



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

GRADUATE contact



CHINESE CONNECTIONS

First UQ visit to Beijing and Shanghai

From small things
New institute boosts biodiscovery

Exploding landmine carnage
United Nations man on a mission

UQ Supporting our International Alumni



The value of belonging to the UQ International Alumni Network

Being an active member of The University of Queensland (UQ) alumni community is all about reconnecting with friends, making new contacts and developing business networks along with enjoying the prestige that comes with having a qualification from one of the world's leading universities.

UQ greatly values the contributions from, and importance of, our international alumni and therefore provides an array of services, support and networks for our graduates. These include access to library and employment services, regular newsletters and invitations to exclusive events and seminars.

Participating in one of the many established international alumni networks also enables all UQ graduates to connect with 160,000 other alumni throughout the world.

- Reconnect with friends and make new contacts
- Develop business networks
- Enjoy a wide range of excellent services
- Stay up-to-date through regular newsletters
- Participate in exclusive events and seminars
- Refer a friend – the UQ international Alumni Referral Program
- Stay connected with 160,000 UQ graduates

Register as a UQ Alumnus

Email: alumniinternational@uq.edu.au or visit: www.alumni.uq.edu.au

ST LUCIA IPSWICH GATTON



**THE UNIVERSITY
OF QUEENSLAND**
AUSTRALIA

+ FROM THE CHANCELLOR

Welcome to the Summer edition of *Graduate Contact*.

I write after having recently returned from an important and enormously enjoyable visit to Asia for a series of graduation celebrations.

The annual celebrations give the University a chance to pay tribute to our young overseas graduates at gatherings with their families and friends, something not always possible when they conclude their studies.

This year's visit during October was particularly exciting, as it was the first time celebrations had been held in China. I was delighted to be among the proud group of UQ representatives in Beijing and Shanghai.

The University's relations with China continue to grow through an increasing number of graduates and active alumni associations, and through initiatives such as a scientific collaboration finalised during the recent visit.

Of course, we also held celebrations in Singapore, where we were fortunate to again meet many old friends, as well as a host of new graduates and those close to them.

The celebrations and profiles of some of our high-achieving alumni are covered in detail in this edition of *Graduate Contact*.

Also featured in detail is another landmark event for the University, the opening of the Australian Institute for Bioengineering and Nanotechnology at St Lucia by Queensland Premier Peter Beattie on October 23.

The projected outcomes of research projects at the new institute are diverse and in most cases simply amazing to those without a background in science.

However, it does not take any specialist knowledge to see that the addition of the wonderful building and the facilities within it, along with the Institute for Molecular Bioscience, the Sustainable Minerals Institute, and the Queensland Brain Institute opening at St Lucia next year, has positioned our University at the forefront of revolutionary scientific research.



Sir Llew Edwards, AC
Chancellor



CONTENTS

+ FEATURES

04 SCIENCE INCUBATOR

The new Australian Institute for Bioengineering and Nanotechnology building is a significant addition to the University's bioscience precinct.

13 CAPACITY TO BUILD HOPE

Carly Stephan is driven by a passion to enable people in developing countries to help themselves.

16 NEW IDEAS

The 2006 UQ Foundation Research Excellence Awards will help eight early-career researchers advance their projects.

20 HOME IN ASIA

The University's strong relationship with China has been enhanced by inaugural graduate celebrations and a landmark research agreement.

30 TREADING CAREFULLY

The United Nations has asked UQ graduate Maxwell Gaylard to help defuse landmines which kill or injure up to 20,000 people annually.



+ REGULARS

08 STRATEGIC MOVES:

Vice-Chancellor Professor John Hay, AC, says establishing clusters of world-class research institutes is an investment in Australia's future.

10 CUTTING EDGE

14 CAMPUS NEWS

24 GRADUATE NEWS

32 KEEP IN CONTACT

+ COVER

Beijing UQ Alumni president Daisy Wu with fellow Master of Business graduate Hardy He at Tiananmen Square Tower after the University's graduate celebration in China.

GRADUATE CONTACT

is produced by the Office of Marketing and Communications, The University of Queensland, Brisbane, Qld 4072, Australia

Telephone: (07) 3365 3367

Email: b.turner@uq.edu.au

Material in this publication does not necessarily reflect the policies of The University of Queensland

Editorial Board: Chair: Jack Lunn (Former Deputy Chair, Queensland Press Pty Ltd)

Members: John Desmarchelier (Former General Manager, Sugar Terminals Limited)

Professor John Hay, AC (Vice-Chancellor)

Fiona Kennedy (Deputy Director, Office of Marketing and Communications)

Shane Rodgers (Editor-in-Chief, Quest Community Newspapers)

Editor: Brad Turner

Editorial: Elizabeth Kerr, Miguel Holland, Shirley Glaister

Designers: Felicia Chetcuti, Wendy Oakley

Photographers: Chris Stacey, Jeremy Patten

Photographic Librarian: Diana Lilley

Advertising: Tina Hannan (07) 5460 1739

Printing: Alpine Offset

CHANGE OF ADDRESS:

Please telephone: (07) 3346 3907

Facsimile: (07) 3346 3901

Email: j.stein@uq.edu.au

The international code for dialling Australia is +61.

www.uq.edu.au



SCIENCE INCUBATOR

The latest addition to a cluster of UQ research institutes, the \$70 million Australian Institute for Bioengineering and Nanotechnology, has opened at the St Lucia campus.

// By Jan King.

The Australian Institute for Bioengineering and Nanotechnology (AIBN) is Australia's first purpose-built facility for research combining the biological, chemical and physical sciences. It also has a strong focus on working with industry and commercialisation of outcomes.

The opening on October 23 followed two years' construction of the six level facility on College Road.

UQ Vice-Chancellor Professor John Hay, AC, said the AIBN was the latest outcome of a highly-successful partnership between the University, The Atlantic Philanthropies and the Queensland Government.

The building opening by Queensland Premier Peter Beattie was attended by Chuck Feeney, the founder of The Atlantic Philanthropies.

Professor Hay said the AIBN had attracted team leaders, postdoctoral researchers and students from around the world.

"Many of these researchers are part of international collaborations of the highest calibre, with organisations including the Fred Hutchinson Cancer Research Centre in the US, the Chinese Academy of Science, and the European Union," he said.

"The presence at UQ of UniQuest, a national leader in technology commercialisation, will ensure that commercially-viable outcomes of AIBN research are available to industry and the community in an optimal timeframe."

AIBN Director Professor Peter Gray said the new AIBN building represented the latest in lab design. It currently houses more than

250 staff and students, with a capacity of 350, in conditions found in very few places globally.

"Furthermore, the facilities and equipment found within the building are among the most advanced, enabling research at the cutting edge of the bio and nano fields," he said.

Residents of the new building include research groups with interests ranging broadly from genes to nanoparticles. Projects range from technologies to help prevent chemotherapy patients from contracting life-threatening infections; to needle-less therapeutics for the delivery of vaccines (see story page 6); to biological markers for early cancer diagnosis; molecules with detergent properties known as surfactants to improve recovery of crude oil from oilfields; and bioplastics from sugarcane.

The building houses state-of-the-art microfabrication facilities (the collective term for the technologies used to fabricate components on a micrometer-sized scale), a good manufacturing practice bioprocessing facility and world-class microscopy facilities coupled with advanced data storage and visualisation packages.

Premier Peter Beattie said experts from the Queensland Government and the University had identified at an early stage the enormous potential of marrying bioengineering with nanotechnology, and had been strongly supported by Mr Feeney.

"We couldn't have done it without Chuck Feeney who, like us, had a vision and could see what he wanted to do. It was a little bit like the planets aligning," Mr Beattie said.

He said his government had contributed

\$20 million towards the Institute's \$70 million building, the first project from the Smart State Research Facility Fund to be completed.

"Our investment in infrastructure and programs at the AIBN will help Queensland maintain its edge as a powerhouse of the knowledge economy and in creating a critical mass of researchers," Mr Beattie said.

It joins a growing number of Smart State initiatives at UQ to be supported by the government, including the Queensland Brain Institute (QBI), Institute for Molecular Bioscience (IMB), the Sustainable Minerals Institute (SMI), the Queensland Nuclear Magnetic Resonance Network, and the UQ Centre for Clinical Research.

Professor Hay said the facility's completion reasserted that UQ was building Australia's finest cluster of new science research institutes.

"Having opened in recent years the \$105 million Queensland Bioscience Precinct housing the IMB, and the \$24 million Sir James Foots Building housing the SMI, UQ will next year commission the new \$64 million home of the QBI," he said.

In coming years, a \$60 million UQ Centre for Clinical Research and a \$300 million translational medical research facility will also become Brisbane research landmarks.

Professor Hay said their addition would mean that, by the end of this decade, more than 1500 scientists would be conducting bio-related research in new UQ facilities.

"Their output will reward the faith that our funding partners, collaborators, and the national and international communities, place in excellent research," he said. //

"OUR INVESTMENT IN INFRASTRUCTURE
AND PROGRAMS AT THE AIBN WILL HELP
QUEENSLAND MAINTAIN ITS EDGE AS
A POWERHOUSE OF THE KNOWLEDGE
ECONOMY AND IN CREATING A CRITICAL
MASS OF RESEARCHERS."



UQ Vice-Chancellor Professor John Hay (left) Queensland Premier Peter Beattie
and AIBN Director Professor Peter Gray (right) at the building's opening.





Professor Kendall

SHARP ALTERNATIVE

You could say Professor Mark Kendall's research really gets under your skin.

Scientists now know that the most efficient way to deliver many vaccines and other therapeutics to the human body is via immunologically-sensitive cells within a thin layer of skin called the epidermis just below the surface and as wide as a human hair.

But the dominant current drug delivery method – the needle and syringe, first invented in 1853 – is unable to target the area. So researchers such as Professor Kendall are developing precise technologies such as "nanopatches" to do the job instead.

The patches are designed to deliver DNA antigens to stimulate the body's immune response rather than deliberately infecting a person with a small amount of virus – the basis of most current vaccines. The result is improved, safer and pain-free vaccines.

The techniques being developed by Professor Kendall will enable rapid and effective mass vaccinations with only one-thousandth of the vaccine per patient. This is great news for the eradication of disease in the developing world and for treating sudden outbreaks such as avian flu.

The techniques will also consign needle-phobia and needle-stick injuries – two downsides of the needle syringe – to history.

Needle-phobia can prevent people seeking medical attention, while needle-stick injuries cause avoidable sickness and death to thousands of health workers each year.

"The World Health Organisation estimates that of the billion or so vaccination injections delivered in Africa each year, a staggering 30 percent are unsafe, in other words there is a high risk of needle-stick injury," Professor Kendall said.

A joint appointment with UQ's AIBN, Centre for Immunology and Cancer Research (CICR) and Faculty of Health Sciences, Professor Kendall recently returned to UQ after eight years at the University of Oxford.

His work dovetails with efforts by other UQ researchers such as 2006 Australian of the Year and CICR Director Professor Ian Frazer to develop new vaccines.

In fact, Professor Frazer was one of the reasons Professor Kendall returned to UQ from the University of Oxford, where he was initially postdoctoral research fellow and then concurrently Associate Director of the PowderJect Centre for Gene and Drug Delivery, a University Research Lecturer and Lecturer at Magdalen College.

"There are tremendous opportunities at the AIBN and a vibrant environment for interdisciplinary work with biologists and clinicians such as Professor Frazer and his colleagues," Professor Kendall said.

Professor Kendall is no stranger to commercial success – he helped develop a bioballistic gene gun and is an inventor of six patent families on the technology. The gun is a hand-held rocket nozzle delivering millions of DNA-coated gold micro-particles to the skin at speeds of up to 2000 km/hour.

Professor Kendall admitted returning to Brisbane and UQ where he completed an Honours (Class I) degree in Mechanical Engineering and a PhD in hypervelocity aerodynamics (supervised by Professor Richard Morgan) had been a big decision for him and wife Faith, an occupational therapist.

Professor Kendall's work will not be slowed by a lack of funds. Since his return in March, he has been awarded a three-year Queensland Government Smart State Senior Fellowship and \$240,000 in cash and kind by biotech firm Coridon as industry sponsor. //

ENGINEERING A NEW KNEE

Researchers at UQ's AIBN are developing an artificial meniscus to replace damaged knee cartilage.

The meniscus is the knee's shock absorber. It is a cartilage spacer found between the thigh and shin bones, preventing friction and absorbing approximately a third of the impact load that the joint cartilage surface experiences.

AIBN's Associate Professor Justin Cooper-White heads the project, which is supported by UQ's Faculty of Health Sciences and the Mater Medical Research Institute, and also capitalises on the cell biology expertise of AIBN's Professor Julie Campbell.

The project aims to develop a tissue-engineered meniscus using tailored three-dimensional scaffolds and mesenchymal stem cells (precursors of the meniscus).



Dr Justin Cooper-White (right) explains his knee cartilage research to Queensland Premier Peter Beattie (left) and AIBN Director Professor Peter Gray.



Ferryman Barry Calder ready for an afternoon crossing, and (below) the *Vicky Lynn*.

"WE TOOK OVER THE SERVICE WITH A SUBSIDY FROM THE COUNCIL BUT IN THE DAYS SINCE, IT HAS MORE THAN PAID FOR ITSELF."

Final crossing for ferryman

A ferry service that started as a prank will soon make its final journey across the Brisbane River between UQ and Dutton Park.

// By Shirley Glaister.

The Dutton Park Ferry Service may have begun life as a result of a student prank but it has more than proved its worth after nearly 40 years' service.

Brisbane Ferry Service owner, Robert (Bob) Kent, 83, said while he was sad the service would be discontinued with the opening of the Eleanor Schonell Bridge in December, it was "inevitable".

"Bridges will always be better than ferries as they can transport more people," Mr Kent said.

Mr Kent, his brother Kevin, late brother-in-law, Dick Hoggett, and friend Vince Downey, were co-owners of the company when approached by Lord Mayor Clem Jones to establish a ferry service between the University and Dutton Park.

UQ's Student Union had convinced the Lord Mayor of the need for the service through a 4000-signature petition but six months after the service began in March 1967, numbers of passengers were well short of expectations.

"It turns out the petition had been gathered largely at the Regatta Hotel as a bit of a prank," Mr Kent said.

"We took over the service with a subsidy from the Council but in the days since, it has more than paid for itself.

"The passage of time has proven that the students got it right and Clem Jones was right to get us to build ferry vessel *Pamela Sue* (named after Mr Downey's daughter) – our first boat for the Dutton Park crossing."

The service grew from a fare of five

cents, limited running hours and 300 passengers a day in 1967 to two boats, a fare of \$1.40, four captains on staff, 1900 passengers per day and crossings from 6.30am until 9.55pm, five days a week.

There have been three boats over the years with a lowlight being the washing away of landings and the destruction of ferries during the 1974 Brisbane Flood.

Mr Kent said he and his partners persevered with the Dutton Park ferry in the early years despite disappointing passenger numbers largely because their own children were studying at UQ.

"Our eldest daughter Susan was studying physiotherapy at UQ and my wife Del didn't want her using Coronation Drive," Mr Kent recalled.

Both his family and company have had

a long and very positive association with UQ – Susan (one of the couple's three children) is a graduate as well as five of their 11 grandchildren. He said the company had worked closely with UQ to make travel safe and convenient for staff and students.

"We split the cost of running an after-dark bus to take students from the Dutton Park ferry terminal to the Dutton Park and Park Road rail stations and introduced extended ferry hours on Saturdays during University exams," Mr Kent said.

Historian Percy Hanlon said Bob Kent and his partners had shown considerable foresight in their running of Brisbane ferries, in conjunction with the Brisbane City Council, for many years.

"Bob himself was Brisbane's longest-serving ferry master (60 years) and was proved correct in sticking with the Dutton Park crossing. It was Brisbane's only wholly privately run ferry service," Mr Hanlon said.

UQ staff member Andrea Prescott, who has used the ferry service daily for the past six years, praised captains such as afternoon driver, Barry Calder.

"Barry is polite and accommodating and always has a smile for all his passengers at the end of our day. It is also great to see him in his captain's outfit which gives a truly professional touch," she said.

With the last crossing approaching, the two river ferries are now for sale, the *Loyalty* for \$45,000 and the *Vicky Lynn* for \$40,000. For more information, contact Mrs Kent on (07) 3398 3781. //





BUILDING BASE FOR BIOSCIENCE BOOM

// By Vice-Chancellor Professor John Hay, AC

The University of Queensland's \$70 million Australian Institute for Bioengineering and Nanotechnology (AIBN) is the latest in a series of world-class infrastructure to be completed with the support of The Atlantic Philanthropies and the Queensland Government's *Smart State* funding.

The commissioning of the AIBN at the St Lucia campus in October is featured in detail in this edition of *Graduate Contact*, as befits the importance of the Australian-first institute. The AIBN uniquely combines researchers from the biological, chemical and physical sciences, who conduct basic and applied research within a strong culture of commercialisation including problem-solving for industry.

The completion of the institute highlights that UQ has Australia's best on-site university bioscience precinct. The \$105 million Queensland Bioscience Precinct – home to the Institute for Molecular Bioscience (IMB) – opened in 2003. The St Lucia "circle" will be complete when the \$64 million Queensland Brain Institute (QBI) building opens in 2007.

Other formidable developments in medical science research infrastructure are occurring within a radius of a few kilometres at major UQ teaching and research hospitals. At the Royal Brisbane and Women's Hospital, construction is under way on the \$60 million UQ Centre for Clinical Research, which will address national needs by significantly enhancing Australia's

"OTHER FORMIDABLE DEVELOPMENTS IN MEDICAL SCIENCE RESEARCH INFRASTRUCTURE ARE OCCURRING WITHIN A RADIUS OF A FEW KILOMETRES, AT MAJOR UQ TEACHING AND RESEARCH HOSPITALS"

clinical research capacity. This centre is partly funded by The Atlantic Philanthropies and the Queensland Government, both of which also partnered UQ in projects including the AIBN, the IMB and the QBI.

At the Princess Alexandra Hospital, the University and the Director of our Centre for Immunology and Cancer Research, Professor Ian Frazer (the 2006 Australian of the Year), initiated a proposal for a \$300 million translational medical research facility. It will have a capacity shared by only a handful of institutions worldwide to take laboratory discoveries through the rigorous processes leading to advanced clinical trials.

The University has a \$100 million pledge from the Queensland Government towards the facility (called the Smart Therapies

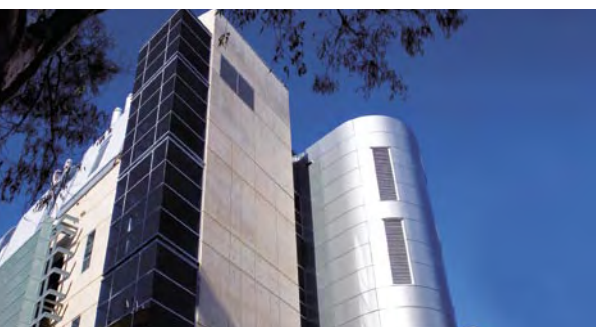
Institute by the Government). In line with UQ's proven formula for funding large-scale infrastructure, we will raise additional investments from sources such as the Australian Government and philanthropists.

Given the continuing decline of per-capita Australian Government funding for university education and research, attracting funds from elsewhere will be a prerequisite for the survival of high-performance institutions such as ours. Concurrently, universities building world-class research infrastructure will benefit the entire nation, because without this, Australia will lose its brightest people and squander the economic bonanza of the resources boom.

As UQ's success in attracting expertise from overseas reaffirms, fine facilities will draw top-quality people. Together, the AIBN, the IMB, the QBI, the UQ Centre for Clinical Research and the new translational medical research facility will house more than 1500 researchers, all of whom will be ultimately committed to improving human health and well-being. This research community will have been achieved within the first decade of the new century.

Similar convergences of talent from throughout the world are occurring across the disciplines. UQ has more international PhD candidates than any other Australian university, and is the destination of choice for many distinguished postdoctoral academics. In 2006, we collected six new Federation Fellowships, almost one-quarter of all those awarded nationally, to bring to 18 the total of our Fellows since the program began in 2002. Some academics have come from prestigious overseas postings to pursue Federation Fellowships at UQ.

The presence of such people enhances national and international respect for our University, and for all who are associated with UQ through study or employment. //



The AIBN building (left) and an artist's impression of the Centre for Clinical Research (right).

Knowing a good *Australian Story*

Bachelor of Arts graduate Kirstin Murray is relishing her time with an award-winning ABC documentary series.

// By Miguel Holland

Kirstin Murray loves telling stories. From the ABC's Brisbane studios, Ms Murray works as an Associate Producer on *Australian Story*, the ABC's award-winning documentary series.

Most of her work involves pitching and fishing for potential stories, extensive research, shooting re-enactments and producing.

She said her goal for each story was to capture highs and lows and love and loss, just like a good film script.

"I love the format, I love the style, I love the reporterless pieces and the insight that you get into people," Ms Murray said.

"There's not many opportunities to work on documentaries in Australia and this is the closest I've found."

She produced an *Australian Story* piece about gay former rugby league player turned actor Ian Roberts. She also produced a piece about the late tennis great Ken Fletcher and American billionaire philanthropist Chuck Feeney.

Mr Feeney's organisation The Atlantic Philanthropies has donated hundreds of millions of dollars to a variety of worthy projects in Australia, including a number of UQ research centres and buildings.

Ms Murray's toughest assignment was the disappearance of Sunshine Coast teenager Daniel Morcombe in 2004.

"We began that story only three months after he had disappeared so it was extremely raw," Ms Murray said.

"We walked into the Morcombe's house where they [Daniel's parents] had that hollow look in their eyes. His room was as it was when he left. Police officers were taking away now precious things such as his school books so they could obtain DNA samples.

"You really had to question your morals of being there, taking up their time and asking horrible and tough questions when that wasn't their priority."

Ms Murray said she was most proud of the episode on Daniel because it was the most-watched *Australian Story* and resulted in thousands of calls to Crimestoppers.

"People put a lot of trust in your hands. On many stories we ask people to go back to a place and a time that they have tried to forget," she said.

At UQ, Ms Murray studied a Bachelor of Arts majoring in communication and media studies, specialising in film theory.

"It was fantastic. Once a week we'd go to the Schonell and watch film and then spend a couple of hours talking about it," she said.

Journalism wasn't one of Ms Murray's majors.

Her first break in journalism came via work experience on Australia's premier rural TV program *Landline*.

One of the first rural stories for the vegetarian city girl was a 12-minute piece on chick peas.

"There's heaps of different ways to get into journalism. If I had studied journalism I would have gone into the newsroom not straight into long format reporting," she said.

After more than two years with *Landline*, Ms Murray then worked for ABC's state news program *Stateline* and general news for a year.

In 2004, she won the Andrew Olle Scholarship. This allowed her to work on different ABC programs around the country such as *Lateline*, the *7.30 Report* and a stint as ABC's Japan correspondent. //

"I LOVE THE FORMAT,
LOVE THE STYLE, LOVE
THE REPORTERLESS PIECES
AND THE INSIGHT THAT
YOU GET INTO PEOPLE"





SPEEDY SOLUTION

Biomedical and computational scientists at UQ have combined to create a powerful new tool that will greatly increase the amount of data bioscientists can expect to process in a week.

Sophisticated software that slashes the processing time required to select high-resolution images is poised to boost biomedical research around the world.

Screening processes that once demanded hundreds of hours from a skilled operator can now be done by a less-skilled operator in a fraction of the time.

The rapid semi-automated single particle selection software (SwarmPS) speeds up the painstaking and often laborious process of selecting scientifically "significant" images from the thousands of "non-significant" images which routinely accompany them.

Incorporating cross-correlation and edge-detection algorithms, SwarmPS is an improvement on other available technologies because it uses human interaction with images to fine-tune its considerable processing power.

Queensland Brain Institute (QBI) computational scientist Dr Geoffrey Erickson said the software involved about 20,000 separate lines of computer code and had the potential to save researchers both time and money.

"Essentially, SwarmPS has been designed to provide a user-friendly, powerful and flexible graphical interface to manage and run particle-selection jobs," Dr Erickson said.

Developed by scientists from the QBI and UQ's Institute for Molecular Bioscience, SwarmPS has been designed to run across most standard computer platforms.

GENDER BENDER

Why do males produce sperm and females produce eggs?

An Australian research team led by Dr Josephine Bowles and Professor Peter Koopman from UQ's Institute for Molecular Bioscience has solved one of biology's most fundamental puzzles.

The breakthrough finding could lead to improved infertility treatment, cancer therapy and even pest management.

The research team discovered that derivatives of Vitamin A triggered the beginning of egg and sperm production, a process known as meiosis.

The cells that eventually turn into either eggs or sperm, known as germ cells, are identical in male and female embryos.

"Whether a germ cell develops into an egg or a sperm depends on the time at which meiosis begins," Professor Koopman said.

"In females, meiosis begins before birth and eggs are produced, whereas in males, meiosis begins after birth and the result is sperm."

Professor Koopman and his team found that retinoic acid, a derivative of Vitamin A, caused germ cells in female embryos to



begin meiosis, leading to the production of eggs.

They also discovered an enzyme present in male embryos that wiped out retinoic acid and so suppressed meiosis until after birth, resulting in sperm production.

"This is an extremely important process that nobody has been able to figure out until now," Professor Koopman said.

The team's findings have been published in *Science*.

MINERAL WEALTH

Australia's mining industry will receive a multitude of benefits as a result of the establishment of a \$16 million minerals research facility.

A new Minerals Characterisation Research Facility (MCRF) will be located at UQ's Julius Kruttschnitt Mineral Research Centre (JKMRC) and be part of the University's world-leading Sustainable Minerals Institute (SMI).

The Queensland Government will contribute \$6.1 million to the MCRF project through its Smart State Innovation Building Fund.

JKMRC Director Professor Ben Adair said the MCRF would develop technologies to enable Queensland's billion-dollar mining industry to extract more from current mineral reserves.

"Mineral processing research is on the threshold of producing a critical mass

of knowledge with the potential to create industry-transforming technologies," Professor Adair said.

Professor Don McKee, Director of the SMI, said a sustainable and profitable mining and mineral-processing industry was critical for Queensland's economy, where minerals represented about half of overseas exports.

"The funding from the Queensland Government, along with the support of our industry partners, will guarantee UQ stays at the forefront of innovative and commercially-relevant research," Professor McKee said.

"The MCRF will help increase the productivity of Queensland mining operations as well as sustain our international competitiveness."

MCRF partners include Xstrata Technology, Rio Tinto, BHP Billiton, Anglo Platinum, JKTech, Cytec Industries Inc and Metso Corporation.





CNET Networks

GAMES GOLDMINE

Savvy marketers eager to gain brand recognition for clients have seized on the computer-gaming boom.

UQ Business School Honours graduate Lars-Peter Schneider and Professor Bettina Cornwell have found that marketers are following consumers as they migrate away from mainstream television.

Professor Cornwell, also from the UQ Business School, said the explosion in computer gaming had led marketers to experiment with brand placement as a way of reaching consumers.

"It's a technique that has been widely used in movies such as Steven Spielberg's *Minority Report*, which was subsidised with \$25 million in deals with Nokia, The Gap, and Lexus," Professor Cornwell said.

"With top quality games now costing as much as US\$5 million to make, game producers are also interested in alternative funding sources."

Mr Schneider and Professor Cornwell monitored 46 men playing a car-racing game.

"One of the most interesting findings was the potential of interactivity to influence memory," she said. "In movies, being central to the plot is thought to be important – in video games, being central to the action is important."

"Many of the executional factors deemed important in successful product placement in movies – such as showing the product in a positive light and for an extended period – are easy when designing and scripting a game."

"Building in an interactive experience with a product or brand is also easy in the digital game environment and makes computer games an appealing target for marketers."

MEAL DEAL

Different fish species have been found to form the kind of mutually beneficial relationships more commonly associated with humans.

Dr Lexa Grutter, from UQ's School of Integrative Biology, and Dr Redouan Bshary, from the Swiss University of Neuchatel's Department of Zoology, have been researching the synergy between cleaner fish and client fish.

The researchers have found that client fish "eavesdrop" to determine the trustworthiness of cleaner fish, and cleaner fish in turn behave altruistically to be considered more trustworthy.

Dr Grutter said the interactions between the cleaner fish *Labroides dimidiatus* and its client fish were a well-known example of mutually beneficial behaviour involving different species.

Cleaners may cooperate and remove parasites from client fish; however they may also cheat by feeding on client mucus, which they prefer.

"Our experiments suggest image



scoring is one of several alternative mechanisms used by clients to avoid exploitation by cheating cleaners," Dr Grutter said.

"Given a choice, clients preferred to spend more time with a cleaner that behaved cooperatively than with a cleaner whose cooperative level was unknown."

"We have also seen complicated behaviours in cleaner fish where the benefit of cooperation was not reciprocated directly, but gave them a better reputation."

"Previously there was only evidence that humans were capable of this type of behaviour."



Mother Sharni and female joey Arania, Lindy Thomas from Currumbin Wildlife Sanctuary holding male joey Happy J and mother Zabrina with female joey Sapphire

KOALA INSURANCE

UQ scientists have unveiled koala joeys produced by artificial insemination (AI) as part of the development of the world's first koala sperm bank.

Three of the eight joeys made their first public appearances at Currumbin Wildlife Sanctuary on the Gold Coast on October 30.

They were conceived with new breeding technology which uses sperm mixed with a solution that prolongs the sperm's shelf-life for up to 40 days in the laboratory.

The research is a joint project for UQ advanced reproductive technology scientists, Queensland Parks and Wildlife Service, Dreamworld, Currumbin Wildlife Sanctuary, David Fleay's Wildlife Park and the Zoological Society of London.

Dr Steve Johnston, project leader and reproductive biologist at UQ's School of Animal Studies, said his team now had the

technology to use transported koala semen in Australia and eventually overseas.

"Eight of the 12 current test-tube joeys were born following the artificial insemination of freshly diluted sperm samples," Dr Johnston said.

"The next vital step is the use of chilled sperm and then thawed frozen sperm from the sperm bank."

Samples are screened for koala diseases such as chlamydiae and retroviruses.

The koala is not classified as an endangered species but it is listed as vulnerable to extinction in parts of Queensland and in New South Wales.

"We don't want to claim the technique as a solution to koala conservation but more of a tool for genetic management and animal welfare – an added insurance policy," Dr Johnston said.



Dr Siemon and (above) with Professor Little

Historian looks to the future

A postgraduate renal research scholarship, funded by a UQ graduate and former long-serving staff member will support studies into genetic kidney disease.

An historian who chronicled one of Brisbane's most intriguing families in *The Mayne Inheritance* will leave a legacy which offers hope for families afflicted by a genetic kidney disease.

Dr Rosamond Siemon has turned her focus from the past to the future by supporting kidney research at the University, through a bequest and a scholarship beginning next year.

Dr Siemon completed her PhD in history at UQ and was the University's Alumni Officer for 11 years.

She will aid Professor Melissa Little and her team from UQ's Institute for Molecular Bioscience (IMB) in researching polycystic kidney disease, an inherited condition affecting more than 60,000 Australians.

Dr Siemon's son-in-law had the disease, which made him dialysis-dependent for most of his adult life and led to his premature death.

"I could not look my grandchildren or great-grandchildren in the eye if I did not do something, and that is why I've established the scholarship now," she said.

UQ Vice-Chancellor Professor John Hay, AC, said Dr Siemon had set a fine example by supporting research benefitting generations of families with polycystic kidney disease.

"Having published a book about leading UQ benefactors the Mayne family, this UQ graduate and former staff member is now a philanthropist in her own right," Professor Hay said.

Professor Little said polycystic kidney disease was the most common genetic cause of chronic renal disease. Thirteen thousand of Australia's 60,000 patients have reached end-stage renal disease, which occurs when the kidney filtration rate falls below 10 percent.

"Like other forms of chronic renal disease, polycystic kidney disease can currently only be treated via organ transplantation or dialysis," Professor Little said.

"Only one-in-four end-stage renal failure patients will receive a transplant so new ways of treating the disease are urgently needed, especially as the number of Australians with the condition is rising at around eight percent per annum."

The Dr Rosamond Siemon Postgraduate Renal Research Scholarship will be available to any UQ, or other suitably qualified postgraduate student, undertaking multidisciplinary, collaborative research into renal disease, repair and regeneration. //

Top graduate looking for an edge?

The University of Queensland's TC Beirne School of Law has a tradition of providing relevant academic programs that have elevated the careers of many top legal practitioners and other professionals, both within Australia and internationally.

On offer are a range of postgraduate programs for both law and non-law graduates including:

Law graduates

- Master of Laws
- Master of Laws (Advanced)
- Master of Philosophy
- Doctor of Philosophy

Non-law graduates

- Juris Doctor
- Master of Applied Law
- Graduate Diploma in Applied Law
- Graduate Certificate in Applied Law

For further information contact the TC Beirne School of Law, phone (07) 3365 2206, email tcblaw@law.uq.edu.au or visit www.law.uq.edu.au.

ST LUCIA IPSWICH GATTON



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Capacity to build hope

Carly Stephan is driven by a passion to empower people in developing countries to help themselves in important areas such as poverty relief.

// By Melinda Midgley



Ms Stephan with refugee children in Kenya. Photographs courtesy of Ms Stephan.

International travel, on-the-job training, and making a difference to people around the world are just some of the facets of daily life for UQ graduate Carly Stephan.

After only having worked full-time for a year, Ms Stephan is already discovering many opportunities presented by her career.

Be it travelling overseas or working in Australia, Ms Stephan is exposed to the field of international development every day.

She is a Project Coordinator appointed under the Young Professionals Program by GRM International, an international aid and development organisation working on projects worldwide.

Ms Stephan has helped coordinate projects including the RAMSI Law and Justice Program (under the Regional Assistance Mission to Solomon Islands), the RAMSI Governance Support Facility, and the Vanuatu Police Force Capacity Building Project.

"At the moment, I am predominately focused on the Law and Justice Program in the Solomon Islands. I assist with the day-to-day running of the project, liaising with our

Solomon Islands project office on matters such as managing personnel, contracts, purchasing of goods and services for the program and training activities," she said.

Ms Stephan graduated from UQ in 2003 with a Bachelor of Arts (Political Science)/Bachelor of Business Management (International Business).

She then spent a year undertaking an Honours degree (First Class) in International Relations. She has also had experience as a volunteer for the Red Cross, tutoring refugee students.

Ms Stephan joined GRM in 2005, following an internship with the United Nations Development Programme (UNDP) in Kenya, where she worked with the Sustainability Unit on the high-profile Lelechwia environment conservation project.

"Working in Kenya was an incredible experience, given that I had only just left university," she said.

"I was exposed to all aspects of the project, from a UNDP headquarters office perspective to experiences working in the field."

Ms Stephan said her passion for international development was driven by the desire to help empower people to help themselves.

"I feel strongly about working towards an alleviation of poverty in developing countries through capacity-building, which is helping people to help themselves," she said.

"People in developing countries generally aren't looking for handouts; they want to be self-sufficient and empowered to run their own lives. Furthering this cause is where my passion lies."

As part of the GRM Young Professionals Program, Ms Stephan says she is provided with myriad opportunities to acquire project management skills and contribute to the international development sector.

"I am exposed to a wide variety of project management and international development issues on a daily basis, which is both challenging and exciting," she said.

"There are also many opportunities to travel and learn about international development from the 'ground-up', and I am enjoying the experience," she said. //

"I FEEL STRONGLY ABOUT WORKING TOWARDS AN ALLEVIATION OF POVERTY IN DEVELOPING COUNTRIES THROUGH CAPACITY-BUILDING, WHICH IS HELPING PEOPLE TO HELP THEMSELVES."



SPANNING 80 YEARS

The joining of the \$55.47 million cable span bridge between St Lucia and Dutton Park on August 11 was a landmark occasion for the University.

On August 28, Brisbane Lord Mayor Campbell Newman announced the Brisbane River crossing would be known as the Eleanor Schonell Bridge.

Cr Newman said Eleanor Schonell had made "an internationally recognised contribution to testing for dyslexia and was renowned for her generous and humane approach to life."

An educationist whose work with cerebral palsy children led to international recognition, Eleanor Schonell was married to Sir Fred Schonell, who was UQ Vice-Chancellor from 1960 to 1969.

At the joining of the span, Vice-Chancellor Professor John Hay, AC, said the bridge would improve the accessibility of the campus for bus, cycle and pedestrian use.

"The University's governing Senate 80 years ago had a choice of establishing the University at either Victoria Park near the hospitals, or at St Lucia, a suburb which in 1926 was inaccessible," he said.

"Senate on December 10, 1926, voted for the St Lucia site on the understanding the Brisbane City Council would agree to make the campus accessible with a bridge.

"Although the Council has since provided buses and ferries, the University is pleased that the promise of a bridge has now been kept.

"Since that time, the St Lucia campus has become the second-largest traffic generator in the Brisbane area, with up to 40,000 people a day visiting the campus at the beginning of first semester."

In October 9, 2003, the University Senate set out stringent conditions on support of construction of a bridge to, but not through, the St Lucia campus.

Senate noted the worsening traffic congestion on Coronation Drive and Sir Fred Schonell Drive in St Lucia and supported a bridge that would encourage the use of public transport to the campus.

Senate also affirmed there would not be a connection to the campus road network, and no through-running bus services to preserve the amenity of the area.



FOSSILS CENTRE OF ATTENTION

The discovery of the ancestor of all crocodilians has led to the establishment of a new centre in the central western Queensland town of Isisford.

Dr Steve Salisbury, from the School of Integrative Biology, in July attended the opening of the Outer Barcoo Interpretation Centre in Isisford, the centrepiece of which is a replica of a fossil crocodilian that he and his team recently discovered in the region.

Dr Salisbury said the new fossil, which

he and his colleagues named *Isisfordia duncani*, may represent the ancestor of all modern crocodilians (crocodiles, alligators, caimans and gharials).

The \$1.34 million centre, opened by Queensland Governor Quentin Bryce, includes a prominent display on *Isisfordia duncani*, along with the research that Dr Salisbury and his team have conducted in the Isisford district since 2001.

"It is such an honour to have our work featured like this," Dr Salisbury said.

"And to be able to give something back to the community, which has supported our research for many years, is something we are very proud of."

The first fossils of *Isisfordia* were found in the mid-1990s in a dried-up creek bed on the outskirts of town.

Isisford Shire is approximately 1200km from Brisbane and 700km inland from Rockhampton.



BIG INNINGS FOR FAMILY

An honorary doctorate award ceremony for Australian cricket coach Dr John Buchanan became a family affair when his daughter graduated at the same ceremony on July 19.

Since taking over in 1999, Dr Buchanan has coached the Australian Cricket Team to World Cup Champion and Test Cricket World Champion status.

He began his cricket career with the University Club and represented Queensland in seven matches between 1978 and 1979.

He graduated from UQ with a Human Movement Studies degree in 1976 and on July 19, was awarded the degree of Doctor of the University *honoris causa*.

His daughter Lauren received a Bachelor of Science degree.

"I'm very proud to receive the honorary degree at the same ceremony as my daughter," Dr Buchanan said."





Members of the premiership-winning UQ Women's Rugby Team

RUGBY REIGN

The UQ team is the 2006 champion in the Brisbane women's competition after defeating minor premiers Easts in the Grand Final at Ballymore.

University posted seven tries to three in its 39–21 romp over Easts, the Red Heavies' first premiership since 2000.

Easts dominated in the early encounters and scored two early tries to lead 14–0 after only 15 minutes.

The students hit back with some sustained pressure in the Tigers half that resulted in 19 unanswered points, courtesy of tries to Sarah Hind, Tricia Brown and Angie Wam.

With the half-time score poised at 24–21 after both teams traded tries, University asserted its dominance in the second half

as the forwards created a great attacking platform from which the backs were able to run in three further tries to seal the premiership.

University captain Jacqui Cutts said the team improved throughout the season.

"It was fantastic. The girls put a lot of work in throughout the year and they really deserved it," Ms Cutts said.

"When we started the season, somewhere between a quarter and a half of the girls had never played rugby before, so there has been a lot of development over the year. To come out and win the final was hugely impressive," she said.

"Our stand-out players were tighthead prop Christine Wanma and our number five Bridget McNee."

Ms Cutts, Trish Brown and Kelli Donnelly all made the Wallaroo squad for the World Cup in Canada.

ARTWORKS CARVED INTO IPSWICH HISTORY

History was carved at UQ Ipswich when artwork by a patient of the former Ipswich Hospital for the Insane was celebrated.

Peter Harley, a patient from 1907 to 1941 at the hospital, which was later named the Challinor Centre, carved an Honour Board and mirror frame. The artworks were unveiled at a morning tea at the Ipswich campus in June.

The Honour Board was donated to the University when UQ Ipswich moved to the centre site in 1998.

Mr Harley was born in Scotland and travelled to Australia, probably around the turn of the century. He was admitted to the hospital in 1907, died there in 1941 and was buried in the Ipswich Cemetery. He was well-known at the hospital for his wood-carving.

The mirror frame, carved in 1914, was presented to the campus by sisters Joan Witt and Margaret Boulter in 2005.

Relatives and friends of the families and staff members celebrated the work of Mr Harley at the morning tea hosted by Pro-Vice-Chancellor Ipswich Professor Alan Rix.



NEW SENATORS STEP IN

The University's links to the State's wider business, legal and cultural communities have grown stronger with seven prominent "downtowners" playing a leading role on its Senate.

These recent appointments link UQ to a network of national and international contacts outside the academic world and are paving the way forward for a more corporate-based management style.

UQ Vice-Chancellor Professor John Hay, AC, said the 22-member Senate, which is the University's governing body, had adapted to reflect the complex changes taking place in higher education.

"UQ's research, teaching and commercialisation initiatives are in demand internationally; our global collaborations are growing in importance; and we have students from more than 120 countries. It is therefore imperative that UQ operates like a modern, outwardly-focused corporation – and the Senate reflects this thinking," Professor Hay said.

The seven recently appointed non-academic Senators, six of whom are UQ graduates, include: Queensland's most senior public servant, Ross Rolfe; company director and



Six of the seven new Senators: clockwise from back left: Judith Bell, John Story, Timothy Crommelin, Dr Jane Wilson, Nerolie Withnall and Isabel Tarrago.

corporate and commercial lawyer, John Story; and principal advisor for cultural heritage with the Indigenous Cultural Heritage Coordination Unit, Isabel Tarrago.

Other new Senators are: Board of Trustees of Brisbane Grammar School and Crime and Misconduct Commission member, Judith

Bell; stockbroking executive chair, Timothy Crommelin; professional company director, Dr Jane Wilson; and company director and former lawyer, Nerolie Withnall.

Professor Hay said the non-academic Senators ensured the University could respond to new trends and developments.

NEW IDEAS

The eight recipients of this year's UQ Foundation Research Excellence Awards are exploring the boundaries of knowledge in areas as diverse as breast cancer treatment, the durability of light metals and the ethics of terrorism. The annual award scheme was introduced in 1999 and promotes the work of exceptional early career researchers. The 2006 winners received a total of \$552,000.



BREAST CANCER TARGETED

Research by a UQ academic could lead to a treatment for breast cancer.

Dr Greg Monteith from UQ's School of Pharmacy received a \$67,000 UQ Foundation Research Excellence Award for his research on calcium transportation and breast cancer.

Calcium exists in the body as a mineral for healthy teeth and bones, but also as a freely movable form inside cells.

Dr Monteith has been studying calcium and breast cancer since 2000. His research found breast cancer cells have abnormal expression of pumps that could transport calcium out of cancer cells.

His research focuses on intracellular calcium and the transportation of this calcium in the breast.

Intracellular calcium is moved through the body via different transporters, and there are a number of different transporters in the breast.

Dr Monteith's research aims to control the transporters pharmacologically and is examining different transporters as potential drug targets.

"What my lab is looking at is not only how calcium gets into milk and what transporters are involved, but also how important the transporter is in breast cancer development, and whether it is a drug target," he said.

"There's something that goes on in breast cancer that makes cells adopt a very abnormal expression of calcium transporters.

"We found that these calcium transporters are altered and so we are trying to understand them better to eventually lead to breast cancer treatments."

The quality of Dr Monteith's research has resulted in international collaborations with universities in the United States including Johns Hopkins University and the Lawrence Berkley National Laboratory.

COMMUNICATING SCIENCE

A UQ academic is studying the growth in professional science communicators specialising in explaining sometimes complicated research to the public.

Dr Joan Leach, from UQ's School of English, Media Studies and Art History, said scientists not only had to make sure their research was accurate, but to trust another person to communicate it.

Her research has been recognised with an \$55,000 UQ Foundation Research Excellence Award.

"An estimated 25,000 people around the world identify themselves as science communicators, with 900 in Australia," Dr Leach said.

"With fewer media outlets having specialised science writers, these communicators hold powerful positions as knowledge brokers for scientists and scientific institutions."

Dr Leach said Australia was a leader in science communication, with the profession emerging from the CSIRO, where public engagement was a key issue.

She said Australian museums and universities were also internationally acclaimed for recognising the importance of communicating science.

"Scientists and governments worry about negative representations of science and that the public will reject science and technology," she said.

"Governments have assumed that if people know more about science and technology they will accept it more readily.

"The problem is that all the research to date suggests that, at best, this is only partly true. We need a different framework if science communicators are going to do their work properly."



PIG AND POULTRY PATHOGEN

A new UQ study aims to improve understanding of a remarkable organism that is an important cause of diarrhoea in animals and humans.

Dr Darren Trott, a lecturer in UQ's School of Veterinary Science has received a \$55,000 UQ Foundation Research Excellence Award to study the intestinal spirochaete *Brachyspira pilosicoli*.

"This organism has consistently been identified as one of the major disease-causing agents (pathogens) leading to colitis in pigs and poultry," Dr Trott said.

"In the past, antibiotics were used to control these pathogens. However, the use of these agents is being phased out in many countries due to concerns over the transfer of antibiotic resistance to human pathogens.

"Alternative strategies to antibiotics must be investigated, and I hope that this research project may lead to new methods of control.

"For example, vaccines based on novel surface proteins found in the organisms could be an applied outcome of this research."

He said if scientists could understand the way the organism attached itself to the surface of the intestine and how its proteins were involved in this process, it might be possible to control it.

Dr Trott said *B. pilosicoli* was also common in developing countries and among immuno-suppressed humans. Its significance for causing disease in human patients was receiving further recognition.

It led to failure to gain weight in grower pigs, while in poultry, birds had sub-optimal feed conversion rates, increased numbers of weak chicks and laid fewer eggs.

CHANGING FACE OF TERRORISM

Terrorism hasn't always taken the forms manifesting in today's society.

UQ Foundation Research Excellence Award winner Dr Alex Bellamy has won his \$75,000 grant to write a book about the ethics of terrorism for Oxford University Press.

Dr Bellamy, a Senior Lecturer at UQ's Australian Centre for Peace and Conflict Studies, will explore the motivations and justifications behind terrorism, a term first used during the French Revolution.

Dr Bellamy said during the Cold War, terrorism was often the weapon of choice for those seeking to right what they regarded as political wrongs, to liberate a country or to free people seen as being oppressed.

He said there was now less terrorism than ever before because of the increased revolution towards the killing of civilians.

"Until very recently, the most deadly terrorists were states," Dr Bellamy said.

"Since 1789, we count the number of victims of state terror in the millions.

"Terrorism came to be seen as illegal and illegitimate after the Geneva Conventions, although the great powers retained the right and ability to resort to it in emergencies in the form of nuclear deterrence."

Dr Bellamy said an example of state-driven terrorism to suppress internal dissent were the massacres of Greeks by Turkish authorities, while the Holocaust was an example of terrorism to eliminate ethnic or religious groups.

He said Stalin's Russia was an example of terrorism to impose an ideology and British rule in Kenya an example of terrorism used to maintain order in a colony.

GOOD BUGS FIGHT URINARY INFECTION

Analysing urine is not a glamorous job but UQ's Dr Mark Schembri is hoping it will lead to better treatment of urinary tract infections (UTIs).

For the past year, Dr Schembri and his team of scientists have stockpiled more than 1000 bacteria from urine samples at Brisbane's Princess Alexandra Hospital.

Dr Schembri hopes to identify "good" bacteria that will prevent harmful bacteria from causing UTIs. He has already isolated several strains of "good" bacteria.

UTIs can lead to kidney failure and can only be treated by antibiotics, which aren't always effective.

About 250,000 Australians develop a UTI each year and more than 50 percent of women will experience at least one infection in their lifetime.

The UQ School of Molecular and Microbial Science Senior Lecturer said the "good" bacteria could outgrow harmful bacteria in the bladder.

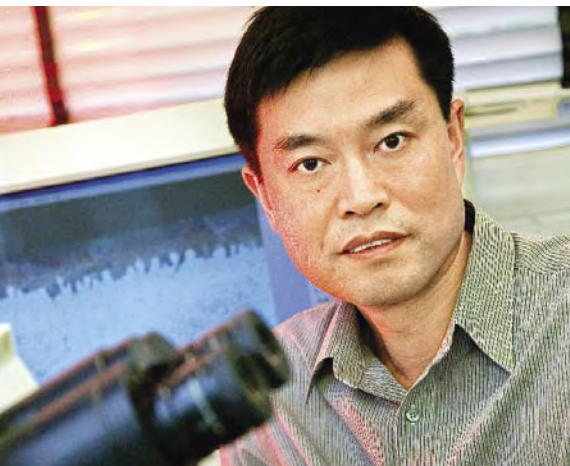
He will study the genome sequence of one of the good bacterial strains in collaboration with scientists from the Technical University of Denmark.

Dr Schembri said having any bacteria in the urinary tract was unavoidable for some patients.

"These people might have long-term urinary catheters, such as patients who have a spinal chord injury," Dr Schembri said.

"The bacteria can grow on the catheter surface in thick clumps and are virtually impossible to remove."

Dr Schembri's UQ Foundation Research Excellence Award is worth \$75,000 and his work is also supported by the National Health and Medical Research Council.



LIGHT METALS REVOLUTION

Novel surface modification methods being developed by a UQ researcher will result in the replacement of steel parts with lighter metals in future fuel-efficient vehicles, aircraft and spacecraft.

Dr Mingxing Zhang, an Australian Research Council (ARC) Australian Research Fellow and Senior Lecturer with UQ's Division of Materials within the School of Engineering, has been awarded a \$65,000 UQ Foundation Research Excellence Award.

Dr Zhang said lighter alloys, magnesium alloys in particular, had to date been problematic for wider applications in the automotive and aeronautical industries because of their softness and poor corrosion resistance.

"Lighter vehicles are cheaper to run as they consume far less fuel. For example, a 10 percent weight reduction in a car can save 0.7 litres of fuel every 100 kilometres," he said.

Dr Zhang said Australia had strategic long-term interests in the production, processing and application of light metals and had become a world leader in the development of alloy.

"It is vitally important we don't lose any momentum in refining these products further," he said.

Dr Zhang's laboratory is evolving and trialling different routes as well as two methods of treating the surface of light metals to vastly increase their strengths and corrosion resistance, but not their weights or densities.

Dr Zhang's research group is one of a handful in the world racing to develop methods that will open the floodgates to replacing the parts currently made of steel in car, truck and even aircraft with lighter alloys.



CLEAN COAL-FIRED POWER STATIONS

UQ researchers are working on a process that could make the theory of clean coal a reality.

Dr Joe da Costa's research group, from the Division of Chemical Engineering in the School of Engineering, has developed unique hollow fibre technology that can separate oxygen from air, making the process of capturing environmentally harmful CO₂ gases in coal-fired power stations easier.

Dr da Costa's work has been recognised with an \$80,000 UQ Foundation Research Excellence Award.

Dr da Costa noted that much current research was focusing on separating CO₂ at the end of the cycle, which is expensive at the moment.

"Our process happens at the start, before the coal is even burnt, which reduces the cost of removing oxygen as well as making the capture of CO₂ easier," Dr da Costa said.

The secret of the process rested in the technology of producing ceramic hollow fibres that were efficient at removing oxygen from the air.

Dr da Costa said the fibres, which were less than 1mm in diameter, were woven in a novel process that combined nanotechnology and ceramic powder technology.

He said the next stage of the research would target reducing the temperature at which the process happened so as to make it cost effective on a large industrial scale.

"At the moment the process takes place at 800 degrees but we need to get it down to around 500 degrees to make it commercially viable," he said.

Dr da Costa said investment in clean-coal technology made the best use of the Earth's finite resources.



SWOTTING UP ON SEX DIFFERENCES

A UQ Foundation Research Excellence Award winner is investigating how genetic triggers produce key differences between males and females such as longevity and particular disease rates.

Dr Steve Chenoweth, an Australian Research Council (ARC) Australian Research Fellow and Senior Lecturer with UQ's School of Integrative Biology, is using a native species of fruit fly, *Drosophila serrata*, to understand how genomes are able to produce males and females.

"Differences between males and females make up a substantial component of diversity in the biological world, with the sexes often differing in size, shape and colour," said Dr Chenoweth, who won an \$80,000 Foundation Research Excellence Award.

"The catch from a genetic standpoint is that the male and female sexes share almost all of their genes. Because of this, many genes that benefit one sex may actually be harmful to the other.

"In birds, a gene that causes brightly coloured plumage in males may have advantages in terms of attracting a mate whereas its effect in a female could be a distinct disadvantage in making her more noticeable to predators."

He believes that while the genes for sex differences may be shared, the trigger for their development or suppression might be located on sex chromosomes.

"Once we understand where these sex-specific triggers are and how they work, there is potential for developing intervention methods to control sex differences in the development of certain conditions such as heart disease – much higher among men – as well as areas such as longevity – women on average live a lot longer than men," he said.

Conduct most becoming

Dane Lam has already built a formidable reputation conducting Australian orchestras and now wants to make an impression on the world stage.

Electric is an apt description of conductor and UQ Music School student Dane Lam's career to date.

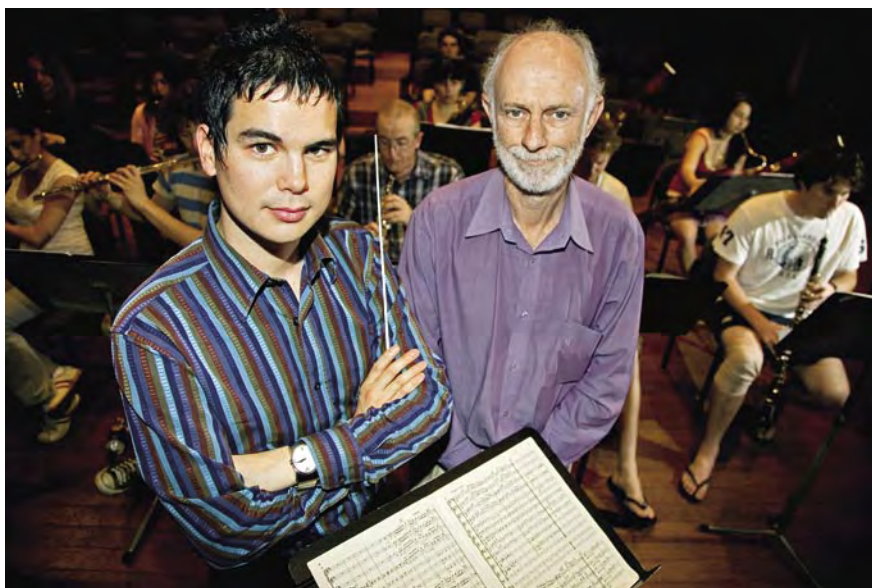
The 20-year-old had already conducted UQ's Symphony before he even started University and has also conducted the Sydney Symphony at the Opera House.

On top of all of this, he conducted the Melbourne Symphony on September 20 for a concert broadcast live on ABC Radio.

The former Mansfield High School student graduates with his Bachelor of Music with honours from UQ next month and will pursue post doctoral studies overseas in 2007.

He has auditions lined up with a "Who's Who" of music schools – the Juilliard School in New York, the Royal College of Music in Stockholm and the Sibelius Academy in Helsinki.

Mr Lam said he was drawn to conducting after growing up in a house where classical music was constantly played, in particular



Mr Lam (left) and Mr Roberts

the scores to famous ballets. His mother and grandmother both played amateur piano.

"It's fantastic being able to get 120 musicians to speak as one," Mr Lam said.

"I cannot narrow down my favourite composer. I love Mozart, Brahms, Beethoven and Mahler, but Beethoven symphonies are my favourite to conduct as they're very gutsy."

According to UQ School of Music senior lecturer and the head of its conducting program, Gwyn Roberts, Mr Lam is one of a

highly talented band of Australian conductors in their 20s and 30s.

Mr Lam said he chose UQ after discussions with Mr Roberts who visited Mr Lam's high school toward the end of Year 12.

"I received offers of places at both the Conservatorium of Music and UQ and chose UQ because of its excellent conducting program and aural studies training – 'hearing' music is an obvious foundation skill for conducting," Mr Lam said.

GENUINE BOOK BARGAINS

Brisbane's Original Book Fair

UQ ALUMNI BOOK FAIR

Funds for the support of special projects within The University of Queensland

**UQ CENTRE, UNION ROAD,
THE UNIVERSITY OF QUEENSLAND**

Saturday 21 April (Anzac Day)–Wednesday 25 April 2007

Anzac Day, 12 noon–5pm, other days 11am–5pm

Sunday 22 April, open 10am–11am exclusively for people with disabilities (may be accompanied by one carer).

Books, magazines, music (sheet, CD, record). All items are easy to find, sorted and displayed in clear categories. Fresh stock put out every day.



FREE PARKING Saturday and Sunday, Wednesday (Anzac Day). (Do **NOT** park on yellow line, rail or kerb)

Cash / Cheque / Bankcard / Mastercard / Visa welcome

For further information email alumni@uq.edu.au or visit www.uq.edu.au/alumni (auction catalogue available after 15 March 2007).



RARE BOOK AUCTION

THE WOMEN'S COLLEGE
PLAYHOUSE, SIR WILLIAM
MACGREGOR DRIVE, THE UNIVERSITY
OF QUEENSLAND

**Friday 20 April 2007
at 6.30pm**

Auction lots may be inspected
at The Women's College
Playhouse from 4pm to 6pm
on the date of sale. Auction
Catalogue available free from

**Alumni Centre (91C),
50 Walcott Street, St Lucia.
Telephone: (07) 3365-1562.**

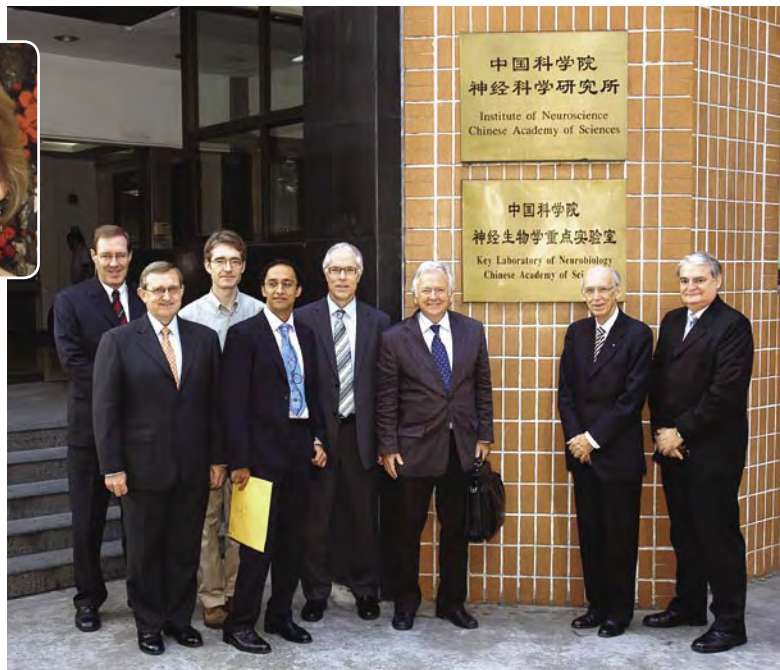
BOOKS • MAGAZINES • RECORDS • SHEET MUSIC

+ UQ IN ASIA 2006

UQ Chancellor Sir Llew Edwards presents Muhd Hazman (left) and sister Nuramalina with a Bachelor of Science award received by their late father Hussain Kadir during the University's graduate celebration in Singapore.



" THROUGH STUDIES AND EXPERIENCE AT UQ AND AUSTRALIA, I UNDERSTOOD THAT RECEIVING EDUCATION BEYOND ONE'S COUNTRY IS A GREAT OPPORTUNITY TO TRANSCEND BOUNDARIES TO ALLOW UNDERSTANDING OF GLOBAL ISSUES "



Home in Asia

UQ strengthened its Asian ties in October with its first graduate celebrations in China, while in Singapore, a new alumni vision was unveiled to coincide with a special anniversary. Journalist MIGUEL HOLLAND travelled with the University's delegation to report and take photographs for *Graduate Contact*.

About 100 people including graduates, their friends and family came together for the University's inaugural graduation celebration in China in Beijing on October 10, with a similar number attending the Shanghai ceremony two days later.

UQ Chancellor Sir Llew Edwards, AC, congratulated about 40 graduates from all UQ faculties in Beijing, China, while in his keynote address, Australia's Ambassador to China Dr Alan Thomas said Australia and China's educational engagement was now second only to the US.

Mr Haishan Jiang, Director-General, Department of International Exchange and Program Development, China Executive Leadership Academy Pudong (CELAP), addressed graduates in Shanghai.

Mr Jiang, who finished his Masters of Education Studies in 2001, said UQ had been a great source of intelligence and wisdom.

"Through studies and experience at UQ and Australia, I understood that receiving education beyond one's country was a great opportunity to transcend boundaries to allow understanding of global issues," Mr Jiang said.

Chinese students are UQ's biggest international student group with more than 1000 Chinese students studying at UQ this year, mostly in commerce and engineering.

UQ has about 30 agreements with Chinese institutions to foster research and academic collaboration and student and staff exchanges.

While in Shanghai, UQ also formalised a neuroscience agreement with China's Institute of Neuroscience (ION) to share research and student exchanges.

The ION is part of China's premier science agency, the Chinese Academy of Sciences, which works to improve the health and welfare of about 1.3 billion people.

Professor Trevor Grigg, UQ's Acting Vice-Chancellor during the visit, and the ION's Deputy Director and Senior Investigator Dr Ai-Ke Guo signed the agreement.

Leading scientists and students from UQ's

Queensland Brain Institute (QBI) and China will collaborate and study at UQ's new Advanced Imaging Centre within the QBI.

QBI Director Professor Perry Bartlett said the two institutes shared similar expertise.

"It makes good sense to work together to accelerate the discovery processes that will lead to the development of new therapeutics to treat mental and neurological diseases," he said.

"It's also a coming of age for the Asia-Pacific region, which is now a force in neuroscience."

Professor Bartlett said the \$1.5 million (CNY8.9 million) Centre, equipped by technology company Carl Zeiss, would be part of the QBI and a regional hub for high-end microscopy.

QBI and Zeiss also agreed to create travelling fellowships to allow scientist and student exchanges between QBI and China.

The inaugural fellowship winners are ION PhD students Chun-Lei Wang, 29 and Ting-Jia Lu, 25.

Mr Wang is studying the functions of the brain's different hemispheres and Ms Lu the genes associated with intellectual disability.

Professor Bartlett said he expected six fellowships to be offered by 2008.

"Chinese neuroscientists are superbly trained and have much to offer in terms of their intellectual insights and the scientific vigour they bring to neuroscience," he said.

In Singapore, more than 800 students and their families took part in UQ's October 8 graduate celebration.

More than 110 graduates, mostly from business and engineering, were congratulated on behalf of the University by Sir Llew.

Senior Consultant Paediatrician and Gastroenterologist Professor Phua Kong Boo from the KK Women's and Children's Hospital in Singapore was guest speaker.

Professor Phua, a UQ alumnus from 1965, told graduates to live a humble life, have goals and not procrastinate.

"We need to be strong enough to admit our mistakes, smart enough to profit from them and strong enough to correct them," Professor Phua said.

Singapore is the second biggest source of international students at UQ after China, with more than 820 Singaporeans enrolled this year.

The graduation celebration marked the 10th anniversary of the UQ Alumni Association of Singapore. It also coincided with UQ's new vision for international alumni unveiled by Professor Grigg.

UQ was committed to extending its relationship with alumni, as the measure of a good university was based on the success of its graduates, Professor Grigg said.

"We want to work with you to ensure that you get every support from your *alma mater*, not just while you are with us but after you've graduated," Professor Grigg said.

He said some of these improved services included a searchable database of all alumni called UQ Reunited to allow graduates to connect with friends for social or business opportunities.

A UQ Alumni Referral Program would allow alumni to refer friends and family to study at UQ, providing benefits to those referred.

For example, the normal application fee would be waived, applications would receive prioritised treatment and there would be an online inquiry service.

The UQ Career Hub will soon include an international alumni section featuring employment options and other advisory services.

All alumni will be granted one year's free library membership with a 10 percent discount thereafter, as well as access to long-distance document delivery.

Other improvements will include updating the UQ Alumni website, expanding mentoring programs and introducing branding initiatives. //

Pictured above: The UQ delegation at the Chinese Academy of Science in Shanghai. (From left) Andrew Everett (International Education Directorate), Douglas Porter (Secretary and Registrar), Dr Geoffrey Goodhill (Queensland Brain Institute), Professor Pankaj Sah (Queensland Brain Institute), Professor Grigg, Professor Bartlett, Sir Llew Edwards and John Moller (Protocol and Ceremonies).



MARKET RESEARCHER CONNECTING WITH BEIJING ALUMNI

UQ's Beijing Alumni Association President Daisy Xu tried her hand at journalism before working as a market researcher.

Ms Xu spent a year working as a journalist for China's government-controlled national newspaper, the *People's Daily*, but decided it wasn't for her.

So she switched to be a market researcher for global market agencies TNS, ACNielsen and is now with Synovate, based in Beijing.

As a Synovate Project Director, Ms Xu deals mainly with automotive and finance companies.

She is responsible for writing proposals and reports, meetings with clients and overseeing her team in managing market research collection and data quality.

"My work involves people and data and the data I work on impacts on people and their business, which is the fun part of the job," she said.

Miss Xu has been the President of UQ's Beijing Alumni group since its formation in October 2004.

There are about 150 active alumni members who take part in regular social events, sports and charity functions and festival celebrations such as Chinese New Year and Christmas.

They also hold workshops and seminars to bring employers, recruiters and alumni together to discuss career opportunities and challenges.

Miss Xu said her goal as Alumni President was to keep UQ graduates in China connected via a variety of social events.

"The majority of members in the Beijing chapter are returned Chinese students from Australia or graduates of UQ's overseas programs," she said.

"Another nice proportion of members are Australians now living and working in China who are happy to find the UQ community, while being far away from their homeland."

Many UQ alumni in Beijing are from business backgrounds such as Anthony McQuade (North China Director for real estate group Savills), Peter Xiao (Operations Director, Ericsson Beijing) and Cecila Fan (co-founder of her own management firm).

Miss Xu studied part-time at UQ from 2001–2003 for her international Masters of Business Administration program in China.

"I love UQ and the people who are running it," she said.

"Therefore, I was motivated to take the role of the President of Beijing Alumni Association and organised an executive committee with a few fun and creative people to join."

She said she liked all sports such as hiking, snowboarding, horseback-riding and golf.

Chinese alumni wanting to make contact with other UQ graduates or help organise alumni functions, can contact the Alumni Association of Beijing on daisyx@gmail.com or +86 13701362991.



THAI ALUMNI PRESIDENT LIVES A DIPLOMATIC LIFE

UQ's new Thailand Alumni Association President Ohm Cusripituck is a career diplomat who loves making friends and spreading Thai goodwill.

Mr Cusripituck, 27, works for the Department of International Economic Affairs within Thailand's Ministry of Foreign Affairs.

About 30 people work in his Department to further Thai trade interests with many countries and regional trade groups such as the Asia Pacific Economic Cooperation.

Some of his daily duties include organising and attending events and liaising with Thai Embassies, ministries, departments and Consulates General based around the world.

"I'm a career diplomat and my job is to make friends for my country and represent my country to do anything to foster relations with other nations," Mr Cusripituck said.

He has hosted United Nations Secretary-General Kofi Annan and in June helped organise the visit of 25 of the world's royal families to Thailand for the King's 60th anniversary on the throne.

Mr Cusripituck studied a Masters of International Relations and Asian Politics at UQ (2003) through the School of Political Science and International Studies.

He said he enrolled specifically at UQ because he had always wanted to work in foreign affairs.

Mr Cusripituck replaced founding Thai president Dr Stuart Blacksell.

Thai alumni wanting to contact other UQ graduates or help organise alumni functions, can contact the Alumni Association of Thailand on ohmc@mfa.go.th or +66 8 9 931 2244.

LEGAL EAGLE DRAWN DOWN UNDER

Studying in Australia has given Jessie Zhang a new appreciation of China's cultural and legal heritage.

Since last July, the Master of Laws student has been studying dispute resolution at UQ.

Ms Zhang said differences in language, law, and culture between China and Australia had given her a better understanding of Chinese culture.

"I never realised culture could have such a significant effect on law and even on every aspect of life," Ms Zhang said.

"I know China and its culture better through studying in Australia at UQ.

"In China, people generally don't like to

go to court. People don't want to expose their disputes to public because of the concept of face."

"It seems in Western countries people prefer to go to court."

Ms Zhang is the first graduate under UQ's double Master of Laws degree with the East China University of Politics and Law in Shanghai.

She joined Chinese students and their families at UQ's inaugural Shanghai graduate celebration.

Ms Zhang, a UQ scholarship recipient, has now been credited with the second year of her three-year Masters.

The 24-year-old from Shangdong Province in eastern China will finish her final year in Shanghai, majoring in international law.



TEACHING AND LEARNING CHINESE CULTURE

About 16 months ago, primary school teacher Mary Vibert-Guigue packed up her home near Byron Bay to teach English in southern China.

It was a big move for Mrs Vibert-Guigue, who has family in Brisbane and Melbourne.

Mrs Vibert-Guigue, who received a Masters in Educational Studies at UQ's October Beijing graduate celebration, joined the China Hong Kong English School in Zhongshan, a Southern Chinese city in Guangdong Province.

As supervisor of the School's English teaching, she is responsible for mentoring about 20 Chinese and foreign English teachers.

"My biggest challenge is not having enough Chinese language skills which can be a barrier to being 100 percent effective," Mrs Vibert-Guigue said.

"But I am studying Mandarin and picking up a little Cantonese as well.

"It's been a real cultural learning curve too. I wanted to explore the Chinese culture and build bridges between Eastern and Western styles of teaching and learning."

Mrs Vibert-Guigue, whose husband Jean Louis teaches French at the school, loves the cultural exchanges with her Chinese friends.

"A lot of the Chinese English teachers are quite young, but the friendships have bridged that generation gap," she said.

She said many of her Chinese students had excellent memories, English grammar and study skills.

"I've never seen anything like it in Australia but they have very little communicative ability with English.

"This is where we come in to help them to learn English as a language of communication not just as a field of study."

WHIPLASH DRIVING LESSON

People who have had a whiplash injury are driving and placing themselves at further risk, new research shows.

Singapore physiotherapy student Michelle Pereira, who will graduate at the end of the year, has compared the driving abilities of drivers with and without whiplash.

Ms Pereira has found that people with whiplash injury, sometimes unknowingly, have difficulty driving because of impairments such as decreased neck motion.

"I wanted to see which particular aspects of driving were difficult for these people and whether there was a relationship between their difficulty and the level of physical impairment that they suffer," Miss Pereira said.

Ms Pereira spent June in Singapore's second biggest hospital, Tan Tock Seng, which has a specialty rehabilitation centre.

"I saw general musculoskeletal patients and performed physiotherapy assessment and treatments."

She organised her hospital experience to test her whiplash theory, usually treating at least two whiplash patients a day.



DISTINGUISHED DUO HONoured

An acclaimed author and Queensland's youngest woman ever elected to State Parliament are UQ's 2006 *Alumnus of the Year* and *Young Alumnus of the Year*.

Best known for his chronicles of youthful angst, multi-award-winning Brisbane author Dr Nick Earls is The University of Queensland's 2006 *Alumnus of the Year* while Rachel Nolan, Member for Ipswich and a former UQ Senator, has won the young alumnus title.

Chancellor Sir Llew Edwards presented the awards at the *Courting the Greats* luncheon at Brisbane's Customs House on October 26.

The event was supported by UQ Vice-Chancellor Professor John Hay, AC, and the Alumni Association of The University of Queensland Inc.

Dr Earls said he was honoured to be named *Alumnus of the Year*: "Bearing in mind the accomplishments of previous Alumni of the Year – an Oscar, Nobel Prize and more – I can honestly say I'm very surprised to find myself in their company. This is a great honour, and made all the more meaningful by the close attachment I feel to UQ."

Ms Nolan, who was elected to State Parliament at the age of 26 in 2001 and appointed Deputy Government Whip in March 2004, was similarly delighted.

"UQ has been a part of my life since I went to pre-school at the age of three. The quality education I've received has opened a whole world for me and I feel privileged for my small efforts to be recognised," Ms Nolan said.

Dr Earls, a Bachelor of Medicine and Bachelor of Surgery with honours graduate from the University (1986), is the author of nine novels including *48 Shades of Brown*, recently adapted into the film, *48 Shades*, and two short story collections.

Some of his best-known books include *Zigzag Street*, *Bachelor Kisses* and *Perfect*

Skin. The success of the books allowed him to concentrate on writing full-time in 1998.

He won the Queensland Writers' Centre's Johnno Award in 2001 and a Centenary Medal for service to the arts in 2003.

Dr Earls is a member of the State Government's Creative Industries Leadership Group and is ambassador for the Australian arm of aid organisation War Child.

Collaborative fundraising anthologies for War Child raised around \$3 million and in 2001, Dr Earls visited Kosovo to see how the money was being spent. He became founding chair of the organisation's Australian arm in 2002 until this year when he became Australian ambassador.

Ms Nolan, who holds a Bachelor of Arts with Honours (1998) from UQ, studied community development in India with Community Aid Abroad and her policy interest areas include environment, energy, security and economic policy.

A former UQ Senator, she is a member of the Parliamentary Amnesty Group and also co-convened Emily's List Partnerships in Equity Network, an organisation working to support Indigenous women to be elected into Queensland Parliament.

She recently co-founded the Ipswich Women's Development Network which established the Heather Bonner Scholarship to assist a young woman to go to UQ Ipswich. She served on UQ's Ipswich Community Advisory Committee and the committee advising The Boilerhouse, Community Engagement Centre.

The Boilerhouse oversees projects including a Health and Wellbeing Strategy for West Moreton involving government agencies working together for better outcomes, young migrant and refugee mentoring, and community engagement standards and benchmarks for Australian higher education.



Ms Nolan



Dr Earls



CHILEAN TRAILBLAZER IS INTERNATIONAL ALUMNUS

Australia's first Chilean PhD graduate and current President (Vice-Chancellor) of the Universidad Austral de Chile, Professor Victor Cubillos Godoy, is UQ's 2006 *International Alumnus of the Year*.

Professor Cubillos has been a pioneer for Queensland and Australian education in Latin America, particularly the development of key research collaborations between UQ and Chile in agriculture and veterinary science.

He completed English Language Intensive Course for Overseas Students (ELICOS) studies and a PhD program in animal pathology at UQ from 1980 and 1987 with his academic career at the Universidad's

Institute of Animal Pathology this year culminating in his election as Rector.

Rectors in Chile are elected by fellow academics so it is a very high honour and a fitting tribute to Professor Cubillos's expertise and leadership in veterinary science.

Originally enrolled at an American university for his PhD studies, Professor Cubillos switched to UQ after becoming convinced it was the best university in the world at which to study animal pathology.

He was later awarded the Ernest Singer Postgraduate Research Scholarship to help fund his studies.

He was one of the first three ELICOS students at the Institute of Continuing and TESOL Education (ICTE-UQ) in the early 1980s and later became Australia's first PhD graduate from Chile.

REFERRAL PROGRAM

Friends and family of international graduates have an opportunity to study at UQ as part of a new referral program.

The UQ International Alumni Referral Program provides a number of special benefits to friends and family referred to UQ by graduates.

Under the program, referred friends and family pay no application fee (a saving of \$50) and receive prioritised application processing.

They also have access to a dedicated online enquiry form with a guarantee of a one-day turnaround on enquiries.

Graduates need to provide referees with their full name and UQ student ID number and ask them to complete the enquiry form online.

The form can be found at www.alumni.uq.edu.au/international/referral

TOMORROW'S DOCTORS

UQ's School of Medicine is delving into nearly a decade of statistics to reveal how well its students are selected, educated and perform as they train to become doctors.

Researchers with the three-year *Tomorrow's Doctors* project aim to give the school a clearer view of future training needs by analysing students' progress.

Project Research Fellow Dr Haida Luke said she expected her group's research would justify the quality of UQ's medical training by identifying the needs of medical students and correcting any unprofessional behaviour.

UQ medical student data has been collected since 1997.

"We're looking at all the data the Medical School has been collecting and we are publishing papers on how our UQ graduates come in, how well we train them and their quality on graduation," Dr Luke said.

"We want to select a wide range of students who are appropriate for medicine and so we address the needs of the medical workforce for many years to come."

The results should be known by February.



Dr Luke

+ BENEFACTIONS 2006

Your generous support each year ensures UQ can continue to deliver teaching and research of interest and significance for the wider community. To those who have made donations this year and in the past, our thanks for the projects and students you have supported with your contributions.

Following is an edited list of those who have donated to the University between January 1 and October 31, 2006.

Family, Pet City, Pfizer Australia Pty Ltd, Pharmacy Guild of Australia, Port of Brisbane Corporation, Preceptory and Priory of QLD St John, Prevent Blindness Foundation Limited, Property Rights Australia Inc, Provet Queensland Pty Ltd, PSP Support Australia Inc., Queensland Environmental Law Assoc Inc, Queensland Medical Laboratory, Queensland Murray Darling Committee Inc, Rotary Club of Alice Springs, Rugby Union Foundation Trust, Sanofi – Aventis, Schering Plough Pty Ltd, Serono Australia Pty Limited, Silver Cross Lodge No. 17 UGLQ, Spinal Cure Australia, The Alumni Association of The University of Queensland Inc, The Australian Computer Society Foundation Limited, The Intelligent Investor Distribution Pty Ltd, The Religious Society of Friends (Quakers), The Schizophrenia Fellowship of South Queensland, Toowong Private Hospital, Townsend Machine Tools Pty Ltd, Traffic Camera Office Social Club, Vasyli International, Vetcetera Pty Ltd, Warner Village Theme Parks.

Bailey, Kenneth Baird, Beth Baker, Natalie C Baker, Shirley Baker, James Alistair Robert Ball, Jared Stephen Ball, Sheryl C Ballesty, Yuslikha K Wardhani Banani, David Geoffrey Banney, Monica-Constanta Barbu, Carmen Barkell, Elizabeth Barker, Geoffrey Thomas Barnes, Margaret Jean Barram, Donald Steele Barrett, Ken Barrett, Jennifer Ann Barry, Mavis Lorraine Barter, Gregory Ross Bartlett, Paul Benedict Bartley, Robert Stanley James Barton, Alexander Baruksopulo, Barry Ronald Barwick, Kay Enid Basford, Helen V Bashir Crane, C A Bates, Melita Ann Bates, John Alexius Bathersby, Walter Battig, Philip Francis Baxter, Geoffrey James Alexander Bayliss, Richard Fairweather Beale, Lyn Beard, Deb Beaumont, Kay Bedford, Gloria June Bedson, Nancy Alison Beer, Neville Beer, Peter Rolf Beiers, Hugh Forsyth Bekkers, Susan D Bell, Sue Belsham, Anna Bemrose, A J Bennett, Robert Owen Bensley, Kathleen Ann Berg, Tracy J Berger, Belinda Bern, Colin Berndt, Glenise Carol Berry, Marie E Berry, Owen James Berry, John Marco Bertei, Alan Robert Brown Beswick, Suresh K Bhatia, David E Bibby, Arvids Elmars Biela, James Christopher Birkmanis, Harold Gilbert Bishop, Melanie Bishop, Wendy Marion Bisset, Ann Carolyn Black, Lynette June Black, Bruce Walter Blaikie, Paul Raymond Blake, Susan Mary Blake, Sarah-Jean Blinco, Anthony Arthur Crampton Blue, Suzanne M Bogan, Alfio Bonaccorso, Graham Walter Bond, Michelle Bond, Sung Mei Helen Bong, Frances Jane Bonner, Nancy Bonnin, Beverley May Bonning, Anthony Gerard Booth, Edith Bor, Jessica Mary Bosanquet, Joyce Mary Bostock, John Boswell, Robert Keith Boughen, Glenda Mary Bouvier-Berthet, Maureen Helen Bowen, G Bowhay, Francis N Bowling, William Donald Bowness, Manus Boyce, William Henry Boyce, Anastasios Bozikis, Catherine Helen Bradbear, Danakai Bradford, Donald Bradley, Robyn Brady, Susan Margaret Brady, Christopher Robert Braithwaite, Jennifer Braithwaite, Tanya Anzula Brich, Jennifer Maria Brennan, Robert Andrew Creeth Brice, Eileen Bridges, Priscilla Winifred Brilliant, Roderick Hugh Brilliant, Alan George Brimblecombe,

ORGANISATIONS

Abused Child Trust, AMPLA Ltd, Australian Dental Association (QLD Branch), Ball FloraPlant, Barclay Mowlem Construction Ltd, Bayer Australia / New Zealand, Biogen Idec Australia Pty Ltd, BQC Quarries, Brisbane Lions Australian Football Club, Bronlie Constructions Pty Ltd, Carers Australia, Centenary Classic Mercedes-Benz, Central Veterinary Surgery, Cooper Reeves, Dentistry Alumni, DJ Builders Pty Ltd, Doug Slack Foundry, Emerald Group, G James Australia Pty Ltd, GRM International Pty Ltd, Hopgood Ganim Lawyers, Index Group of Companies Pty Ltd, ip-tek pty ltd, JT-Press, Ken Duncan Panographs Pty Ltd, Lyppard Holdings Pty Ltd (Qld), Mack Trucks Australia Pty Ltd, Macleay Tower & Villas CTS 24663 Body Corporate, Macquarie Bank Foundation, Mallesons Stephen Jaques, Marfan Association of Australia Queensland Branch Inc, Mayohealthcare Pty Ltd, Mazda Foundation Ltd, Minter Ellison, N Stenning & Co Pty Ltd, NF Clark Pty Ltd, Novartis Pharmaceuticals Australia Pty Ltd, Novo Nordisk Pharmaceuticals Pty Ltd, Oakey Veterinary Hospital Pty Ltd, Parkinson's Queensland Inc, Pennell

INDIVIDUAL DONORS

Cheryl J Abbott, Prosper Y Abusah, Daphne Ackerly, John Dugald Adams, Marjorie Robyn Adams, Peter G Adams, Kevin Philip Agius, Michael John Ahern, Maureen-Mary Gardner W Aitken, Emina Ajanovic, Mohammad Alauddin, Lauren Simone Aldridge, Chris Alexander, David Muir Allan, Desmond John Allen, James Kenneth Allen, Penny Allen, James L B Allsop, Susan Joan Andersen, C A Anderson, E D Anderson, James Leonard Anderson, Paul Edmond Anderson, Daphne Andon, Hazel V Andrew, Kevin Wei-boo Ang, C Ansell, Owen Ansell, David Gordon Anthony, Faheem Anwar, Sakiko Aotani, Toshiro Arai, Donald James Argent, Sav Aristides, John David Armstrong, Gwendoline Patricia Arnold, Roland James Arnold, George Giorha Arzey, Harry Raoul Asche, Neal Mark Ashkanasy, Isabelle Mary Ashton, Aylar Assadi, John Gwyther Atherton, Elizabeth Ann Atkinson, Rodney Victor Auer, David Austin, Kameswara Rao Ayyalaraju,

Anne Bachelard, Lynne May Badger, Naomi

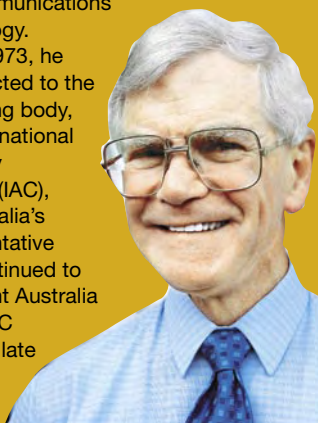
LIFETIME ACHIEVEMENT

UQ Electrical Engineering graduate Dr Clemens Pratt received a Lifetime Achievement Award from the International Teletraffic Congress (ITC) in August.

Teletraffic engineering deals with the theory and practice of traffic such as phone calls, faxes, data transfers and text messages in telecommunications networks, and ensures they can handle demand.

Dr Pratt, who graduated in 1959, first attended an ITC in Paris in 1961, while en-route to London to study for his PhD in the specialised area of telecommunications technology.

In 1973, he was elected to the governing body, the International Advisory Council (IAC), as Australia's representative and continued to represent Australia in the IAC until the late 1990s.



Premier Beattie (third from left) with Tara Cheyne, Scott Casey, Christine Stubbs, Professor Servaes, Clare Atkinson and Shannon Molloy.

JOURNALISM TURNS 85

The impact of digital journalism, recognition of an international human rights advocate, and a "grilling" of Queensland Premier Peter Beattie by students were highlights of 85th anniversary celebrations for the UQ School of Journalism and Communication on September 22.

It is the longest established journalism school in the country, and one of the oldest in the world.

Acclaimed television journalist, host of the ABC's 7.30 Report and UQ Adjunct Professor, Kerry O'Brien, helped facilitate a day-long program of events to mark the anniversary.

Head of School Professor Jan Servaes said the anniversary provided the industry and public with a rare opportunity to consider the future of journalism.

"The news media and the communications

technology are very different to when journalism studies commenced at UQ in 1921," he said.

"But the basics of good journalism that serves the community through accurate and fair reportage has not changed."

Mr Beattie opened the day's program and later agreed to be questioned by journalism students.

Highlights of the anniversary included:

- An industry panel discussion on the impact of online and visual journalism;
- An alumni dinner;
- The presentation of the inaugural Communication for Social Change Award (see adjacent story);
- A media conference featuring UQ student journalists and the Queensland Premier; and
- An exhibition of the history of Australian journalism *Historic Newspapers and Headlines* at the Brisbane Commissariat building.

Carmel Brinkley, Alan Brissenden, Neil Thompson Britton, John H Brook, Roseanne Brooks, Muriel Joan Brough, Allison Margaret Brouwer, D Jean Brown, David Brown, Iris Frances Clarice Brown, James Kenneth Brown, Kenneth Symington Brown, Malcolm John Brown, Moira Patricia Brown, Rodney Keith Brown, David Albert Stanley Brownsey, Dorothy Bruce, Michelle Bruhn, Joan Helen Bryan, Margaret Lesley Bryant, Michael John Bryce, David Thomas Buchanan, Geordie E Buchanan, V Buck, Tony Burchardt, Maree Anne Burke, Sharon Lee Burke, Sheena Lesley Burnell, Mark Burnett, R G Burnett, Donald Grosvenor Burnside, William John Bygott, Marie Frances Byrne, Mavis Gretorex Byrne, Rhonda Byrnes

Peter John Cairns, Victor James Callan, Glen Ann Cameron, Helen Mary Cameron, Suzanne Letitia Cameron, Danielle G Campbell, Kenton Stewart Wall Campbell, Joyce Winifred Capra, Christine Lynelle Carbery, Alan David Carmichael, Gary Peter Carter, Robert James George Carter, Dorothy Susan Cassidy, Margaret M Cassidy, Sue Cassidy, Catherine Ravelle Cassie, Helen Cassimatis, Meret Cassimatis, Anthony George Gordon Caston, Carole Ann Caswell, Stanley V Catts, Rachel Katrina Cavanagh, Roslyn A Cerutti, John Chalk, Edna Rose Chamberlain, Elizabeth Chambers, Kin Man Daniel Chan, Po Wai Chan, Peter P W Chang, Stephen Kwong Chee Chang, Larelle June Chapple, Norris Wang Chern, Hazel Margery Chesher, Alfred Teck Yam Chi, Wendy Chignell, Margaret Eveline Child, Wei-er Maurice Chong, Siu Man Gloria Chow, Majella Jane Christensen, Barbara K Christian, Julie

Christiansen, Jonathan Seton Christie, Pamela Helen Christie, Rachael Ann Christopherson, Jenn Chriswick, Poh-Kian Chua, Raymond Arthur Clark, Robyn Louise Clark, Ronald Colin Clark, Peter Clark Ryan, Anne Victoria Clarke, Drew Ross Clarke, Robert Garth Hipkins Clarke, Peter Martin Gerrard Cleary, Ross Clelland, Robert Leslie Clem, Simon Thomas Edward Coates, Benjamin Coplan Cohny, Gillian Joan Colasimone, Michael Francis Colby, Norman Coldham-Fussell, Ian Norman Colledge, Albert John Collier, Katherine Clare Collins, Robyn Anne Collins, David Noel Collyer, Rachel Maree Collyer, Samantha Colson, John Anthony Comerford, Nicholas John Comino, Victoria Gramateke Comino, Jill Common, Ellen Mary Connolly, William Graham Earnshaw Cooksley, Jonathan C Cookson, James Edward Coombe, Catherine Mary Cooney, Marilyn Cooper, Michael James Thomas Copley, Mervyn Victor Cowie, Cecily Cox, Anita Joan Coyer, Sean L Craig, Kent Crawford, John Dominic Creagan, Olga Maria Creevey, Murray Arthur Creyton, Robyn Crimmin, Peter T Crook, Graham J Cross, Genevieve Beale Crossan, Bevan Howard Crossman, William David Crossman, Betty Crouchley, June Cullen, Peter Joseph Cullen, Hector Alan Urban Cunneen, Debra Kay Cunningham, Stephanie Yvonne Cunningham, Susan Mary Currie, Roslyn Gaye Curtis, Owen Joseph Cusack, Deidre Glenis Cussen, Christopher Cutmore, Timothy Czajkowski

Leigh Dale, Katrina Helen Dalzell, Therese Catherine D'Arcy, Graeme Darken, Roy Darnell,

Pamela Winifred Davenport, Dorothy Eileen Davidson, George Neville Davies, Llewellyn Maitland Davies, Col Davis, Fred Davis, Harry John Davis, Julia Pauline Davis, Peter Leigh Davis, Vincent John Davis, Kenneth Dawson, Noel MacLean Dawson, Nancy Barbara Day, Frances Marjorie De Glas, John de Lange, Elizabeth De Lisle, Sylvia Kristina De Michiel, E Gail de Planque, Iris L Dean, George Alfred Deane, Lisa Deecke, Alan George Demack, Alana Leanne Dempsey, Randal Jon Dennings, Noela Dennis, Wendy Ruth Dent, John Popham Deshon, Andrea Devine, Justine Monica Devlin, Ron F Diamond, Michael Joseph Dibartolo, Gail Dickason, Kerry Maree Dixon, Patrick L Dixon, Raymond Cecil Dodd, Ronald Ernest Dolby, John D Donnison, Michael Francis Xavier Donoghue, Bill Dorham, Jarrod Dorham, Celine Dougherty, Neil Douglas, Callum Ryan Doull, Peter John Dowling, Abigail Jayne Downie, John Alfred Dowsett, Gerry M Doyle, Theresa Bernadette Draper, M R Drury, Roger du Blet, Dennis Kenneth Dubetz, Heather Dubrow, Ian B Dugan, Beatrice Mary Duggan, Russell Edward Vaughan Duigan, Ruth Duncan, Erica Dunham, Hector Lockhart Dunn, Marian Grace Holmes Dunn, Anthony Joseph Dutton, Neville Lawrence Duus, James Dyer

Mervyn John Eadie, Susan Earl, Anne-Louise Dorothea Easey, Ruth Eastment, Denise Terence Edwards, Edna Beverley Edwards, Fay Dawn Edwards, Henry Murray Edwards, Janet E Edwards, Shirley Dawn Edwards, Charles E Elliott, Myrtle Fay Elliott, Kay Elsdon, Colin Gregory Elworthy, Bryan Thomas Emmerson, Philip Grant

ADVOCATE AWARDED

A Thai woman battling Thailand's government and corporate sector freedom has received the inaugural UQ Communication and Social Change Award.

Supinya Klangnarong, General Secretary of the media advocacy group *Campaign for Popular Media Reform* won a US \$10 million defamation case brought by telecommunications giant *Shin Corp*.

Shin Corp was founded by Thailand's then Prime Minister Thaksin Shinawatra and owned by his family. In early 2006, the family sold its 49 percent share.

The defamation suit followed comments by Ms Klangnarong that *Shin Corp* profits soared after the Prime Minister's election.



Esdale, Catherine Anne Evans, Gail Evans, Peter William Faenor Evans, Russell F Evans, Malcolm Alfred Ewart, Peter John Ewing, Sharon Lee Ezzy

Robert Forsyth Farmer, Neil Douglas Farquhar, John Forrest Farry, Melanie Jean Fedrick, D J Feldhahn, Sarah Ferber, John Alexander Ferguson, William Trethowan Fifoot, Jose Sylvio Figlioli, John William Filewood, John Stuart Findlay, Margaret Helen Findlay, Francis James Finn, James Patrick Finucane, A Fitzgerald, Diosma D Fitzpatrick, Kenneth Wayne Fitzsimmons, Ken Flanders, Max Flanagan, Olwyn Patricia Fleming, Rhoda Elizabeth Fleming, Rosanne Mary Fleming, Ian Thomas Florence, Lynda Irene Flower, Leslie Anthony Fodor, Phillip John Follent, Ralph Fones, David Si Hun Foo, Brian Douglass Foote, Suzanne Hardwick Foote, James William Fooks, Michael Ford, Alan Clark Foreman, Roscoe Wallace Foreman, A M Forsythe, Robert Allan Fortier, Richard Allen Fotheringham, June Marion Fox, Peter Frederick Young Fox, Harold Alexander Bell Foxton, Marianne Francey, Steven James Francis, David Arthur Franks, Dianne Marie Fraser, Florence Mary Fraser, Gregory Fraser, Ian Fraser, Ian Hector Frazer, Anne Lawrie Frederick, Gaye Rosina Freeman, Meredith Louise Ruth Freeman, Creina Ernestine Friend, Amy Claire Froome, Robert William Fulcher, Ronald H Fuller

Hilary Jane Galbraith, Michael John Gallagher, M J Galletty, Anthony John Gallo, Paul Galvin, Chiew Thong Gan, Ian Robert Gardner, Sarah Louise Garvey, John Gordon Gazley, Carolyn R George,

Ian Douglas George, Lynette Merryl George, Bernard Cecil Gerber, Carol Joan Gerrard, Clive Conrad Gesling, Rahman Ghani, Queenie May Gibbins, Margaret Joy Gibbs, Rodney Gibson, Rosslyn M Giles, Sharon Christine Gillard, Lynette May Gillbard, Judith Mary Gillespie, Kerry Margaret Gillespie, John Marius Harold Gillett, Ailsa Jean Gillies, Maureen Gilmartin, Barbara A Gilmore, Carolyn Gilvear, Nicholas Stephen Girdis, Sandra Louise Girgenti, Anthony Henrick Glad, Noel John Glasgow, Margaret Glynn, Joan Estelle Godfrey, Hwee Mian Goh, Winnie Wei Ling Goh, J & E Gold, Alison Vera Goleby, Jason Andrew Good, Peter William Goodenough, Anita Nancy Gordon, Benedict Ronald Gordon, Raymond Bruce Gordon, Patricia Delice Goss, Nanette Rae Gottlieb, Mark David Gould, Neil Milne Gow, Barbara Rose Graham, Daniel Joseph Graham, J V Granger, Suzanne Grano, Jennifer Anne Grant, Judith Helen Grassle, Andrew Michael Gray, Jannina Gray, Jennifer Gay Gray, Suzanne Veronica Gray, Jon Dean Grayson, Alison Green, Hazel Green, Margaret Watt Green, Paul Alister Green, James Sydney Greenbury, Robert William Greenelsh, Joanne Greenhill, Andrew Peter Greenwood, Judith Ann Greenwood, Lee Westbrook Gregory, Peter Michael Gresshoff, Rosalyn Gresshoff, Jillian M Griffin, Leanne Griffin, Richard Grilliot, Donald Grimley, Ross Herrick Grimley, George Robertson Grimmett, Judith Frances Grimshaw, John Matthijs Theodor Groenewegen, Barbara Delphine Groves, Mark Harris Groves, Alan Albert Campbell Grummitt, Ying Gu, Neville J Gurgo, Sigrun Kirsten Gutjahr, Merle Margaret Gynther

David J Hadden, Graham Robert Hadden, Peter Donald Hadgraft, Harry Maurice Haenke, Patricia Debonnaire Haggard, Bronwen Hall, G D Hall, Merelie Jean Hall, Norman Richard Hall, Valerie Canberra Hall, Peter John Halley, Dorothy Enid Hambrecht, Victoria Hamilton, Julie Margaret Hammer, Oriel E Handley, Cindy Hannam, Barbara Hansen, Rex Hansen, Frederick Clive Hanson, Ian Russell Hardie, Denis Hare, Jean Elizabeth Harper, Helen Harris, Joan Harris, Laureen Gay Harris, Margaret Harris, Michael V Harris, Susan A Harris, Trevor John Harris, Dean Charles Harvey, Neal Anthony Harvey, Richard Hugh Harvey, Elsie Harwood, Fay Hassell, Ruth Maureen Hastings, Donald R Haupt, Lawrence Neil Hawes, Naida Jean Haxton, John Anthony Hay, Linda Marie Hayes, Owen Hayes, Susan Wenda Hayes, Robyn Sue Haynes, Alan Christopher Hayward, Jonathan Heales, W J Healy, Roger William Heath, Joan Macedon Heatley, John Barrie Heaton, Mark Stephen Heers, Bruce Heiser, Kathryn Hemingway, Ross Henderson, Jo-Anne Vivienne Henry, Edward Frederick Henzell, Rosalind M Herron, Adolphus Marcus Hertzberg, David William Higgins, Michelle Higman, John Alexander Hill, Brian Hills, Ralph Steven Hilmer, June P Hilton, Paul William Hilton, W L Hinchliff, Ian Marcus Hinrichsen, Margaret Evelyn Hirst, Tomoko Hitomi, Peter Tak Sum Ho, David Hobson, Mary Veronica Hodda, James George Patrick Hodgson, Denis Hoffmann, Beryl Hogan, Dorothy Jean Hogan, Peter James Holbrook, Lindsay Ailsa Hollingworth, Kay Holloway, Nick Holman, Alan John Holmes, Adrian Claude Holt, Robert Allan Holt, Hubert Lindsay Horne, Luke Horsfall, N Horsley, C Barry Horsnell, Beth Howard, Chris Howard, Rita Howard, Graeme John Howatson, Ken Howatson, Ronald John Howatson, Glenn Howell, William James Howley, Bruce Baden Hughes, Catherine Mary Hughes, Keith Leslie Hughes, Leslie Ernest Hughes, Julie Maree Humphreys, Leonard Ross Humphreys, Irene Patricia Hunt, Barry Russell Hunter, Malcolm Nigel Hunter, Rebecca Louise Hunter, Benjamin Mark Huston, George Herbert Hutchinson, Kenneth William Hutchinson, Ray Hutchinson, Alexander Allan Hunter, Edward Forster Huybers, Phyllis Deirdre Hyland

Geoffrey Byford Ilett, Kenneth Frank Ilett, Glen Joseph Ingram, Douglas Elwood Irvin, Marshall Philip Irwin, Alexander Robert Isaacs, Janice Fay Ivey

Desmond G Jack, Alma Jackson, Mary Edith Jackson, Maud Jackson, Stewart Ernest Sandford Jackson, Barbara Winifred James, Francis William James, Robert Thomas James, Dulcie Jansen, Dianne E Jeans, Anne Elizabeth Jeays, Joan Florence Jeffrey, Kenneth Francis Jendra, Gwenda Jensen, Thomas Jensen, Clive Frederick Jentz, Amanda Jane Jewell, Anne Johanson, Arthur William John, Jacqueline Yvonne Johnson, Alison Margaret Johnston, John McAllister Johnston, Lois Johnston, Val Johnston, Audrey Mignonette Johnstone, Daryl Johnstone, Jennette Johnstone, Patricia J Johnstone, Clem Jones, Ian Michael Jones, Kim Jones, Lyndall Margaret Jones, Gregory Colin Jorgensen, Richard Charles Joyce, Kate Joyner, Ellen Maria Juhasz, Gwendolen Anne Jull

Max Mathias Kahn, Rosemary June Kajewski, Michael Charles Kalimnios, K A Kareta, Dominic Henley Katter, Hiroko Kawamura, Ian David Kayler-Thomson, Michael James Keating, Marie Josephine Keen, Alan Keet, Edmond Henry Keir, Barry Leonard Kelly, Dominic Robert Kelly, Jean Diane Kelly, Maralyn Margaret Kenley, Veronica Colette Kennedy, John William Kenny, Beverley Kent, Robyn Kent, John Foxton Ross Kerr, Tempe Keune, Ian Edward Keys, Susan Mary Kiefel, Terence Kiely, Evan William Kilpatrick, Charles Leonard King, Elizabeth King, Gregory Laurence King, Clive William Kingston, Arthur F Kinney, Yvonne Gwenedd Kirkegard, Tetsuo Kishi, Chris D Knight, Keith Edward Knight, Beverley Narelle Knowles, Kelly Koimans, Maree Kopp, Frank Korbl, Isabelita Krause, Maria Kravchenko, Paul Edward Ferdinand Kriedemann, Dietmar Henry Kristensen, Garry Mervyn Kuhn, Vijendra Kumar, Leigh Kurth, Francis Yin Leung Kwan, Wie Han Kwee

Damian Pasteur Colless Lahz, William G Laidlaw, Donald Ian Francis Laing, Kathryn Mai Chi Lam, John Leslie Lamberth, William Ernest Lang, Thomas David Langford, Brett Andrew Lapidge, Neil Leslie Latcham, K W Lau, Mary Laughren, Nickolas Anastasios Lavidis, Jennette Frazer Lavis, Joan Margaret Lawrence, Julie Laws, Winsome Laws, Alan John Lawson, Ann Leahy, Denise Rae Lecatsas, Belinda Jane Lee, Gladys Victoria Lee, Irene Lee, John Francis Lee, Linda Caroline Lee, Roderick K Lee, Su Ling Geraldine Lee, Moses Leiboff, Yvonne Marion Lendrum, Pam Leonardi, Joseph Ignatius Leong, Kasia Virginia Leonie, Mei Han Leung, Vincent Kwok Wing Leung, Naomi Rebecca Levao, Cheryl E Levick, Malcolm Samuel Levitt, Bronwen Ann Levy, Kenneth St Clair Levy, Wesley Grant Lewis, Zdenek Bruno Lhotka, Wing Kin Ken Li, Vincent Peng-Chew Liew, Maija Gunta Liiv, Leann Lilliecar, Yong Seng Lionel Lim, Ann Rebecca Ling, Mark Andrew Linnett, Elizabeth Anne Little, Jack Wilson Littler, Andrew Nicholas Liveris, Owen Neville Lloyd, Anne Helen Lockrey, Jim F Logan, Hoon Sun Loh, Victoria Willoughby Lomax, B D Long, Bradley Joseph Long, Peter Long, Bruce David Keith Low, Clyde Percy Low, Kevin William Low, Robert Michael Lowry, Ding Tom Lu, Keguang Lu, James G Lucas, Ada Cecilia Ludlow, Clifford Robert Lulham, Peter Lye, Stephen Vincent Lynch

Carmel Anne Catherine MacDonald, James A MacDonnell, Justin Joseph Stewart MacDonnell, John Barry MacKay, Elina Mackey, Daphne Maclean, Hamish Ross Peter Maclean, Donald John Macnaught, Jean MacNicol, Ken Madsen, Daniel Henry Maguire, Mohan Maharaj, Kevin Patrick Mahoney, Mary Deirdre Mahoney, Alexandra Katharine Main, Greg Maloney, Catherine Elizabeth Manathunga, Jeffrey Gordon Mann, Clarence Morcom Manning, Francesco



CLASS OF '63 GATHERS

Members of the University's Bachelor of Engineering (Chemical) graduating class of 1963 travelled from far and wide to attend their first reunion at a lunch held at the Staff and Graduates Club at the St Lucia campus in August.

Among the group swapping tales about University and beyond was Roger Batstone, who took time out from his senior executive position with the World Bank to fly from Washington to catch up with his old friends.

Also on hand were Peter Wetherell (Adelaide), Dave Ryerson (Sydney), Brian Olson (Gordonvale), Kev Howell (Yeppoon), Jim McLeod and Ron Miller (Brisbane) and well as former lecturers Emeritus Professor Ted White and Professor Gus Wiles.

From left: Ron Miller, Brian Olson, Dave Ryerson, Kev Howell, Roger Batstone and Jim McLeod

Giuseppe Mantino, Miranda Lee Margetts, R Marjason, Dorothy Margaret Newman Marsden, Ann Marsh, Gwladys Hilary Marsh, Jack Albert Marsh, Janice Marshall, Susan H Marshall, Jeanette A Martin, Mark David Martin, Rina Martina, Merle Mason, Rodney Frederick Mason, Robert William Mathers, Ian Campbell Matheson, Brian L Matthews, John Stanley Mattick, Paul Maughan, Gwen B May, Robert Joseph McAllister, Bruce Gordon McBryde, Barry John McCabe, Mary Rose McCarthy, Alasdair McClintock, Inta Linda McConachie, Stewart Cameron McDermid, David James McDonald, Keith Henry McDonald, Lorna Lorraine McDonald, Leonie Margaret McEniery, Jeffrey Colin McEvoy, Timothy J McEvoy, D W McEwan, David Charles McGiffin, Kate McGlasman, Thomas Edward McGovern, Ian Roderick McGregor, Tim McIntyre, Carolyn McIvor, Susan Beth McKay, Bernard Joseph McKenna, Lachlan McKenna, Judith Ann McKenzie, Moya Dorothy McKenzie, Janet L McKeon, Michael John McKillop, Fay Merrylyn McKinnon, B McLean, Heather McLellan, Mary Terese McLennan, Ian Roderick McLeod, Michael John Adrian McMahon, Mick E McManus, Violet P McNab, Marian Margaret McNicol, Victoria Elizabeth McNicol, John Wesley McPaul, Margaret Edith McPhee, Natalie McPhee, Bruce Harvey McPherson, D W Mecklem, Samuel James Mecklem, Douglas Charles Mengel, Joan Margaret Merrell, Ian Albert Merritt, Nicholas George Mersiades, Elizabeth Alison Merson, Frank Metz, Fay E Meusburger, J Mew, John Robert Mewing, Elizabeth Meyers, John M Michelmores, Reno Konstantin Michnowsky, Rhonda Muriel Middleton, Alan David Mikkelsen, John D Millar, Valda Mary Miller, John Millett, Peter John Millroy, Cabrina Antonia Milne, Desmond Brian Misso, Cathryn Jean Mittelheuser, Graham Douglas Moffett, Madanlal Mohanlal, Steen Laurence Moller, Mick Moloney, Mary Patricia Monro, Vernon Moo, Graeme Geoffrey Duncan Moore, Graham John Moore, Ann Morgan, Cyril W Morgan, Annette Moroney, David Charles

Morris, Kaye F Morris, Oriel Carlin Morris, David Morrison, Philip Hugh Morrison, Alexander Ewing Morrow, Alexander Frederick Morsby, Jeff V Morse, Marjory M Moschioni, Christine Elizabeth Mott, Helen Moye, Rob Moyle, Mark Joseph Mucek, Emma Muhlberger, Christopher Brian Muir, James Campbell Muir, Jamie Mulcahy, Christina Rosa Muller, Gwynneth Sophia Jane Muller, Lawrence Louis Muller, Vivienne Muller, Pauline Mulligan, Debra Ann Mullins, Howard Richard John Munro, Jane Munro, Harry W Murphy, Michael Murphy, Helen L Murray, Lorna Gwendolene Murray, Marvin John Musgrave

Linda Mary Nash, Malcolm Frederick Nasser, Denis Henry Nave, Margaret Mary Naylor, Sara Judith Nedderman, Thomas Neeson, Catherine Anne Nesbit, John Douglas Forbes Nesbit, Cindy June Neville, Ron Newsham, Michelle Katherine Newton, Teresa Neylon, Noelle Marian Cherie Ng, Adam Ngan, Phan Huu Nguyen, Van Hong Nguyen, Vy Uyen T Nguyen, Nicholas John Nicolaides, Robin Geoffrey Hunter Nielsen, Emma Louise Nixon, John C Nolan, Gail Norris, Cassandra Norton, Mirzawan P D Nurtjahjo

Christopher Colin Oates, Andreas Obermair, William Thomas Ockerby, Donald James O'Donoghue, Beverley Anne Oelrichs, Denise O'Hara, Hugo Brian O'Keeffe, Betty Joan Oliver, Chye Huat Ong, Desmond Cheer-Vern Ong, Hwee Keng Ong, Thomas O'Regan, W J O'Reilly, Christine Winifred O'Rourke, Jocelyn-Anne Ort-Saeed, Keith Osborne, Gabrielle O'Shea, Sarah O'Sullivan, Ahmet Otcu, D I G Overton

Katrina Louise Paine, Patricia J Palu, Graham P Papworth, Mary J Parker, Rosemary Parker, Gary Parkinson, Marita Elaine Parkinson, Colin J Paroz, Allan Joseph Pascoe, Melinda Kathryn Pascoe, Margaret Ann Patterson, Yvonne Isobel Pay, Christine Pearce, Patricia Eileen Pease, John Peek, C G Peet, Stuart Philip Pegg, Rhonda Carol Penny, Patricia Mary Pepper, David Joseph Perovic, B K Perry, Leah Perry, Jonathan William de Burg Persse, M Pesk, Lester John Peters,

Stanley Vincent Petherick, Dawn Pethers, Cheryl Jean Petroschevsky, K Petzl, Jacquelyn Louise Phillips, Robert Phillips, Vanda Phillips, Renae A Philip, Kong Boo Phua, Tony Picaro, Harold Stanley Pink, Susan M Pitman, VanDa Margaret Pitt, John Roger Player, Ernest Sin Bin Poh, John C Pointon, James Ross Pollock, Benjamin John Poole, Eva Irene Popper, Gary Michael John Portley, Bryan Frederick Pott, Kit-Ying Cecilia Pott, Malcolm David Pound, Mark William Powell, Jitendra Prabhakar Prasad, Clemens William Pratt, Robert Walker Prescott, Myrla Perla Prianes, Alannah Priddle, Patricia Antoinette Pride, Robert Russell Priestley, Rudolph George Herman Prince, Deborah Margaret Prior, Philip James Procopis, Sumalee Pruksakorn, Kevin Pullen, Doreen M Pulsford, Giuseppe Pulvirenti, Catherine Purcell, Lynn Purches, Colin Charles Purdy, Adrian Pyle

Michael Denis Quinlan, Chel Margaret Quinn

Darryl Rabnott, Faizah A Rae, Sina Raj, John Theodore Ralph, Jacqueline Sinclair Rand, Ross Ian Ranger, Erica M Rasche, Peter Ashley Rasey, Sharon Rasmussen, Robyn Gail Ray, Ruth Marit Read, Rebecca Rees, Claude Augustus Reghenzani, Charles William McWatter Reich, Robert Egerton Reid, Pamela Ryrie Reisner, Warren Douglas Renew, Brigitte M Reuwer, Edward Franz Reye, Mark Henry Rice, Rhonda Aileen Richards, June Cox Richardson, Murray Charles Riches, Margaret Mary Judith Ridley, Olga Riha, Helen Ann Gordon Rimmer, Charles Richard Ringma, Alan Rix, Isaac Emmanuel Roberts, Leonard Vincent Roberts, Richard Alexander Roberts, Sydney James John Cecil Roberts, Philip David Robin, Susanne Pauline Robin, Esme Ann Robinson, Graham Stanley Robinson, John Walton Robinson, Patricia Elsie Robinson, Theresa Elizabeth Robinson, A G Rogers, Arthur Edmund de Norbury Rogers, Barrie Milton Rollason, Joseph Noel Rollings, Mervyn Goldsmith Roper, June Lynette Rose, Debbie Roubin, William John Rourke, Thelma May Rowatt, Judith Rowell, Eleanor Margaret

70 YEAR CELEBRATION FOR LAW SCHOOL

The TC Beirne School of Law 70 year anniversary was celebrated on July 12 and was attended by 10 of Mr Beirne's grandchildren.

TC Beirne was a Brisbane businessman whose generous donation facilitated the creation of a separate Faculty of Law at UQ in 1936. He was made Warden of the University in 1927.

This year's anniversary was celebrated with the launch of a book on the history of the School. Guests included Queensland Governor Quentin Bryce, Chancellor Sir Llew Edwards, Vice-Chancellor Professor John Hay, Queensland Chief Justice Paul de Jersey and Justice Glen Williams.

Head of the Law School Professor Charles Rickett acknowledged the obligation on current students and staff to maintain the tradition of academic excellence and to support the institution of law as past students and staff had done.

"The current high level of achievement within the Law School through



From left: Barbara Hay, Vice-Chancellor Professor Hay, Justice Ian Callinan, Queensland Governor Quentin Bryce, Professor Rickett, Chief Justice Mr de Jersey, Chancellor Sir Llew Edwards and Kaye de Jersey.

outstanding moot competition success, an unprecedented number of Rhodes scholarship recipients and quality research outputs augur well for the future of the school," Professor Rickett said.

Copies of the commemorative historical book are available from the Law School Office. The book costs \$22.



Rowley, Robert William Rowlings, Bruce Norman Runneger, Gillian Russell, Lisa Ryan, M Ryan, Mark Thomas Ryan, Patricia Vera Irene Ryan

M H A Sacoer, Tiffany Hea-Young Sagorski, James Herbert Saint-Smith, Peter Salthouse, Jessie M Sandeman, Geoffrey Huey Sattler, John MacDonald Saunders, Kay Elizabeth Saunders, Roslyn Margaret Saunders, Matthew Savage, Yuki Michele Sayeg, Judy Scaddan, Leonard John Scanlan, Elizabeth Anne Scarce, Cornilious Schalkoort, Claire Mary Schmidt, Janine Betty Schmidt, Margaret Rosemary Schofield, Anne Marie Schomberg, Graham Norman Schroeder, Robert Jeffrey Schubert, Christopher Robert Schull, Christopher John Schultz, Claire Annette Schwarz-Hoey, Kelly Schweida, Simon Scott, Kenneth Yat Fun Seeto, Suzanne Mary Sellwood, William James Semple, Rafael Sendra, Heng Hock Jason Seow, Gisela Josephine Sterco, Brian Christopher Shanley, M Shannon, Richard George Shaw, Brian Francis Sheahan, James Joseph Sheehan, Kathleen Monica Mary Sheehy, Kay Joyce Shelton, Lillian Faith Shelton, Tom Farquhar Shepherdson, Irene Sherevera, Helen Susanna Sherriff, Haiwei Shi, Gaie Short, Brad Shulman, John Edward Siemon, Rosamond Maud Walden Siemon, Stanley Robert Siemon, Lo Tan Sim, Kathleen Winifred Simmons, Robin Marshall Simms, Roz Sing, Sarva Daman Singh, Thea Sitcheff, Elizabeth Erica Skerman, Stephen George Skippen, Val Leonard Smart, Timothy John Smetham, Carmen Lorraine Smith, Gregory Bernard Smith, Michael Anthony Smith, Morgan Pierce Smith, Shayna Lyndall Smith, Barry Anthony Smithurst, Stephen Phillip Smykowski, Francis George Smyth, G B Somasundaram, Lorna Kay Sommerfeldt, Fay Southcombe, Lucas Souvlis, D W Sowden, Leonard A Sparkes, G R Spence, Catherine Squirrel, Barbara Helen Stace, John Stacey, Heather G Stahmann, L S Staines, Ann Stal, David Alexander Stanton, Mary Staples, G Stapleton, Patricia Stapleton, Henrik Steenberg, Mark Gregory Stephens, Malcolm Stephen Stevens, Beverley Jean Stevenson, Ann

Stewart, Cameron Alexander Stewart, Eric John Sticklen, Katharine Anne Stodart, Robyn Margaret Stokes, Delma Jean Stollznov, Pamela Stoodley, David Lawrence Storer, Colin George Story, John Douglas Story, Elisabeth Stough, Michael Stowasser, Elizabeth Rose Strakosch, Jennifer Strong, Christopher Luke Stubbings, Jennifer Sugars, Graham Sweeney, Mary Denise Sweeney, Robert Stanley Swift, Steven Vajk Szokolay

Ronald William Tabley, Saul Tager, Mina S C Tang, Tuck Kim Tang, Christopher Peter Tanos, Julie Ann Tapping, Eric John Taylor, George Arthur Taylor, Ian Michael Taylor, Patricia Elsie Taylor, Jeffrey R Teague, K T Teo, Deborah Jane Terry, Anne Cecelia Thacker, Helen Margaret Theile, C H Thiele, Glen Joseph Thomas, Richard Graham Thomas, Yvonne Cerna Laura Ives Thomas, Michael Bertram Thomasson, Harry Edward Thompson, Joyce Marion Thompson, Deborah Michelle Thomson, Allan Angus Rodney Thorburn, Anthony Guy Thwaites, Margaret Anne Tiainen, Mary J Tidey, Christopher Michael Tiffin, D G Timmins, Joseph Yuk Sang Ting, Trudi Jane Tobin, Sandra Tomlinson, Joanne Elizabeth Tompkins, Judith A Tong, Linda Jane Tong, Anthony B Toohey, Alfia Tornabene, Christine Ellen Tracey-Patte, Douglas Moffat Traves, Paul Alexander Treanor, Judith Anne Trevan-Hawke, Roger Stewart Trundle, Christine Margaret Truscott, Yi Hua Eva Tu, J M Tucker, Graham Harold Tuckett, Thelma Caroline Turner, Janette Theo Turner-Hospital, Asfima Aisya Tusin, Margaret A Tweedie, Edward John Twomey

Anne B Udy, Norma Dorothy Uhlmann

Vaea, A Valastro, Dorothea Maria Van Hees, Stephanie Hilda Anna Van Horck, Elizabeth Vandeleur, Kevin William Vandeleur, Vincent John Vandeleur, Christopher Vane, Carolyn Ann Van-Egmond, Frank Vecchio, Lynne Vermeer, Gregory John Vickery, Mark Alexander Vilgan, Michelle Voevodin, Zdenek Volek, Marie Vorhauer, Kim-Dung Vu

Lynn Wales, Annette Kathryn Walker, B A

Walker, D M Walker, Daryl Mac Walker, Ross Jonathan Walker, Sylvia Amy Beverly Walker, Wendy Walker, Nerilee Ann Wall, Richard Harry Wallace-Barnett, Bruce Murdoch Wallis, Stanley Maurice Walsh, Kevin David Walters, Bevon John Walton, W Wang, Susan Ward, Elizabeth Jane Ware, Frances Margaret Ware, Mary Catherine Ware, Kathleen Marie Warner, Barbara Ruth Warren, Elaine Dorothy Waters, Bruce Dunstan Watson, Catherine Elizabeth Watts, Dorothy Jane Watts, Ronald Ian Waugh, Dorothy May Webber, Judith Ann Weedon, Christopher Ross Weekes, Thomas Arthur Weir, Marcia Weiss, Cheryl Weller, Robert Neilson Wensley, Anthony John Wetherell, Malcolm Keith Wham, Kathleen Maree Wheeler, Philip Whiley, Alan Nelson Whitaker, Sue V Whitaker, Margaret Jean White, Olive Nellie Noella White, Patricia White, Susannah Jane Whitney, Nerine Whittingham, Dawn Whyte, W James Whyte, Alan Ernest Wickham, Putri Aryacitra Widyastri, Jasmine Enid Wilding, Ian Stuart Wilkey, Jacqueline Helen Wilkinson, Irene Willett, Anita Brigita Williams, Bill Williams, Clive Williams, Edward Stratton Williams, Glen Norman Williams, Sheila Williams, Ian Willoughby, Ailsa Jane Wilson, Arthur Wilson, Helen Jeanette Wilson, Ian Brownlie Wilson, Ian Stuart Wilson, Joy Wilson, Kenneth Peter Wilson, Margaret Anne Wilson, Shirley Ann Wilson, Deborah Leigh Winkler, Arnold John Winter, Meryl Elizabeth Witty, David Jankiel Wluka, Coral M Wolff, Jane Frances Wolyncevic, Khoon Yoong Wong, Norman Wong, Martin John Wood, Margaret Mary Woodham, Peter Woodward, Margaret Wren, Scott Shannon Wright, Suzanne Moya Wright, Jincheng Wu, Mary Ruth Wyattte

Paul Anthony Xavier

Anthony N Yeates, Julie Yeoman, Charlie P Yorke, Frank S Youngleson

Judith-Ann Zacka, Scott Zaluda, Jie Zhang, Mervyn Joseph Felix Ziesing, John William Zillman, Ian Raymond Zimmer, Kevin Anthony Zuvela, Nikki Genevieve Zuvela



Maxwell Gaylard, who was appointed Director of the United Nations Mine Action Service (UNMAS) in February, is optimistic that the hidden dangers of landmines can be eradicated within the next 40 years.

"What I like about the challenge is it is something I can see an end to. The thing about landmines is that the problem can be fixed," Mr Gaylard said.

The former Emmanuel College resident, who graduated from UQ with a Bachelor of Arts with honours in 1968, has been with the UN for nine years, working in countries that have been badly affected by landmines. He has seen first-hand the devastation they cause.

Mr Gaylard was previously the UN Resident and Humanitarian Coordinator for Somalia and Sudan and was UN Deputy Humanitarian Coordinator for Iraqi Kurdistan.

"It's a day-to-day learning experience – there is always something you see that you didn't think was possible or you didn't think could happen," he said.

"The mines are a symptom of much wider issues such as fractures not only in government but also in society."

Landmines injure or kill between 15,000 and 20,000 people annually.

"There are about 80 countries that are affected, or 'infected'. Of those countries, the UN is present in virtually all and is involved in mine action in 30," Mr Gaylard said.

TREADING CAREFULLY ON A GLOBAL ISSUE

Many countries aren't just affected by landmines; they are infected, according to a UQ graduate charged with the task of clearing these deadly remnants of war.

// By Chris Saxby.



“ WHAT I LIKE ABOUT THE CHALLENGE IS IT IS SOMETHING I CAN SEE AN END TO. THE THING ABOUT LANDMINES IS THAT THE PROBLEM CAN BE FIXED”

The buried ticking bombs waiting to maim and kill after the battles are over and the war has ended (left). PHOTOS: courtesy UNMAS and UNMACA. Mr Gaylard (above).

UNMAS was formed in 1997 to serve as the UN focal point for mine action. It is responsible for coordinating all aspects of mine action within the UN system, including providing assistance during humanitarian emergencies and peacekeeping operations.

It has operational centres in Congo, Sudan, Afghanistan, South Lebanon and on the border of Eritrea and Ethiopia.

Mr Gaylard said UNMAS's work was more than removing landmines from the ground. It included actions ranging from teaching people how to protect themselves from danger in a mine-affected environment, to advocating for a mine-free world.

He also stressed mine issues were not just about the actual landmines. In many countries, unexploded ordnance (UXO) pose an even greater threat to people's safety. UXO comprises bombs, mortars, grenades, missiles or other devices that fail to detonate on impact but remain volatile and can kill if touched or moved.

“The effect of mines is much more than just killing people, for example, it also ties up agricultural land,” he said.

“There are villages in southern Sudan now, where there is a peace agreement, and there are mine belts around these towns.

“Now peace is returning to these areas, people are coming back and they are being blown up.

“So there are a lot of issues involved, not just social and humanitarian, it's also a development issue.”

Mr Gaylard said Australia was playing its part in helping solve the problem.

“The Australian Government has been very generous, allocating \$75 million over five years,” he said.

Mr Gaylard said there was something about the Australian character that promoted a sense of justice and fairness among the international community.

“Australians are very good at what they do overseas, they relate easily, have a work ethic, want to get things done and are very operational,” he said.

“Australians are doing their bit in surprising numbers.”

And Mr Gaylard, who is based at the UN headquarters in New York, can be counted among those Australians working in various locations around the world to help bring stability to countries affected by war and tragedy.

After graduating from UQ, Mr Gaylard went straight into the Department of Foreign Affairs (then known as the Department of External Relations).

He served on the staff of Australia's Foreign Minister (and later Prime Minister) Sir William McMahon from 1970 to 1971 and was posted to Mexico from 1972 to 1975 and Burma (now Myanmar) from 1978 to 1980.

He also served with the Australian Army in Malaysia and Singapore (1969–1970).

Mr Gaylard represented Australia as High Commissioner in the Solomon Islands from 1985 to 1988 and Deputy High Commissioner in Singapore from 1983 to 1985. From 1988 to 1996, he was the Director of International/Political Affairs with the Commonwealth Secretariat in London.

He said his diplomatic experience had helped him get to the core of the landmine issue, which was the people directly affected.

“In dealing with the mines problem you have to deal with the communities, so a lot of the grassroots effort involves talking to the communities about their problem,” he said.

“The people in the villages and towns want these things disposed of. Children are being blown up, they can't play, they can't use the fields, sometimes you can't even drive down the roads.”

Mr Gaylard said he was certain the problem could be solved with time and money.

“These little anti-personnel mines cost about \$3 to make but when it comes to finding them, lifting them and neutralising them, you are talking many hundreds of dollars. And there are millions of them,” he said.

“We are not sure of the numbers but there are probably about 160 million stockpiled, that governments have declared. But as to how many are still in the ground” //

+ KEEP IN CONTACT

WHAT'S YOUR STORY: Information about UQ graduates is always welcome for inclusion in Keep in Contact. If you have a story to tell, or you know someone who has, please send information to *Graduate Contact* (see contact details on page 3). Items should include degree(s) held and year(s) graduated. Articles accompanied by clear colour photographs preferred. The deadline for the Winter 2007 issue is March 3.



1951

LITERARY LIFE

Betty Birskeys (BA hons 1951) is an emerging literary talent. In 2004, she was nominated for a Queensland Premiers Literary Award in the Emerging Writers category.

This was a great tribute to an 81-year-old who has been writing for more than 50 years.

Much of her writing concerns the post-war immigrant experience, which produced multicultural Australia.

Her short stories have been published in leading literary magazines and her new book *Homeland* adds more to that history by detailing her own experiences as the daughter of an Australian-born mother and an English father. Betty herself married a Lithuanian displaced person migrant.

"Australians tend to neglect one of the most important parts of their history: the story of the many different people who make up this country," she said.

"We are such a mixture, especially since the end of World War II, and after all, with the exception of the Aborigines, all of us, or rather our ancestors, came here from across the seas.

"Why those people came and what happened to them here is the real history of Australia, more so than wars and the antics of politicians."

1956

FROM LIFE ON LAND TO TEACHING

Life experience and change has led UQ Gatton graduate **Beville Varidel** (QDAH 1956) to Innisfail where he works as a volunteer at an education resource centre in the wake of Cyclone Larry.

Mr Varidel recently volunteered with the team of Jubilee Christian College, Atherton, at its Innisfail Resource Centre (IRC), part of Jubilee's Distance Education Program. While mathematics is his speciality, he looks after motivation and study supervision.

Indigenous students enrolled at the resource centre have recorded high attendance and achieved above-average academic results.

"I am enjoying the opportunity to help Indigenous students, many of whom are struggling academically because of previous poor attendance and lack of motivation," Mr Varidel said.



After graduating from the then Gatton College, Mr Varidel worked as a jackaroo and Pasture Improvement and Water Supply Officer on Carisbrooke Station in the Dawson Valley, Central Queensland, before making a life change into Christian education.

He also spent time working in Papua New Guinea where he promoted, designed and managed the Boboa Animal Husbandry Training Centre on behalf of local Indigenous Councils and Cooperatives. The centre supplied fish, meat, cattle and produce to the Ok Tedi copper mine.

1976

HIGH-FLYER

After graduating from UQ, **Dr Rowan Gilmore** (BE 1976) earned a Doctor of Science degree from Washington University, US, in 1984. He has worked for many years abroad, firstly in Asia as a field engineer in the oil industry for Schlumberger Limited, and then for more than 15 years in the US and Europe in the IT and telecommunications industries.

Dr Gilmore returned to Australia in 2003 and currently leads the Australian Institute for Commercialisation as its Chief Executive where his mission is to enhance the success rate of commercialising Australian innovation, much of which comes from publicly-funded research.

Prior to his current role, he was based in Geneva from 2000 and London from 1998 as Vice President of Network Services for the global airline IT company SITA-Equant, now part of France Telecom.

He continues to hold links with UQ as an adjunct professor in the School of Business and School of Information Technology and Electrical Engineering.





1977

ABIDING PASSION FOR INDIGENOUS ART

Margaret West, AM, (BA 1972, hons 1977) is passionate about art and anthropology.

She has worked with Aboriginal art for more than 30 years and has seen many changes in the field.

"Art was always my first love, coupled with an interest in ancient history and anthropology," Ms West said.

"These interests combined to fuel my fascination with Aboriginal art when I was a student at UQ.

"Aboriginal art was a marginal subject at the time, so there were no courses and very little literature available on the topic.

"Since then, I have witnessed remarkable changes in both the growth and diversification in Indigenous art alongside radical shifts in public attitudes toward it."

After studying anthropology, history, fine art and sociology at UQ, Ms West was Curator for Aboriginal Art and Material Culture at the Museum and Art Gallery of the Northern Territory from 1978 until her retirement last year.

She still holds an honorary position at the gallery as Emeritus Curator of Aboriginal Art and also works as a private curatorial consultant.

"When I arrived in the Northern

Territory, there were only around seven community art centres," Ms West said.

"Today, there are more than 30 servicing several thousand or more artists.

"Aboriginal art, once regarded as just an anthropological curio, has been embraced as contemporary fine art and accepted into mainstream culture."

She said another major change was the acceptance of the diversity of Aboriginal art and the legitimacy of those practitioners working from urban centres or outside established conventions.

"This was an important break with the general prejudice that only the 'real' art came from remote areas such as Arnhem Land or the desert," she said.

Ms West's career also saw her work with some of Australia's most famous Indigenous artists including Bardayal Nadjamerrek, AO, Uta Uta Tjangala, Kaapa Tjanpitjinpa and Johnny Warangkula.

She had developed her museum skills and experience at UQ, working for seven years at the UQ Anthropology Museum.

Ms West has curated more than 30 semi-permanent, national and international touring exhibitions and was the founder of the annual *National Aboriginal and Torres Strait Islander Art Award*.

Besides her curatorial roles, she has also published numerous books in the field of Aboriginal Art.

1987

RELIGION ON SCREEN

Despite the controversy surrounding films such as the *Da Vinci Code*, one Australian religious figure is showing art and religion do not always have to be at odds.

The Director of the Australian Catholic Film Office, Jesuit priest **Reverend Dr Richard Leonard** (BA 1987), provides consumer information about films to all sectors within the Catholic Church in Australia.

"I encourage people to understand the language of some films so they can celebrate the human spirit, knowingly explore the darker side of life and even touch on the divine," he said.

Dr Leonard added to his UQ undergraduate qualifications earlier this year when he graduated with a PhD in cinema studies from the University of Melbourne.

He wrote on *The cinematic mystical gaze: the films of Peter Weir* and has just published his first book on the cinema, *Movies that matter: reading film through the lens of faith*.

A former resident of UQ's Union College, Dr Leonard's favourite films include classics such as *Citizen Kane*, anything by Australian director Peter Weir, *A Man for All*



Seasons, Vera Drake, Italian for Beginners and *The Road Home*.

"I like being a priest and film critic because I don't assess film on its general appeal, but by what it is saying, if anything, about human dignity and rights, spirituality and contemporary beliefs," he said.

Dr Leonard said he had always enjoyed going to the movies, but it was the Jesuits who thought he should further his film knowledge.

"After I was ordained a priest in Sydney at the end of 1993, I was apprenticed to Albert Street Productions to learn the ropes of television production," he said.

+ KEEP IN CONTACT



1992

PET PROJECT

Tanja Stark (BSocWk 1992) is helping domestic violence victims with pet care during times of family crisis.

Ms Stark's DVCONNECT Domestic and Family Violence Crisis Service project with partner RSPCA Queensland won a State Government Domestic Violence Prevention Award earlier this year.

Ms Stark, DVCONNECT's Development Officer, said the partnership had been initiated in response to the serious problem faced by women forced to delay refuge or leave animals behind with abusive partners.

"This program not only reduces animal cruelty as part of the domestic abuse, but also lessens the extensive trauma and loss faced by women and children who have had to abandon their homes. They know their pets are safe with trained volunteers," she said.



1993

ARTS IN THE BLOOD

Art and theatre are in **Kate Gould's** blood. Ms Gould (BA honours 1993) continued a family tradition when she was appointed to one of the most prestigious positions in the country, General Manager and Associate Artistic Director of the Adelaide Festival of Arts.

She is the first person to hold the new amalgamated position which was designed around her skills.

Ms Gould's parents are NIDA National Institute of Dramatic Arts (NIDA) and London Academy of Music and Dramatic Arts (LAMDA) trained theatre professionals.

Her father, Tony Gould, AM, worked for the ABC before becoming the Director of the Queensland Performing Arts Trust and Artistic Director of the Brisbane Festival.

After graduating with a Bachelor of Arts majoring in English Literature and Drama, Ms Gould had to decide whether to continue studying or follow her parents and work in live theatre.

Her role for the Adelaide festival is a challenge she enjoys enormously.

"I manage all aspects of the festival from programming to production, marketing to sponsorship, as well as financial management," Ms Gould said.

"I take an active role in working with the Artistic Director. This involves selecting and commissioning works of drama, dance, opera, music and the visual arts.

"I enjoy the fast-paced world of international theatre and the challenge and empowering feeling of bringing complex productions to the stage.

"It is thrilling when a performance truly connects with an audience, forever changing something about how they view the world."



1998

ENDANGERED SHARK WELL WORTH SAVING

Carley Bansemer (BSc honours 1998) has always loved the ocean and began diving at only 10. Becoming an ardent supporter of the Grey Nurse shark came naturally.

After completing a science degree at UQ and working in conservation at the Moreton Bay Marine Park, her interest in sharks developed into a passion.

The Grey Nurse, which inhabits the east coast of Australia, is on the verge of extinction due to mass slaughter in the 1960s.

Ms Bansemer said the sharp-toothed predator had an undeserved reputation as an aggressive monster, exacerbated through movies and the media.

Ms Bansemer describes the shark as gentle, intelligent and misunderstood. Her fascination with the marine carnivore led to her PhD study at UQ.

Her thesis is on marine ecology, tracking Grey Nurse numbers along the Australian east coast, examining their habitats and trying to further understand them.

She conducts her research through photo

records and claims capture and permanent tagging is not justified.

"The Grey Nurse is endangered so we cannot capture them to conduct detailed biological research," Ms Bansemer said.

"We have to rely on what's known and what's been done overseas. I'm very passionate about non-invasive research. You don't always have to catch and fin a shark to find out information about it.

"My research is all based on photo identification. I depend a lot on the diving community to help with information and this has proven very successful."

Ms Bansemer started her PhD part-time in 2004 and decided to change to full-time study this year to get planned research papers published and spend more time on fieldwork in Moreton Bay.

"While studying part-time, I only had time to get preliminary research analysis done. I have three papers planned and I'd like to get them published. These papers have conservation benefits," Ms Bansemer said.

"I started the PhD to try and get this data together and to make sure this shark did not become extinct. It's really hard to conserve a non-cuddly species that reminds the public of the movie *Jaws*."



Mr Terlich (left) and Mr McBride

1998

LAND RIGHT REWARDS

Two UQ graduates are helping protect the rights and interests of Indigenous people under their traditional laws and customs.

Senior anthropologists with the Queensland Government Department of Natural Resources, Mines and Water (NRMW), **Neville Terlich** (BA honours 1998) and **Sean McBride** (BA honours 1998), assess Native Title claims on behalf of the State.

They examine anthropological material to make sure there is enough evidence for the Queensland Government to enter into Native Title negotiations.

Mr Terlich said it was rewarding to see such issues being resolved quickly and fairly.

"Having a productive role and in some way making a difference for Aboriginal people is rewarding," he said.

"It is a good feeling when the government accepts the material, agrees to a determination and land is handed back."

Mr McBride said NRMW aimed to resolve native title claims through negotiation, rather than through the courts.

"There is a sense of social justice in the office," he said.

"The State has a policy of negotiating rather than litigating. The government has a good attitude towards the issue," he said.

As anthropologists, Mr Terlich and Mr McBride say they want to ensure claimants are the correct people.

They do this by maintaining connections with areas being assessed over a long period and by establishing how societies lived at the time sovereignty was claimed.

"We look for behaviours that would demonstrate an Aboriginal society is in place today, such as traditional hunting methods and the laws and customs in the society," Mr McBride said.

"But we also make allowances for change over time – they don't have to have maintained a pristine hunter/gatherer existence, for example."

The duo are currently working on Native Title claims in the Cape York region, working with anthropologists they used to read about when UQ students.

"Professor Bruce Rigsby was our lecturer at UQ – now we have a working relationship with him regarding claims," Mr Terlich said.

"Some of the anthropologists who wrote papers when we were at University are people whose work we now assess."

"UQ gave us the knowledge and the confidence to be able to sit at a table with these anthropologists, although they have been in the field for a lot longer than either of us."

1998

GROWTH OF A SPY

Dr Shalin Naik (BSc honours 1998) has been working in scientific research in Australia and overseas for the past six years.

He recently completed his PhD at the University of Melbourne studying how the human body fights infectious disease.

He also received an \$8000 commendation at this year's prestigious Premier's Awards for Medical Research in Victoria.

Dr Naik's landmark discovery was how the body grows "spy" cells in the immune system, a group of white blood cells known as dendritic cells.

"These cells are the James Bond of the immune system," Dr Naik said.

"They covertly take a snapshot of infection when it enters the body and then kick-start the rest of the immune system to get rid of it."

"They are why we usually get better in time."

With this new knowledge, medical researchers can begin to look at the development of customised immune therapies to target particular infections such as HIV, malaria and influenza; certain cancers; and even autoimmune diseases.

His work was last month published in the prestigious journal, *Nature Immunology*.

Dr Naik has also been awarded a Marie Curie Fellowship to continue his research at the Netherlands Cancer Institute in Amsterdam.



+ KEEP IN CONTACT

1999

THE RIGHT DRUM

A graduate with first-class honours and a University Medal might be expected to do well in postgraduate studies, but psychologist **Dr Geoff Goodwin** was still nervous about how he would cope at a US Ivy League university.

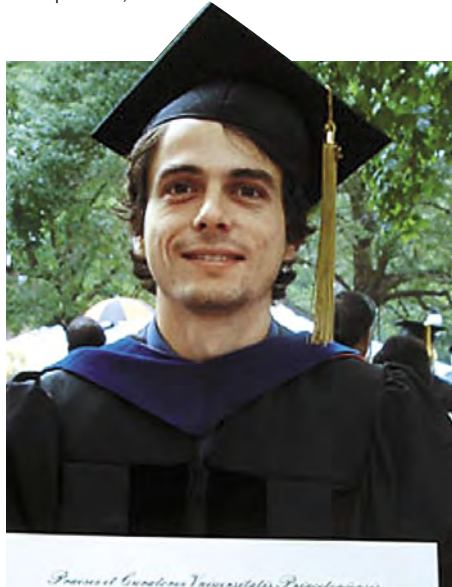
When Dr Geoff Goodwin (BSc honours I 1999) began studying for his PhD at Princeton University he said he felt overawed, despite his outstanding UQ academic achievements.

"They expected everyone to work 24/7 and I couldn't see how I was going to have any time for my other loves, drumming and soccer," he said.

Dr Goodwin, who studied on a graduate fellowship, had nothing to worry about; he graduated earlier this year after five years of intense research. He received a Master's degree and a PhD.

His doctorate was accompanied by a Friends of the International Center Teaching Award and a Charlotte Elizabeth Proctor postdoctoral fellowship.

"As for the recreational activities: the drumming seems to have been put on hold, perhaps at the request of my flatmates, but I'm still coach of a soccer team in the local competition," he said.



2000

NEW STEPS FOR PHYSIO IN SIERRA LEONE

"It was the picture of a young girl with callipers on both legs, oversized crutches, bright red shoes and a shy smile. Something about that picture captured my imagination."

It was that picture, which **Michelle Watson** (BPhy honours I 2000) first saw in 2000 when reading a Mercy Ships charity pamphlet, that persuaded her to use her physiotherapy skills to benefit people who would not normally have access to rehabilitation services.

Ms Watson returned from Sierra Leone earlier this year, where she worked for eight months with the New Steps rehabilitation team of volunteers serving with Mercy Ships.

Ms Watson was one of only two physiotherapists working in the country, which is recovering from a 10-year civil war.

"Thousands of people are living with disabilities sustained during the war or exacerbated by a lack of preventive and restorative medical help," she said.

"Many children and adults now live with the effects of polio because the vaccination program was interrupted during the war."

Ms Watson worked with Mercy Ships providing rehabilitation to people with orthopaedic and neurological problems. The charity provides assistive devices such as wheelchairs and crutches and works with orthopaedic technicians to make callipers and prosthetic limbs for use in therapy.

"It was an amazing experience with each day bringing challenges and rewards that I would never have experienced in the developed world," she said.

2000

SCIENCE LEADERSHIP THE BIGGEST EXPERIMENT

Scientist **Dr Doug Horton** (BSc 2000 honours I, PhD 2005) has swapped his labcoat for a keyboard.

No longer content with research, he wants to ensure that investment in science continues to pay dividends. As a Senior Project Officer with the Office of the Queensland Chief Scientist, he supports Professor Peter Andrews, AO, to ensure that scientific innovation continues to flourish in Queensland.

The Chief Scientist's role is to raise

Queensland's profile on the national and international stage as a centre of research and commercialisation, improving links with other governments, academia and industry to build critical mass in the State's science industry.

"I enjoy looking at the bigger picture. You are investigating the issues that affect the industry rather than conducting the scientific work yourself," Dr Hall said.

"You are promoting the industry and looking at how to make things better.

"Science has been a major contributor to the success of nations in the past and it is certain to become increasingly important in the future.

"Science is essentially the way forward."



2001

HISTORY BUFF FINDS PARADISE IN CHINA

A love of history and teaching has taken UQ graduate **Lynn Fair** (MA 2001) to China.

With a background in teaching at UQ in the School of Tourism and Leisure Management, Mr Fair left for China almost immediately after graduating to teach at a small college in Wuhan, a large city on the Yangtze River.

Mr Fair now works for Wuhan University of Technology and has been teaching English at the International School of Software for the past year.

But it was his passion for history that inspired Mr Fair to move to China.

"I continue to maintain an interest in history and I am in the process of writing a book about the old western buildings in what were the foreign concession areas of Hankow," Mr Fair said.

"I am also working with the local business community to try to protect and maintain these old and very beautiful buildings.

"There are 5000 years of history in China to experience."

Mr Fair has also found the time to complete a book about teaching oral English in China.

He also coaches the Wuhan University of Technology softball team.

Mr Fair (right) talks to a resident in an old concession building area.



2002

SEEDS FOR CHANGE

Alex Dalley (BSc (Ecology) 2002, BA 2002) has an ambitious aim – to make one of the world's newest nations self-sufficient in food.

Mr Dalley is one of three Australians working on stage two of the \$7.6 million Australian Government-supported Seeds of Life program, which aims to reduce malnutrition in East Timor.

The first stage of the program saw new varieties of staple crops tested to find higher yielding varieties than those currently grown.

Improving food security is essential in East Timor, where about half the population experiences food shortages.

The current program involves on-farm testing to ensure crops developed during the first stage are suitable for farmers.

"My work takes me all over Timor-Leste, working with young Timorese extension workers and farmers to establish trial plots of high-yielding varieties of staple food crops," Mr Dalley said.

He has been in Timor-Leste since March 2004 working for the Government in the Ministry of Agriculture Forestry and Fisheries.

2002

JUGGLING ACT

Joel Gilmore (BSc hons I 2002) has combined his two very different passions – acting and physics – to promote science to young people.

In 2002, the PhD student and fellow UQ physicist, Jenny Riesz, set up the Physics Demo Troupe, which tours the country making science entertaining and accessible for school children.

"We started training physics students to do these demonstrations in an entertaining and informative way, almost like a pantomime," Mr Gilmore said.

"It's about teaching everyday concepts that students can go home and explain to their parents."

Mr Gilmore, a University Medallist, said he wanted to show scientists were not "just bearded old men in lab coats."

During his shows he uses fun

games and props to demonstrate basic scientific concepts, for example juggling to demonstrate gravity – he even rides a unicycle to demonstrate the science behind a circus balancing act.

"I've always enjoyed performing and when I was little, I learned to do magic and started doing magic shows. I then sang in school choirs and was in the production of *Joseph and the Amazing Technicolour Dreamcoat* at Brisbane's Lyric Theatre," he said.

"I loved performing and public speaking. But at the same time I was very interested in maths and science."

Mr Gilmore is now completing his PhD in biophysics in the School of Physical Sciences, investigating the role of quantum mechanics in biology and trying to make simple models to help scientists further understand vision and photosynthesis.

He said that one day he might have to choose between his two passions but hoped that once he gained his PhD he would find a job allowing him to do both.



+ KEEP IN CONTACT



2002

TOP END LOVE AFFAIR

UQ Business School graduate Scott Griffin (BSc 2002, BCom 2001) will return to Queensland after completing his Harvard MBA in 2008.

Only about 800 students from 10,000 Harvard applicants are accepted each year.

Mr Griffin left for Boston in August – but he is definitely coming back.

Working for the Boston Consulting Group in Sydney, Mr Griffin was sent on a three-month assignment to Cape York in 2005 to work with the Mossman Gorge Indigenous community and the Balkanu Cape York Development Corporation.

He fell in love with the place and people and remained for seven months.

"The community had a business idea to become self-sufficient. I worked with the elders to prove the business concept," Mr Griffin said.

"There are 16 communities in Cape York that generally reflect the common statistics of Indigenous communities. The life expectancy of a male is 45 and there are many social and health problems.

"The elders want to create a business based upon their culture – an Indigenous art gallery, guided tours of the National Park and a visitor centre."

Mr Griffin said the complex problems of Indigenous communities deserved decades of attention and he planned to be involved for many years to come.

2002

REAL YOUNG ACHIEVER

UQ robotics and artificial intelligence PhD student Michael Milford (BE honours I 2002) has won the science and technology section of the 2006 Queensland Young Achiever Awards.

Mr Milford, 24, won the Cartridge World Science and Technology Award for his contributions to research in biologically-inspired robotics and artificial intelligence.

His most recent research will be presented at the International Conference on Intelligent Robots and Systems later this year.

Mr Milford was awarded a \$2000 savings account from the Heritage Building Society.

"I am really grateful for the award and hope I can encourage many more young people to pursue a career in science and technology," Mr Milford said.

As well as studying for his PhD, Mr Milford is publishing educational textbooks for school children.

He recently finished the Complete School package, on sale at Dymocks bookshops.

The high-school educational resource, which includes textbooks and DVDs, covers the entire school Mathematics and English curricula.

"I like to challenge myself. I wanted to do something that nobody had come close to trying before so I came up with the idea of an ultimate educational resource for high school students," he said.



He has already had success with his first two textbooks, *Not a C Minus* and *Painless Physics*, which have sold more than 5000 copies.

Mr Milford's PhD research looks at how rats function in their environment and applying this to robotics with the aim of creating a robot that can move around its environment intelligently.

The Queensland Young Achiever Award winners were announced at a presentation evening on September 16 at the Carlton Crest Hotel in Brisbane.

2003

MICRO TO MACRO

Economist Anthony Rossiter (BSc honours 2002, BEcon honours 2003) has been awarded the David Finch International Fellowship for PhD study at Massachusetts Institute of Technology (MIT).

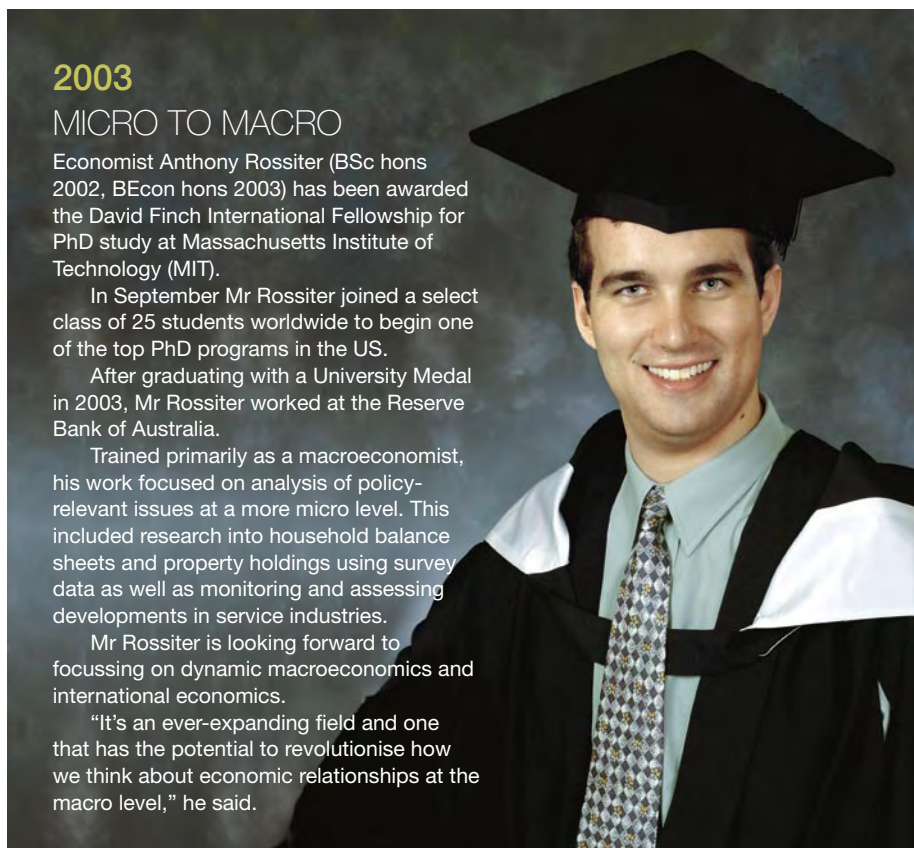
In September Mr Rossiter joined a select class of 25 students worldwide to begin one of the top PhD programs in the US.

After graduating with a University Medal in 2003, Mr Rossiter worked at the Reserve Bank of Australia.

Trained primarily as a macroeconomist, his work focused on analysis of policy-relevant issues at a more micro level. This included research into household balance sheets and property holdings using survey data as well as monitoring and assessing developments in service industries.

Mr Rossiter is looking forward to focussing on dynamic macroeconomics and international economics.

"It's an ever-expanding field and one that has the potential to revolutionise how we think about economic relationships at the macro level," he said.



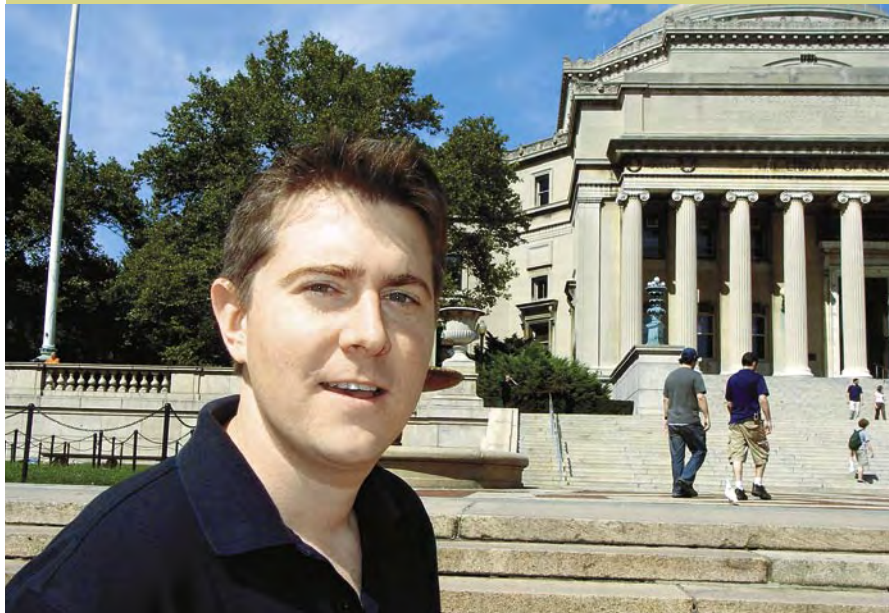
2003

CONSUMING DRIVE

When you are a big business with outlets across the world and major advertising campaigns, it pays to know what your customers think of you.

This is soon to be made easier thanks to a UQ graduate who is helping quantify the marketing and financial impacts of word-of-mouth and consumer-to-consumer interactions.

His research will help businesses optimise their spending on strategic marketing and customer relationship management activities.



Andrew Stephen (BE honours 1 2003, BBusMan honours 1 2004) is the only Australian in a decade to study for a PhD in a business field at Columbia University in New York.

Mr Stephen said a big issue for businesses was what to do with all the information they had about their customers.

"My research is broadly targeted at trying to enhance our understandings of how consumers interact with each other," he said.

"We will then be able to identify more socially 'influential' or 'connected' consumers and predict with reasonable accuracy what will happen if we spend money trying to make these people our customers and have them bring other people with them through word-of-mouth."

Mr Stephen said Columbia Business School was regarded as the top institution of its kind in the world.

"It is common to share an elevator with a Nobel Laureate in Economics, and I work with some of the top business and marketing professors of their generation," he said.

The University Medal recipient has been in New York since July 2005.

"The city itself is inspirational – just realising that I have made it here makes me smile, even when life's stresses are bearing down on me," Mr Stephen said.

2005

IVY LEAGUE UNIVERSITY OFFERS COME IN TWO

Not many Australian students get to choose the top US Ivy League university at which they will study.

But that is exactly what UQ graduate Katey Robinson has been able to do, having received offers from two of the world's most prestigious institutions.



Ms Robinson (BSc honours 1 2005) began her PhD at Harvard University in September.

"It has a brilliant reputation and a brilliant department and academics," she said.

Ms Robinson has also received a Harvard scholarship of US\$60,000 a year, for six years to cover her living expenses, tuition fees and other costs.

She decided to take up the offer from Harvard after initially receiving offers from both Harvard and Princeton universities.

Her PhD will be in the area of Biological and Biomedical Sciences, looking at the early patterning of embryos.

"The PhD will involve basic research with applications to stem-cell techniques or tissue engineering," she said.

"Understanding how these embryos form can help you understand how you can regenerate them."

Ms Robinson became interested in this area of science while examining a gene, KLF12, in zebra fish development for her UQ honours thesis under the supervision of Dr Andrew Perkins from University's Institute of Molecular Bioscience.

"We think this gene is involved in either the development of blood vessels or blood," she said.

Ms Robinson had her first taste of US university life when she attended a welcome weekend at Harvard in March.

"I had the chance to meet some of the academics and current students and took tours of the area," she said.



2006

HECTIC SCHEDULE

Organisation and dedication allowed UQ Business School graduate Margee Hume (MBA 1998, PhD 2006) to juggle family, her PhD and writing a textbook.

In August, Dr Hume won the 2006 Emerald/EFMD Outstanding Doctoral Research Awards when her thesis was judged the best of 160 international service management applications.

Using operations management and marketing perspectives, her research highlighted the importance for performing arts organisations of providing both economic and creative value for audiences.

Dr Hume, a mother of three young children, was awarded her doctorate in July, the first management student at UQ Business School to graduate with a PhD by publication.



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



Help dogs like Bob help people like Shirley

Bob



Shirley is suffering from Alzheimer's. Soon she will forget how to do everyday activities such as putting on her shoes and making dinner. One day she may not even remember her own name.

Sadly, this is the reality for sufferers of Alzheimer's disease.

The University of Queensland's own Centre for Companion Animal Health is looking at how animal-assisted therapy can make a real difference to the lives of people with Alzheimer's disease – and you can help.

Please support the Centre with a donation of \$25 or more today. You'll be helping improve the quality of life for elderly Australians like Shirley. And you'll be helping dogs like Bob at the same time.

We rescued two-year-old Bob from a council pound, and took him into our Centre for Companion Animal Health. For 10 months he called our Centre home, and helped us with our studies. Happily, Bob now has a new owner and is well-loved and looked after by a caring family.

The Centre for Companion Animal Health is a leader in its field of animal health and welfare, undertaking important studies which aim to develop the best possible treatment and prevention for diseases in pets; enrich the lives of our aged and disabled people with a loving pet as a companion; and find solutions to prevent unwanted and problem pets.

As a graduate of The University of Queensland, we are looking to you to help us continue our tradition of contributing to the community, and helping make life better for homeless animals and all Australians.

Thank you.

**Professor Jacquie Rand, Founder and Director, Centre for Companion Animal Health
School of Veterinary Science, The University of Queensland**



Jacquie is an internationally renowned leader in diabetes, obesity and nutritional studies with pets.

Yes! We/I will help elderly people and homeless animals like Bob have a better life!

1. CONTACT DETAILS (Fill in details in block letters please)

Mr ☐ Mrs ☐ Ms ☐ Dr ☐ Other ☐ _____
First Name _____
Surname _____
Address _____
_____ Postcode _____
Phone (daytime) _____ (after hours) _____
Email _____

2. DONATION To help people and pets!

- ☐ Here is our/my single tax-deductible gift.
- ☐ Here is our/my pledged tax-deductible gift until further notice.
- ☐ monthly ☐ quarterly ☐ half yearly ☐ yearly
- ☐ \$25 ☐ \$50 ☐ \$100 ☐ \$1000
- ☐ \$..... Amount of your choice.

3. PAYMENT TYPE

- ☐ Cash/Money Order
- ☐ Cheque (crossed *and* made payable to The University of Queensland)
- ☐ Bankcard ☐ MasterCard ☐ Visa ☐ Amex ☐ Diners
- Card No.
- Expiry date _____ / _____
- Cardholder's name _____
- Cardholder's signature _____ Date ____ / ____ / ____

- ☐ Please send me information about your "Bequest in a Will" Program.
- ☐ I do not want my name published in the lists of donors.

Please mail to:

**Centre for Companion Animal Health, School of Veterinary Science,
The University of Queensland, Brisbane Qld 4072**

Or fax to: (07) 3346 9822

Thank you!



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Under current legislation, gifts to The University of Queensland of \$2.00+ are tax-deductible. ABN 63 942 912 684

Cricos Provider No 00025B

Centre for Companion Animal Health

For brochures and more information on the Centre, please contact (07) 3365 2122
or visit www.uq.edu.au/vetschool/centrecch

