great to see such insight coming from a group of talented New Zealanders who have developed a real deep niche and knowledge of the Kiwi business person!"

Professor David Irving retired as chief

executive officer of Heinz-Wattie in 1997. He co-founded the University's ICEHOUSE Business Growth Centre. Darl Kolb is associate professor at the Business School. Deb Shepherd teaches change management, innovation and professional development at the Business School. And Christine Woods teaches entrepreneurship and innovation in the Faculty of Business and Economics.

What's on

FRIDAY 13 NOVEMBER

The traction of drawing - Symposium
Design Theatre, Conference Centre, 22 Symonds Street, Auckland. Until 15 November. Cost \$140, individual sessions \$20, students free.

The traction of drawing will examine the technologies of drawing and how it exteriorises the mind and emotions, makes present the invisible. Visit <http://intersticesjournal.wordpress.com/>

Doctor of Education (EdD) confirmation seminars

9am-5pm Rm U101, Postgraduate Studies, U Block, Faculty of Education, Epsom Campus, Gate 4, 60 Epsom Ave. Candidates in part one of the degree will be presenting their confirmation seminars. Queries to k.shalley@auckland.ac.nz or 623 8870.

Getting your writing out of the door
3-5pm Rm 420, Kate Edger Information Commons. This workshop focuses on risk taking, resilience and peer review. Please enrol through Peoplesoft HR (code GYWOD) or phone CAD reception, ext 88140.

Public lecture

Prof Marco Frasca: *Drawing: The sapience of facture and the neurological paradigm*. 7pm Design Theatre, Conference Centre, 22 Symonds St.

SATURDAY 14 NOVEMBER

Readings and discussions

1pm Gus Fisher Gallery, The Kenneth Myers Centre, 74 Shortland St. With C.K. Stead, whose *Collected Poems, 1951-2006 (AUP)* features a Marti Friedlander portrait on the cover and who features in further portraits in the Marti Friedlander book and exhibition. Queries to gusfishergallery@auckland.ac.nz

MONDAY 16 NOVEMBER

Orientation to doctoral education policy and process at the UoA

9.30-11.30am CAD, Level 5, 76 Symonds St. Mandatory for all academic staff new to the University. Please enrol through Peoplesoft HR (code ORIDOC) or phone CAD reception, ext 88140.

The art of graduate research supervision

1-4.30pm CAD, Level 5, 76 Symonds St. Mandatory for academic staff who have not supervised a doctoral student to completion before. Please enrol through Peoplesoft HR (code THEAOS) or phone CAD reception, ext 88140.

TUESDAY 17 NOVEMBER

Bioengineering research seminar Distinguished Professor Gaven Martin, Director, NZ Institute for Advanced Studies, Massey University: *The governing partial differential equations for nonlinear materials science, conformal geometry and the Hilbert-Smith conjecture*. 4-5pm Fifth Floor Seminar Room, 70 Symonds St.

THURSDAY 19 NOVEMBER

Doctoral morning tea

10-11am iSpace, 4th Floor, Kate Edger Information Commons. Please come and enjoy a free morning tea in iSpace. This is a chance for all doctoral students to mingle, talk

and share common issues. This event takes place every third Thursday of each month and is supported by the PGSA, Graduate Centre, Auckland International and WAVE/AUSA. We look forward to seeing you there.

Stratus forum on science in NZ

Today's basic science inspires tomorrow's new technology: What is the right balance for NZ? 5.30-7pm Lecture Theatre OGGB4, 12 Grafton Rd. With Prof Paul Callaghan, Prof Dick Bellamy, Prof Peter Shepherd, Dr Peter Lee, Prof Jim Metson, and Assoc Prof Jill Cornish. Visit www.stratus.ac.nz

SATURDAY 21 NOVEMBER

ArchPlan Show 2009

10am-6pm Levels 2 and 3, Architecture and Planning Bldg, 26 Symonds St. Until 22 November. The first ever ArchPlan Show will showcase the work of students from the School of Architecture and Planning. In what is sure to become a key annual event in the professional community, this event will also offer members of the general public the opportunity to see work that demonstrates the creativity and talent of our students. Queries to ext 86421.

Elam Graduate Show

10am-6pm Whitaker Place and 5 Symonds St (Bldg 113). This annual contemporary art exhibition (formerly called Elam Open Days) showcases the final-year work of more than 120 graduating students at Elam School of Fine Arts. Until 22 November. Queries to ext 88000.

Wine tasting

1pm Gus Fisher Gallery, Kenneth Myers Centre, 74 Shortland St. Renowned wine writer Joelle Thomson leads a wine tasting to celebrate Marti Friedlander's portrayal of the West Auckland émigré vintners who helped pioneer the NZ wine industry. Queries to gusfishergallery@auckland.ac.nz

TUESDAY 24 NOVEMBER

Association of Tertiary Education Management (ATEM) - Aotearoa Region, network gathering

With guest speakers from the 'Success for all Project', 10am-12.30 pm, MIT. Xmas nibbles. ATEM members free. Non members \$10. To register email Jenni Tupu, j.tupu@auckland.ac.nz

Classifieds

ACCOMMODATION AVAILABLE

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 Chris or Mandy on 09 303 0601 at City Sales or email rentals@citysales.co.nz or log on to www.citysales.co.nz/rentals

Brand-new studio apartment near Point England reserve for long or short term rental.

Five minutes walk to the estuary, 20 minutes to Tamaki Campus, 15 to railway station. Fully furnished incls whiteware, bed and bedding, TV, microwave. Tiled kitchen and bthrm. People coming from overseas welcome. Looking for a couple or single professionals. No pets or smokers please. \$300 pw. Phone (027) 492 8648 or (09) 527 7131.

Bright, quiet, fully furnished and

equipped two-bedroom Central City apartment five mins from Campus. Beautifully renovated, all linen etc, electronic gear, appliances and facilities. Available from 9 December. Ideal for professional couple. \$350 pw. Inquiries to Kay (ext 86283, or 550 9782) or Peter (ext 88889) or email p.wills@auckland.ac.nz

Freeman's Bay. Share warm, sunny house with owner and pets. Great location close to Ponsonby, Grey Lynn, walk or bus to city. Room is furnished and has good views. Suit person with quiet lifestyle. Short term stay of 3-6 months. \$250 pw includes broadband and utilities. Phone (09) 376 0934 or (027) 478 4145 or email carolyn.walker@gen-i.co.nz

Friends and family here for Christmas and not enough space?

Give them a special treat: book them into Scandinavian Light B&B in beautiful Titirangi/Laingholm, let them experience the West Coast and our stunning Waitakere Ranges and Manukau Harbour views. Your hosts: former Scandinavian lecturers Ingvor and Ivo Holmqvist. Inspections welcome! Website www.scandinavianlight.co.nz

Royal Oak/Epsom: Furnished two-bdrm/one-bthrm, two story ex-State available from 12 Dec 2009 to 7 July 2010, includes washer/dryer, TV, DVD, CD, plates, pots and pans, linens. Also comes with two feline flatmates: Louie and Cleo. Backs up to One Tree Hill with direct private access to park from garden. Perfect for a couple or a single person. \$380 pw + all utilities, including water. Deposit required. Please phone Damian at (021) 354 324.

Wanaka. A new three-bdrm townhouse is available for rent in January from the 9th or for longer-term rental. Flat 10-minute walk to township. Five-minute walk to lakefront. For more information phone Beth on (03) 443 1173 or (021) 365 636.

Wanted: House-sitter. Responsible, mature professional couple or individual required to house-sit Auckland Ponsonby villa from 1 to 16 January 2009. Very handy to shops and cafes. No kids, no pets, no smoking. Free in return for providing security and garden watering. References required. Phone (09) 378 8883 or (021) 637 887 or email suereidy@gmail.com

ACCOMMODATION REQUIRED

House-sitter. Mature, immaculate, n/s, University staff member looking to house-sit. Any area, short- or long-term, available January to April/May 2010. Will care for pets. Please contact Yoshiko on (021) 158 2203 or y.kawasaki@auckland.ac.nz

Professional working couple offering services of house-sitting and pet-sitting.

High levels of attention and care given to house, animals, pool and garden alike. From two weeks to 12 months. We are n/s, tidy couple and live a very healthy, sporty lifestyle, great for running or walking dogs. We are experienced in all aspects of house care and understand how precious the security and safety of your home and pets are. Phone Abby on (021) 444 234 or email abbyhaverkamp@gmail.com

Wanted: House-sit or short-term rental from 20 November to the last week in February by professional n/s couple with no pets. Central or Eastern suburbs preferred. Phone (09) 303 5444 (office)

or (09) 575 4933 (home).

Wanted: Short-term rental from around 7 January to mid-May 2010 for visiting University of Virginia law Professor, his wife and four children between 2 and 13 years. Require 3/4 bedroom house near good schools in Auckland Central, Eastern Suburbs or the North Shore. Please email s.shaw@auckland.ac.nz

MISCELLANEOUS

Donor needed for University staffer.

Can you help? We are a loving married couple who have been trying to have a baby for some years, both naturally and with assistance. Our only chance now to have the child we really want is through egg donation. Would you consider making that special gift? If you are a healthy n/s, aged 37 or younger, and have preferably completed your own family, please contact Angela or Toni (in confidence) at Fertility Associates Shore on phone (09) 925 5962 or email them on fas@fertilityassociates.co.nz, quoting Beam of Joy.

Home-based research work required.

Report writing, qualitative research assistant work or transcription. Good deal of experience. PhD qualified in the social sciences. Phone Kathryn on (09) 834 5483 or (021) 137 9801 or email kathryno@extra.co.nz

Kadimah College Scholarships.

Kadimah College, 108 Greys Ave, Auckland is offering a limited number of scholarship places in its intermediate school from 2010. This unique, independent school provides co-ed learning from New Entrants to Year 8. Kadimah offers a newly renovated heritage site together with: high academic standards; small classes; NZ and Cambridge systems; and a values-based education founded on Jewish traditions. For more information, call Adina Halpern on 029 200 7440 or 378 7997.

Mercedes-Benz 190E for sale, 1993, 160,000 kms, perfect service record, \$3,000. Email l.wallace@auckland.ac.nz or phone ext 88411.

Psychoanalysis. A range of problems may lead you to consider therapy, such as depression, anxiety, phobia, and trauma. As a psychoanalyst I work with adults and children. If you wish to discuss your situation and the possibility of therapy for yourself or your child, please contact Dr Lucille Holmes on 021 298 2951 or l.holmes@lacan.org.nz. Student rates are negotiable.

Research Cooperative.

<http://cooperative.ning.com>, an international NPO and network for research students, researchers, science writers, technical communicators, illustrators, editors, proofreaders, translators, and publishers. Contact researchcooperative@gmail.com

The Poetisophical Society is seeking curious misfits to share quotes, poems, prose, images, insights or ideas. Bring your own material or someone else's. Come for epiphany, awe, admiration and silliness. Phone (021) 210 2325.

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@mondtravel.co.nz or 940 0064 (wk) or (021) 188 7781.

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

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