UNDERWATER HIT
Researchers discover whale song secrets
UQ research students are discovering innovative solutions to some of the world’s most challenging questions. Supported by over 2000 experts across a wide range of disciplines, UQ offers a focused environment for its students to excel.

Every research student benefits from UQ’s acclaimed culture of research excellence, which includes world-renowned advisors, extensive international networks and ongoing professional development opportunities.

Consistently ranked in the top 1% of all universities in the world, UQ plays a leading role in research collaboration and innovation. The 2010 Excellence in Research for Australia assessment confirmed UQ as having more researchers working in fields assessed above world standard than at any other Australian university.

Whatever you want to achieve, however you want to succeed, you will enjoy every advantage at The University of Queensland. The University of You.
MESSAGE FROM THE VICE-CHANCELLOR

The world is increasingly looking to universities to help solve some of the big issues of the 21st century. UQ has a strong research and discovery culture and an enviable track record in translation and commercialisation of that research. It’s about turning ideas into practice in ways that deliver social, environmental and economic returns to the wider community.

UQ is in fact Australia’s leading university in research commercialisation, with its companies Uniquest, IMBcom, JK Tech and Lab helping convert discoveries and clever ideas into commercial opportunities.

This kind of success doesn’t come about by focusing solely on potential financial returns. It flows from our core belief that we need to encourage both discovery and its translation. Research is risky and often takes a long time to pay off.

If a university were motivated only by the prospects of financial gains from research commercialisation, it would not do it. Commercialisation is just one of the ways that UQ interacts with the business community; other ways include contract research and graduating students with the skills necessary to translate research into policy, clinical or commercial practice. Commercialisation is important because it reinforces the culture that high quality research can sit comfortably beside high quality application.

One example of in-depth research that has been transformed into international success after decades of development is the Positive Parenting Program, known as Triple P. Triple P is a research and evidence-based program designed to prevent and treat behavioural and emotional problems in children. It began as Professor Matt Sanders’ PhD project in 1978. The research and development was refined over the next decade and launched in 1992. Today, Triple P International employs almost 100 people in seven countries and contracts in excess of 200 trainers. Triple P has helped thousands of Australian families, been disseminated to 23 countries, translated into 18 languages and delivered to the families of over 7 million children.

Clearly, this work has had a major impact. The outcomes to date are a result of the quality of the original and ongoing research, and the commitment of the other key players who have been involved in its dissemination. The program continues to evolve in terms of related support, research and other applications.

External collaboration was also essential in the development of the Papilloma virus vaccine to protect women against cervical cancer, which resulted from the research of Professor Ian Frazer and the late Dr Jian Zhou. Research began in the late 1980s, building on earlier discoveries elsewhere about the virus. UniQuest took out the first patent in 1991 and licensed the technology to CSL – Commonwealth Serum Laboratories as it was then – in 1995, who sub-licensed to the US company Merck. Food and Drug Administration approval for the vaccine was obtained in 2006, and the first product entered the market in the second quarter of 2006. Today the vaccine is approved for use in 121 countries and worldwide over 65 million doses have been distributed.

UQ will continue to lead in knowledge and technology transfer, commercialisation, and entrepreneurial initiatives by continuing to build our culture of discovery. There is no substitute for world-class research, but it is the translation of discoveries into practice and policy that is the fruit of this commitment.

Professor Paul Greenfield AO
**SHORT CUTS**

**CROC WORK PAYS OFF**

UQ's Professor Craig Franklin has been appointed to the editorial board of leading publication *The Journal of Experimental Biology*. Professor Franklin is perhaps most widely known for his work with crocodiles in northern Australia, and is the first editor the journal has appointed outside of Europe or North America.

“We are delighted to reinforce our presence in the southern hemisphere with an editor based in Australia who is so passionate about his science,” editor Professor Hans Hoppeler said. Professor Franklin has been a long-term author and referee for the journal.

**A $5 BILLION PROBLEM**

Increasing food production and reducing wastage in the tropics are two ways to solve the looming global food crisis, according to UQ Professor of Food Security Michael D’Occhio.

Speaking at the Crawford Fund’s inaugural State Parliamentary Conference in April, Professor D’Occhio explained the importance of food wastage.

“If the global community is serious about food security then the current losses in developing countries, and wastage in developed countries, cannot be allowed to continue,” he said.

Food loss and wastage in Australia is worth $5 billion per year.

With current predictions indicating food production will need to increase by about 70 percent to feed 9 billion people in 2050, Professor D’Occhio said Australia’s real contribution to global food security is through education, training and technology transfer.

“Our future investment in research must match the importance of increasing production in Australia and helping developing countries lift their food production,” he said.

“There is also an important role for Indigenous communities in northern Australia to play in future food production as many communities in these tropical regions do not have access to the same quality of food available in larger towns and cities. This will include the production of both conventional food and the development of new enterprises and markets around native food.”

The conference hosted 200 guests including agricultural decision makers, researchers, farmers, educators, students and other stakeholders at Parliament House in Brisbane.

**DRIVING OUR INTENTIONS**

UQ research has found evidence of widespread altruism in Australian society through a novel study of driving behaviour in Brisbane.

PhD student Redzo Mujcic and Professor Paul Frijters from the School of Economics conducted research into the age-old issue of who is polite and who is selfish at traffic intersections.

They analysed data on about 1000 commuters at selected spots where drivers had the option to let someone from a side-road enter the main road or to keep going and save themselves a couple of seconds. About 40 percent of all commuters stopped for others at an intersection while 60 percent kept going.

Interestingly, male drivers (42 percent) were more likely to stop for others than female drivers (37 percent).

Both men and women were also about twice as likely to stop for someone of the opposite gender than they were for one of their own.

While about half of the older drivers would stop, no more than a third of younger drivers would.

Drivers of less expensive cars were least likely to stop, with the drivers of expensive models only barely more likely to stop. The cars that stopped most were of intermediate value.

Drivers were also about twice as likely to stop if there was someone in the passenger seat of the car (from 33 percent of single drivers to 60 percent of those with a passenger).

The weather, time of day, or affluence of the neighbourhood were found to have no effect on behaviour in the study.

The findings have been published in an Institute for the Study of Labour paper in Germany.

**BOOSTING YOUR BRAND**

Reports that celebrities are earning up to $10,000 per tweet on Twitter has caught the attention of ordinary social media users who are now asking how they can make money too.

UQ social media and branding expert Dr Nicholas Carah said although personalities such as Charlie Sheen, who now has 2.3 million Twitter followers, can attract payments for tweeting product endorsements, non-celebrity individuals can also reap rewards.

“There is a growing consciousness about ‘personal brand value’ that individuals can cultivate and even make money through social media platforms,” he said.

“Individuals are using social media platforms to construct a brand for themselves and they then employ social media as a continuous advertisement about themselves and what they do.”

Dr Carah said individuals were using social media to build a profile that was netting them lucrative job offers and attracting the attention of influential people in their industry.

“The fears that posting photos of yourself drunk on social media sites would prevent you from landing a job are subsiding and some industries are now actually poaching effective social media users.”

Australian Greens senator Sarah Hanson-Young recently advertised for a replacement media advisor exclusively on Twitter, telling The Australian that “someone who is not on Twitter probably isn’t going to be the right person for the job.”

Dr Carah said individuals were even using technologies to measure how influential they were in the online world and listing the scores in their CVs.

“You can evaluate your own brand and get a score for how visible and how influential you are that not only measures the number of people following you or who are friends, but also whether those people are influential and are helping promote your brand.”
KEEPING GEN Y HAPPY

Job security, flexible hours, and relaxed rules about mobile phone use are what Gen Y staff members want from their employers, according to new UQ research.

A three-year joint project between the School of Tourism and the Hospitality Training Association investigated the best employment strategies to match the motivational, training and development needs of this cohort.

Gen Y currently comprises about 30 percent of the hospitality workforce in Australia, with many businesses employing more than 70 percent of their staff from this generation.

Project leader Dr David Solnet said the research found technology-savvy and independent Gen Y employees had radically different attitudes towards employment than those of previous generations.

“More than a focus on salary and wages, this group expects recognition and respect from even the early stages of their employment as well as a heavy investment in their professional training and development,” Dr Solnet said.

“Gen Y employees place a higher value on having secure employment than has been suggested anecdotally.

“They value co-worker relationships and friendships, and are seeking opportunities to engage in socially responsible actions, such as ‘green’ programs.”

The study found Gen Ys sought rewards beyond their wages, including flexible working hours and remote work options.

Dr Solnet said non-traditional incentives that inspired and motivated employees could be less costly to the organisation, and could provide employees with the opportunity to customise rewards to their perceived best advantage.

The research also unveiled several issues that may negatively affect individual performance and staff turnover.

Gen Ys were found to have lower levels of engagement and tend to be less satisfied with their job and less committed to the organisation than their non-Gen Y counterparts.

FISH OIL TO THE RESCUE

UQ researchers have found that fish oil supplements may help prevent muscle loss in breast cancer survivors.

“Loss of muscle mass shortly after cancer treatment is a common problem for breast cancer survivors and research indicates that loss of muscle may increase the onset and exacerbation of obesity-related chronic diseases such as cardiovascular disease and diabetes,” PhD student Cameron McDonald said.

“Exercise is effective in rebuilding lost muscle after it has occurred, however it is often hard to maintain over time.

“If fish oil supplementation is effective in preventing muscle loss before it occurs, or even more effective when used in conjunction with exercise, it could significantly decrease the risk of survivors developing a chronic disease.”

Muscle mass loss in breast cancer survivors may be partly due to the presence of chronic inflammation, which causes a breakdown in muscle tissue. Fish oils interfere with inflammation, thereby reducing its effect.

Research is still in its early stages and clinical trials are set to commence later in the year.

Mr McDonald has been invited to present his research at the Universitas 21 Graduate Research Conference on Food in Malaysia this month.

Mr McDonald is one of two UQ research higher degree students to receive a grant to attend the conference, which focuses on interdisciplinary approaches to some of the most pressing food-related questions facing humankind.

ANIME AID

The strength of community spirit was on show recently when UQ staged Anime for Aid in support of Japan’s disaster relief.

More than 300 people packed the Schonell Theatre in March to enjoy the manga classic Metropolis and raised $7,500 for staff and students affected by the floods.

Deputy Vice-Chancellor (International) Dr Anna Ciccarelli said Anime for Aid was an opportunity for the University to show its support for an important international partner.

“It was our turn to help our friends in Japan in their time of need – this is exactly what being part of a global community is about,” Dr Ciccarelli said.

Head of UQ’s School of Languages and Comparative Cultural Studies Associate Professor Greg Hainge said the event was made possible due to the support from many volunteers.

“At short notice, staff, students and the wider community came out in force to ensure this was a successful event,” Dr Hainge said.

Meanwhile, the Vice-Chancellor’s Emergency Student Welfare Fund raised $330,000 and assisted approximately 400 students affected by the floods.

FACTS + FIGURES

$64,000

– amount a UQ interdisciplinary team has been awarded to conduct research into Fetal Alcohol Spectrum Disorders

1000

– number of high school students who put their know-how to the test during the 2011 UQ Science and Engineering Challenge

30

– the percentage increase in crop production that scientists from UQ and partners in the Queensland Government aim to achieve through an international food security research collaboration

116,463

– number of visits to the new UQ Jobs recruitment website since it was launched in March

23

– number of countries that offer UQ’s award-winning Triple P – Positive Parenting Program developed by Professor Matt Sanders

$10,000

– amount leading UQ marine ecologist Professor Peter Mumby has won after receiving the Rosenstiel Award for his work protecting coral reefs
GLOBAL STEEL DEAL

Giant steel manufacturer establishes research arm at UQ.

Research leading to more sustainable steel production could result from a new agreement signed recently by one of the world’s top three steel producers and four Australian universities.

Shanghai-based Baosteel Group has partnered with The University of Queensland, University of New South Wales, Monash University, and the University of Wollongong to establish the Baosteel-Australia Joint Research and Development Centre.

The centre, based at St Lucia, will seek to create fundamental knowledge and exploitable technologies with commercial relevance to the steel industry, and will focus on metallurgy and new materials, energy utilisation, environmental sustainability and other new technologies.

Baosteel will provide up to AUD25 million over five years for research and development projects at the centre.

The Chairman of the National Committee of the Chinese People’s Political Consultative Conference, Mr Jia Qinglin, attended the centre’s launch and unveiled a plaque at UQ in April.

Baosteel Group Chairman Mr Lejiang Xu led a delegation of Baosteel executives to Australia for the signing of the agreement.

“Baosteel and Australia have enjoyed good collaborative relationships for quite a long time,” Mr Xu said.

“Establishing the centre will broaden the areas of collaboration and elevate the existing collaboration to new heights.

“The Baosteel-Australia Joint Research and Development Centre is the first R&D centre that Baosteel has set up overseas, so we regard it as a milestone.

“All partners will work closely in a complementary way. We seek to realise research development and achieve a mutual win-win situation.”

UQ Vice-Chancellor Professor Paul Greenfield said he welcomed Baosteel’s extension of its investments into high-quality Australian research.

“Partnership with a giant manufacturer and consumer of Australian resources will enable UQ researchers to target practical solutions to global manufacturing and sustainability problems,” he said.

“Collaboration with three other Australian universities will add value to the centre’s projects, and give altitude to the international reputation of Australian university research.”

GREEN ENERGY BOOST

Queensland is set to become a global hub for geothermal energy research.

Queensland is establishing itself as a leading player in geothermal energy research, technology development and jobs, according to Energy Minister Stephen Robertson.

Officially opening the Queensland Geothermal Energy Centre of Excellence (QGECE) at UQ in April, Mr Robertson said the centre was playing a key role in the State Government’s renewable energy strategy.

“Geothermal has a bright future in Queensland because it has the potential to produce more base-load energy than any other renewable energy source,” he said.

“That’s why the government is investing $25 million towards geothermal energy research and development projects in Queensland.”

Mr Robertson said the government’s $15 million investment in the QGECE represented the largest investment in geothermal energy research in Australia.

“The QGECE is undertaking research and development to progress large-scale electricity generation from subterranean hot rocks and hot sedimentary aquifers,” he said.

Research includes electricity transmission and power network modelling; geothermal reservoir exploration, characterisation and management; plus development of new turbines and cooling systems to optimise geothermal power plant production and efficiency.

“This important work is helping position Queensland as a leading technology provider in the growing international geothermal energy sector,”

UQ Vice-Chancellor Professor Paul Greenfield welcomed the State Government’s $15 million investment in the centre.

“This investment has enabled the University to build the only centre in the world that addresses one of the biggest remaining challenges of geothermal technology – how to increase power conversion efficiencies,” Professor Greenfield said.

“By investigating how to efficiently convert the power of hot rocks into useable electricity, the researchers could transform geothermal energy into an economically viable addition to Queensland’s electricity mix.

“The centre’s global reputation in this space has led to a series of international partnerships and a crop of excellent PhD students from Australia and six other countries.”

INFO ➔ www.uq.edu.au/geothermal
**Indigenous Leadership**

**UQ Has Appointed a New Member of the Senior Executive to Drive Indigenous Initiatives.**

UQ has confirmed its commitment to supporting educational and employment opportunities for Aboriginal and Torres Strait Islander peoples with the appointment of a Pro Vice-Chancellor (Indigenous Education) to lead all Indigenous initiatives across the University.

Indigenous health expert Professor Cindy Shannon – a Ngugi woman and descendant of the Quandamooka people of Moreton Bay – has been selected for the position.

Professor Shannon will initially be responsible for leading the implementation of a comprehensive Indigenous strategy to strengthen leadership within the University in relation to Indigenous education and links to the community as part of UQ’s new Strategic Plan 2011–2015.

UQ Vice-Chancellor Professor Paul Greenfield said by creating the new position and appointing Professor Shannon, the University was declaring its commitment to stronger leadership in Indigenous higher education.

“UQ has a responsibility to extend to young Aboriginal and Torres Strait Islander people the same excellent opportunities that we offer all young Australians,” he said.

“For maximum impact we must work alongside Indigenous Australians, and the respect earned by Professor Shannon in academic and Indigenous circles makes her the ideal person to fill this demanding leadership role.

“Professor Shannon’s effectiveness is reflected in her outstanding contributions to national health policy and her central part in introducing UQ health degree programs that are making a positive difference in Indigenous communities.”

Professor Shannon is the Chair of the Queensland Aboriginal and Torres Strait Islander Foundation, which was established in 2008 and currently funds 450 scholarships to support Indigenous students in grades 11 and 12. She said her core goals as UQ’s Pro Vice-Chancellor (Indigenous Education) were to improve the participation and success of Indigenous students at university.

“UQ is well placed to support the higher education aspirations of a number of these scholarship recipients,” she said.

“The University has significantly extended the number of scholarships available to Indigenous students and our outreach program that provides support to prospective Indigenous students in Years 11 and 12 has helped students succeed at university.

“We also intend to take a proactive approach to Indigenous student recruitment through developing close relationships with communities.”

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**Making a Human Investment**

Individuals step up to tackle society’s biggest problems.

Wealthy entrepreneurs and business leaders who are less risk-averse and more nimble than governments will help solve the world’s biggest issues in coming decades, according to two philanthropy experts.

Matthew Bishop and Michael Green, the authors of *Philanthrocapitalism: How Giving Can Save the World*, toured Australia in March, conducting forums for philanthropists and not-for-profit organisations (NFPs) to discuss the big challenges faced by society and the role philanthropy can play in inspiring solutions.

According to the authors, philanthrocapitalism is a new way of doing good, mirroring the way business operates.

“Philanthrocapitalists can do the risky, innovative things that government cannot, to find new solutions to longstanding and unresolved problems,” Mr Bishop said.

“Entrepreneurs don’t just want to write cheques; they want to be hands on, bringing innovative ideas to scale by investing their time and energy.

“The same applies for social entrepreneurs – philanthrocapitalism describes the growing belief among the winners of capitalism that giving back is an integral part of being wealthy.”

UQ Vice-Chancellor Professor Paul Greenfield said the University had co-hosted the authors’ tour because its own experiences had proved the transformative power of strategic giving.

“Strategic philanthropy has enabled UQ to dramatically increase its capacity to contribute to global problem-solving and offer life-changing education to young people from disadvantaged backgrounds,” he said.

Michael Green, Matthew Bishop and Perpetual’s General Manager Andrew Thomas

“Now is the ideal time to prompt an Australian conversation about philanthrocapitalism, not only because collaborative philanthropy can make deep inroads into national problems, but also because magnanimous Australians are starting to talk more openly about their generosity.

“They are not ‘big noting’ themselves; instead they are rallying their peers to join a millionaires’ revolution that will stimulate improvements in health, education, poverty, the environment, food security and other areas.”

During the tour, Mr Bishop and Mr Green drew on insights gained from their interviews with some of the most powerful and influential people on the planet, including Bill Gates, Richard Branson, Angelina Jolie and Bono, as they spoke to Australian philanthropists and NFPs.

“Although the book focuses on wealthy donors, it is not just or even mostly about the rich. Instead, it uses the rich as a lens to look at how society is changing the way it solves its biggest problems, by bringing together business, NFPs, governments, social entrepreneurs and philanthropists in innovative partnerships,” Mr Green said.

The eight-day tour was also hosted by investment and trustee group Perpetual and included forums for philanthropists and NFP organisations in Brisbane, Sydney, Melbourne and Perth.
The University of Queensland’s $7.75 million solar power system at St Lucia has reached a milestone, with installation completed on one of the project’s most visible components.

UQ is leading the way in solar power research after a seven-metre by six-metre 8.4 kilowatt photovoltaic (CPV) array that tracks the sun was installed on Sir Fred Schonell Drive, adjacent to UQ’s multi-storey carparks recently.

Professor Tim Flannery, Head of the Australian Government’s Climate Commission, inspected the array in April. He was accompanied by commissioners Professor Will Steffen, Professor Lesley Hughes and Mr Gerry Hueston.

The CPV tracking array is one component of UQ’s 1.22 megawatt solar generation system, which will be Australia’s largest and most powerful solar power system of its kind on completion next month.

In establishing the system, UQ is working closely with industry in a key renewable energy growth area.

Once all components are installed, the system will span four buildings at St Lucia, effectively coating the rooftops with 5000 polycrystalline silicon solar panels.

After being connected to the UQ power grid, the tracking array had its first full-sun day on March 23, allowing it to be calibrated to the sun’s position and to start generating power.

The CPV array is valued at about $90,000, and has been donated by Ingenero, the Brisbane firm that won the contract to install the overall 1.22 megawatt CPV solar array on campus.

The CPV tracking panel is made up of 28 separate photovoltaic modules, each with 20 individual reflectors and a high-efficiency solar cell. It is motor-driven on a dual axis to keep it closely aligned with the sun so optimum energy harvesting is ensured.

UQ’s is one of only 31 CPV tracking panels in Australia; the other 30 are located at the Alice Springs Airport.

Professor Paul Meredith, of UQ’s School of Mathematics and Physics and Global Change Institute, said the January floods had set back the schedule of the project, so it had been “very gratifying” to see the CPV array begin generating power in recent months.

“We were busy installing the major parts of the solar array around the St Lucia campus from late last year, but much of that activity was out of sight, because it is on rooftops,” he said.

“The CPV solar tracking array is a high-visibility flagship for the overall UQ solar project.”

UQ Property & Facilities and the interdisciplinary UQ Renewable Energy Technology Advisory Committee is coordinating the project, supported by industry partners Ingenero, RedFlow, Energex and Trina Solar.

In another step forward for the UQ solar project, RedFlow’s zinc-bromine battery modules arrived on site at St Lucia in April.

UQ SOLAR ARRAY POWERING AHEAD

UQ lecturer spearheads Global Water Experiment.

School students across the globe will explore one of our most critical resources as part of the world’s largest science experiment, with a UQ lecturer leading the project in Australia.

Co-Chair of the Global Water Experiment and School of Education lecturer Dr Tony Wright said the study aimed to bolster enthusiasm for chemistry among school-aged children.

Students conduct experiments that allow them to learn about the properties of water and the role chemistry plays in water quality and purification.

“It’s going to get data from students around the world and right across the phases of schooling,” Dr Wright said.

“Primary students will be exposed to some of the properties of water, and then much more sophisticated experiments will be done in senior high school.”

Students are able to enter their results in an online database, allowing them to share, analyse and compare the data.

“The results themselves probably won’t be of sufficient provision to be used in scientific experiments, but they should give a very good picture of the qualities of water around the world,” Dr Wright said.

The Global Water Experiment was launched on World Water Day (March 22), with students from Graceville State School in Brisbane among the first participants.

The initiative is run through a partnership with UNESCO and the International Union of Pure and Applied Chemistry.
Researchers at The University of Queensland have found male humpback whales “change their tune” every year during their migration across the Pacific.

A study on whale song published in April in Current Biology revealed a rapid transfer of culture over a great distance, which is unmatched by non-human species.

UQ PhD student Ellen Garland said 11 different humpback whale song types were identified, which typically started in the eastern Australian population and spread in a step-wise fashion across the region to French Polynesia.

“I noticed that the songs moved quite rapidly through the six populations, usually taking two years to spread all the way across the region,” she said.

“This can compare to the game of Chinese whispers, except the song appears to be transmitted with little change unlike a human sentence in the game.”

Ms Garland said songs had spread across whale populations suggesting acoustic contact or male dispersal between populations in the region.

“The reason we believe the song tends to travel east is because the eastern Australian population is the largest in the region and has a greater influence than the smaller Oceania ones,” she said.

Previous research has revealed that only male humpback whales sing and that song is a behaviour used in courtship and mating.

Ms Garland said all of the males in a population sang a similar song, but it was continually changing and evolving over time.

“Song can undergo evolutionary change, which occurs over a long period of time, or revolutionary change, where the males start singing a completely new song,” she said.

“We believe the song is continually changing because the males wish to be novel or slightly different to the male singing next to them.”

“The way whales change their song can be compared to how humans follow fashion trends – someone starts a new trend and before you know it everyone starts wearing the same thing.”

The study is the first documentation of a repeated, dynamic cultural change occurring across multiple humpback whale populations across a large geographical scale.

It was undertaken in collaboration with the South Pacific Whale Research Consortium and investigated song similarity over an 11-year period within the South Pacific region, focusing on the populations of eastern Australia, New Caledonia, Tonga, American Samoa, the Cook Islands and French Polynesia.
UQ is fostering a unique international development learning experience.

A new internship program is helping UQ students work with vulnerable communities overseas.

Master of Development Practice student Rebecca Upton recently completed an internship with the International Development Division of UQ’s main commercialisation company, UniQuest, and is now working part time for the expanding group.

“My passion lies with working in developing countries, so it’s been a fantastic experience to work with UniQuest, which has such a great reputation and is involved with a lot of important projects overseas,” Ms Upton said.

“The internship has exposed me to a wide scope of the business; I’ve gained an incredible insight into the industry, and learnt so much. Ultimately, this is the type of work I’d like to continue with into the future.”

UniQuest’s International Development Division is one of Asia-Pacific’s leading university-owned development groups with clients including AusAID, NZAID, the Asian Development Bank and the World Bank.

The internship program was implemented as part of a closer working relationship between UniQuest and the Faculty of Social and Behavioural Sciences (SBS).

International Development Division General Manager Mel Dunn said the collaboration set UniQuest apart from its competitors and enhanced UQ’s contribution to international development and engagement objectives.

“UniQuest’s technical expertise and program management in international development has always been significantly enhanced by UQ’s resources and capabilities, and now we are directly accessing the latest learning in the sector and applying it to our work with communities,” he said.

“The internship program has been terrific and is a clear example of the ‘UQ Advantage’ that is attracting postgraduate students to Brisbane. Students are gaining an additional level of exposure to the development sector, and UniQuest is getting smart, enthusiastic people to join our team and contribute to fresh solutions for our clients.”

Executive Dean of the SBS Faculty Professor David de Vaus said he wasn’t aware of any other Australian university that had on-campus access to an international development company.

“UQ students have an extraordinary opportunity to apply their theoretical training while also leveraging the expertise of development sector professionals,” he said.

A similar internship program also operates in UniQuest’s Technology Commercialisation Division, where UQ Business School students are given the opportunity to work as technology analysts within the company.


More services between Indooroopilly and UQ

From Monday 6 June, TransLink will increase the frequency of routes 427, 428 and 432 to provide more regular and reliable services between Indooroopilly and The University of Queensland, St Lucia.

Route 427, 428 and 432 services will increase to provide a combined approximate 10 minute peak and 15 minute off-peak frequency from Indooroopilly to UQ, Monday to Friday.

These bus services will meet trains in the peak direction (including express services) on the Ipswich and Richlands lines, Monday to Friday.

This means fast, frequent and reliable transfers to and from uni, any time of day.

For more information, or to download a copy of the new timetable, visit translink.com.au or call 13 12 30 anytime.

For more information
translink.com.au 13 12 30 anytime

STRATEGIC VISION

The 2010 Annual Report is now available, covering the activities of the University’s Centenary year, and other major achievements and outcomes.

During 2010, The University of Queensland continued to perform well across a range of quality indicators. UQ sits in the top one percent of all universities globally, and has won more national teaching awards than any other Australian university.

UQ’s Strategic Plan 2011–2015 has also been released, and captures how the institution will realise the “UQ Advantage”.

The “UQ Advantage” is the rich and unique set of opportunities the University offers its students, staff and alumni, and is outlined in detail in the plan.

The plan will guide the University’s direction for the next five years and is defined around the key themes of learning, discovery and engagement.

INFO → To receive a copy of the 2010 Annual Report, contact Sharon Douglas on (07) 3365 3367 or s.douglas@uq.edu.au
First-year UQ science students are embracing a more personalised learning experience following the unveiling of new teaching laboratories. Located within the School of Biological Sciences, the $3.5 million learning space combines modern computing with traditional wet lab facilities and the latest audio-visual technology.

School of Biological Sciences First Year Coordinator Dr Louise Kuchel said the laboratories were designed to facilitate small group learning in the face of large classes. The labs encompass two large rooms that can each accommodate up to 112 students, with a modern preparation area in between. In these rooms students will learn everything from traditional dissections to interrogating online genetic databases.

"Students are now able to research information on the Internet in real time while doing experiments and analysing the data, which boosts the opportunities for student-driven learning," Dr Kuchel said.

The labs are designed to host a variety of class types, from modelling population growth to dissecting sea-snakes and manipulating DNA. These renovations come shortly after the School of Biomedical Sciences completed a major refurbishment of their laboratories with an aim to facilitate greater opportunities for student-centred learning.

School of Biomedical Sciences Teaching Services Manager Stephen Moss said the facilities allowed students to learn and apply real world concepts simultaneously. "We are not just teaching science, we are teaching students to think like a scientist," he said.

The School of Biomedical Sciences labs include powerful microscopes, walls that serve as interactive whiteboards, moveable demonstration benches and computers incorporating the latest data acquisition and analysis software. Mr Moss said the design of the new spaces enabled better discussions and interactions, and had already proven popular with students.

Pharmacy students at UQ are learning how to perform drug dosing calculations by working in an innovative virtual world.

UQ is one of 10 institutions from around the world that has collaboratively developed a new learning resource utilising online platform Second Life. The group have created a virtual island called Pharmatopia, which is divided into four zones – a manufacturing zone, clinical zone, community zone and industrial zone – each with specific teaching and learning objectives.

Lecturers Jacqueline Bond and Sally Firth, who helped develop Pharmatopia, introduced first-year students to the resource this semester. UQ’s contribution to Pharmatopia is currently being evaluated by pharmacy honours student Helender Singh.

Ms Bond said the resource allowed students to practise pharmaceutical calculations required for the compounding process. "Calculations are presented as prescriptions from virtual patients, phone enquiries or ‘chats’ with virtual nurses, doctors and patients," she said.

"Students select the required ingredients from an extensive selection of drugs and raw materials and measure out the correct amount or provide other dosage-related data as prompted. "It's a much more fun way to learn calculations than the way we were traditionally taught and it's been a very exciting project to develop."

The project brings together expertise from each of the collaborators in a shared practice model, in which each university builds a virtual teaching module. UQ’s contribution is a virtual compounding dispensary located in the manufacturing zone.

Ms Singh said she saw great potential in the new resource. "The virtual environment provides real-time feedback on a student's progress, and allows students to practise an exercise many times without consuming actual resources, occupying laboratory space or needing the guidance of a tutor," she said.

"The project is currently in its Beta phase, and will continue to expand as new environments are added, but it seems the sky is the limit," Ms Bond said.

INFO → j.bond@pharmacy.uq.edu.au
Visitors are invited to take a trip through hallucinogenic patterns, optical illusions and cosmic landscapes with The University of Queensland Art Museum’s latest exhibition, *New Psychedelia* occupies the entire ground floor of the museum until July 3 with pieces by 43 contemporary Australian artists, including one that requires 3D glasses.

“A new psychedelia has undoubtedly emerged in the past decade as an off-spring of the rave party, but also out of the décor of virtual reality and what William Gibson dubbed the ‘consensual hallucination’ of cyberspace,” Dr Edward Colless writes in the exhibition catalogue.

Curator Sebastian Moody said it was debatable whether recent explorations of psychedelia represent a countermovement to the “Turn On, Tune In, Drop Out” mentality of the 1960s.

“The contemporary interest in psychedelia is not driven by a drug culture as it was in the 1960s, though the term ‘psychedelic’ arose from trials of LSD, mescaline and other hallucinogens for therapeutic purposes,” Mr Moody said.

“However, conjuring the spirit of the ‘psychedelic’ experience remains critical to the aesthetic, and the idea of expanding consciousness – finding a bridge between inner and outer worlds – is central to all of the artworks in the exhibition."

Among the featured works are a pulsing abstract painting by Dale Frank, Sandra Selig’s...
The new Director of The University of Queensland Art Museum, Dr Campbell Gray, was happy to be lured back to Australia to take up his position.

Dr Gray (pictured) commenced his role in March after presiding over the Museum of Art at Brigham Young University in Utah for 14 years.

He said staff at his former workplace were surprised when he resigned his post: “They thought they had me for life!”

Dr Gray holds a PhD in art history from the University of Sussex and has extensive experience in the higher education sector.

“One of the dimensions that really strikes me about UQ is its strong, exciting academic environment,” he said.

“The UQ Art Museum has a really wonderful opportunity to contribute to academic discourse within the University’s curriculum.”

Dr Gray said he was enjoying being “home among the gum trees” and working in the stunning James and Mary Emelia Mayne Centre, which is home to the museum.

Prior to his time in the United States, Dr Gray held academic and leadership roles at the University of Western Sydney, where he was coordinator of its museum studies activities.

UQ Senior Deputy Vice-Chancellor Professor Michael Keniger said in addition to having significant experience in higher education, Dr Gray had worked extensively with public galleries.

“Campbell was the inaugural Director of the Lewers Bequest and Penrith Regional Art Gallery in New South Wales,” he said.

“With an academic background in museum studies, he will build on the relationship between the art museum and the academic activities of the University.”

Dr Gray replaces Nick Mitzevich, who was appointed Director of the Art Gallery of South Australia last July.

Professor Keniger thanked Acting Director Michele Helmrich for her leadership of the UQ Art Museum prior to Dr Gray’s arrival.

UQ began acquiring art in the early 1940s and now holds the second-largest public art collection in Queensland. For the remainder of 2011, it will also house the UQ Antiquities Museum collection on the ground floor.


The museum is open free to the public from 10am–4pm seven days a week.

INFO ➔ www.artmuseum.uq.edu.au
A UQ graduate is using his skills to reduce child mortality rates in a remote part of Indonesia.

Jerico Franciscus Pardosi is currently working on an AusAID project in the Nusa Tenggara Timur Province (Ende District) where a significant number of children die during birth or under the age of five due to unknown causes.

“These statistics are terrifying. There are inequalities accessing health services across Ende in relation to antenatal care and it is important to do an in-depth analysis to determine the unknown causes of death in this region,” Mr Pardosi said.

Notably, the death toll for infants and children under five is three times higher in rural than urban areas in Ende District.

Research undertaken during his Masters of International Public Health allowed Mr Pardosi to complete field work in Indonesia, which was supported by his advisors from UQ’s School of Population Health.

Mr Pardosi (pictured) is currently a junior researcher for the National Institute of Health Research and Development in the Ministry of Health in Jakarta.

He leads antenatal care and birth delivery research in Karawang District, West Java, and also manages the Health Science Journal of Indonesia. He hopes to become a leading expert in the field of maternal and child mortality research.

Mr Pardosi is also a recipient of a UQ Indonesian Alumni Award, which was announced during a senior UQ delegation to the region last year.

The honour has allowed Mr Pardosi to share his experiences and build ongoing health research collaboration between UQ and the National Institute of Health Research and Development in areas including HIV-AIDS. His next career step is to undertake a doctorate.

“If I did not have this job today if it weren’t for the excellent support and opportunities I had during my time at UQ,” Mr Pardosi said.

“Doing a PhD will help my career and allow me to delve further into the mortality issues that Indonesian children are facing.”

“My PhD will provide a pathway for me to assist in reducing infant mortality by educating families and influencing health systems.”

UQ has awarded more than 13,000 research higher degrees to graduates who have since become leaders in all areas of research, society and industry.
Three UQ academics have been selected for a top research exchange.

Three UQ staff members – Dr Jorge Beltrami, Professor Ian Godwin and Dr Marcin Ziemska – are among the select group of 17 academics chosen to travel overseas and collaborate with international colleagues.

Dr Beltrami’s research focuses on the development of clean fuels and green chemicals using nanocomposite materials as catalysts, and will travel to Italy to visit world-leading research centres in the field.

Dr Beltrami said the visit provided an invaluable opportunity to strengthen existing collaborations and exchange knowledge with top experts.

“Having access to world-class facilities overseas and being able to work with international leaders in this field, will take our research to a higher level,” he said.

“It will also allow Australia to enhance its competitiveness in this area of science and help researchers like myself to develop new frontier technologies in anticipation of the nation’s future demands.”

Professor Godwin will travel to Germany and Switzerland, where he will collaborate with researchers on the development of biomass feedstocks for renewable energy.

“My research focuses on crops as a source of biomass, in particular forage sorghum and maize,” Professor Godwin said.

“Taking part in this program is a chance to develop future linkages with German scientists and seek joint funding opportunities for international collaborative research,” he said.

Dr Ziemska is a senior research fellow at UQ’s Bryan Mining and Geology Centre and will travel to Turkey for his placement.

Deputy Vice-Chancellor (International) Dr Anna Ciccarelli said the University was proud to have three researchers selected for the program.

“Strengthening our ties with top international research institutions and centres is key to extending our research initiatives and showcasing our excellent scientific achievements,” she said.

UQ LAW GRADUATE NAMED WORLD ECONOMICS FORUM YOUNG GLOBAL LEADER 2011.

A graduate of UQ’s TC Beirne School of Law, Dr Kala Mulqueeney, has been named a Young Global Leader 2011 by the World Economics Forum.

Dr Mulqueeney was one of 190 Young Global Leaders announced by the forum in Switzerland in March.

Each year, the World Economic Forum recognises up to 200 outstanding young leaders from around the world for their professional accomplishments, commitment to society and potential to contribute to shaping the future of the world.

Dr Mulqueeney graduated from UQ in 1992 with a Bachelor of Commerce, and a Bachelor of Laws with first-class honors and a University Medal a year later. She received her doctorate from Harvard Law School and is currently Senior Counsel for the Asian Development Bank (ADB) in Manila.

In 2010 Dr Mulqueeney was named a Yale World Fellow and one of the Top 40 Hottest Lawyers by Australasian Legal Business (ALB) News for her work in the area of clean energy.

Dr Mulqueeney has worked on multiple projects across Asia and has also been based in New York. Her career has spanned private sector law firms, not-for-profit public interest work, teaching in Asian law schools, and the ADB.

For more information about research higher degree opportunities, contact the UQ Advantage team on (07) 3346 0508 or uqadvantage@gradschool.uq.edu.au
The public face of The University of Queensland's Thanksgiving Service and Body Donor program, Leo Brown, has recently retired after more than 49 years with the same employer.

Mr Brown, of the School of Biomedical Sciences, is a familiar and dignified voice on the airwaves, answering public queries about body donations and the UQ Thanksgiving Service, which this year took place on May 5. Although he has worked in the same building for all his tenure at UQ, Mr Brown's reach has spanned generations of medical, science and allied health professionals studying anatomy.

“I have been privileged to make friends with people from all walks of life,” Mr Brown said. “It has been particularly gratifying to see students move through their study programs to make their mark.

“I also have medical professionals come up to me to say their parents had been through the program, and that they also wished to donate their bodies to assist future generations, which is a wonderful, altruistic gift.”

UQ has been receiving body donations since 1927.

Since that time, more than 50,000 health sciences students, including 10,000 Queensland medical graduates, as well as surgical registrars and practising surgeons, nurses, ambulance and police, fire and emergency services officers have benefitted in teaching and learning activities.

The study of anatomy includes surgical skills development and medical research to investigate issues that continue to perplex medical science.

Donated bodies helped to advance medical and scientific knowledge to promote health and alleviate suffering, Mr Brown said.

Since 1992 the University has held an annual Thanksgiving Service, an opportunity for staff and students to express appreciation for the generosity of people who donate their bodies to the University for use in teaching and research.

The service was the first of its kind in Australia or New Zealand, and has been widely copied.

It was initiated by a committee chaired by Dr Walter Wood of the then Department of Anatomy, with Mr Brown succeeding as Chair in 2000.

Raised on a Rosewood dairy farm, Mr Brown joined UQ straight after completing Year 10 at Ipswich Christian Brothers College.

“My dad said: ‘What could be more secure than The University of Queensland?’”

“It has been so secure I’ve stayed here my whole working life.”

He commenced at age 15 as a laboratory attendant in the anatomy practical room.

Within a year, he learnt the skills of embalming bodies, and also showed slides in lectures, worked in the dissection room, became a research animal attendant, and assisted in preparation of anatomical teaching, surgery and museum specimens.

He also photographed specimens and even filmed dolphin behaviour at sea. Memorable tasks included assisting in Dr Wood’s project to record, retrieve and relocate Aboriginal remains at the Broadbeach burial grounds.

Mr Brown’s career progression included becoming department manager in 1990, and he retired as Manager of Corporate and Academic Services in the School of Biomedical Sciences. He is also Past President of the Australasian Institute of Anatomical Sciences. He is succeeded at UQ by Dr Shannon Armstrong.

The Head of the School of Biomedical Sciences, Professor Wally Thomas, said Mr Brown had touched the lives of many people for the better.

“Leo is part of the fabric of this school and he will be deeply missed by his colleagues and many friends; he is a gentleman of the highest standing and I wish him a long and healthy retirement,” he said.

“Five decades of service”

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“Five decades of service”
FINGERPRINTS LEAD TO FULBRIGHT

YOUNG RESEARCHER TO LEARN FROM TOP INTERNATIONAL EXPERTS.

UQ PhD candidate Matthew Thompson has received a prestigious Fulbright Queensland Scholarship to further his research into fingerprint matching accuracy in the USA.

In collaboration with experts from the Los Angeles Police Department and the FBI, Mr Thompson will determine the accuracy of human fingerprint experts, explore the psychology that affects how well they match prints, and maximise the reliability of evidence in the criminal justice system.

“Every day law enforcement agencies identify thousands of fingerprint matches that can be used as evidence in convicting criminals,” Mr Thompson said.

“Contrary to popular belief and TV shows like CSI, computers are not relied upon to match crime-scene fingerprints. Instead, human fingerprint experts decide whether a print belongs to a suspect or not.”

Mr Thompson (pictured), said there have been few peer-reviewed studies directly examining the extent to which experts can correctly match fingerprints to one another, despite the 100-year history of the practice.

“Mistakes made to date have resulted in innocent people being wrongly accused,” he said.

The Fulbright will allow him to carry out his research at the University of California, Los Angeles and work with leaders in the field, Dr Itiel Dror and Professor Jennifer Mnookin.

Mr Thompson is confident the outcomes of his research will improve the welfare of Australians and Americans by upholding the process of law, and help to prevent wrongful convictions.

“I’ll work with fingerprint experts in the US to determine the factors about the person and the print that will allow experts to make the most accurate matches,” he said.

The Fulbright program is the largest educational scholarship of its kind, and was created by US Senator J William Fulbright and the US Government in 1946. Aimed at promoting mutual understanding through educational exchange, it operates between the US and 155 countries. The Fulbright Queensland Scholarship is funded by the Queensland Government and Queensland-based universities.

Mr Thompson is one of 26 talented Australians to be recognised as a Fulbright scholar in 2011.

SIBLINGS STUDY

University of Queensland researchers are exploring the influence siblings may have on the social behaviour of autistic children.

PhD candidate Karen O’Brien from the School of Psychology said children with autism could have difficulties in social interactions and their siblings played an important role in their development.

“Children acquire the ability to identify mental states, also known as ‘theory of mind’ (ToM), at around four years of age,” she said.

“The research showed that having child-aged siblings was positively associated with the child’s ToM, in particular the children who had younger siblings.”

ON TOP FOR TECH

UQ has been confirmed in the top global tier of universities in the first ever QS World University Rankings® for technical subjects.

UQ was listed in the top 50 in the world for chemical engineering (world rank 29), civil and structural engineering (34) and computer science and information systems (48).

It was also ranked in the top 100 in electrical and electronic engineering, and mechanical, aeronautical and manufacturing engineering.

Rankings were based on a methodology that included academic reputation, employer reputation, and the number of citations per paper.

BLAST OFF

Blasting the myth that explosion experts can only destroy, Professor David Cliff has been appointed as the new Director of the Minerals Industry Safety and Health Centre (MISHC) at The University of Queensland.

An internationally regarded expert in his field, Professor Cliff recently worked as an advisor for New Zealand Police on their rescue and recovery operation at the Pike River coal mine disaster.

Professor Cliff, who succeeds Professor Jim Joy, will focus on the centre’s strengths of building safety and improving emergency management at mine sites.
JOHANNES GUTENBERG’S PRINTING PRESS HAS BEEN COMMUNICATING IDEAS SINCE 1440.

IMAGINE IF HIS INVENTION HAD NEVER BEEN DISCOVERED.

A share of $100,000 in cash prizes gives staff and students from all UQ faculties, institutes and research centres an incentive to communicate their entrepreneurial ideas and innovations via UniQuest’s annual Trailblazer competition. All entrants will also have two chances to win an iPad. Entries can relate to businesses, products, services, technologies or other inventions.

Finalists will receive professional pitch presentation skills training, and winners from the UQ Final will go on to compete against representatives from four other universities in a Grand Final on 15 August.

Trailblazer is about identifying and rewarding ideas and innovations that have the potential to benefit the community, industry or business, says UniQuest Managing Director, David Henderson.

“It’s also about helping university researchers, the people behind the ideas, to think about how a commercial pathway could attract wider interest in their work and additional sources of funding for research. It’s about putting academic minds in touch with the business experts who can help make those ideas shine.

“UniQuest has been running Trailblazer for nine years. Many Trailblazer finalists and winners have leveraged what they gained from the competition to attract grants and commercial investment to further their research.

“More importantly, Trailblazer offers a unique opportunity for ideas – from the Arts and Humanities, the Sciences, Business and IT – to spark into something bigger and brighter and beneficial for many more people.”

EMPLOYERS COME CALLING

Rainy weather didn’t deter students from making the recent UQ Careers Fair the largest in the University’s history.

One hundred and forty exhibitors and approximately 5500 students attended, with the aim of taking face-to-face with potential employers.

UQ Careers and Graduate Employment Manager Daniel Capper said the fair was relocated to the Great Court this year, which proved to be the ideal venue.

“The prime location and quality of the event meant that not even the rain deterred people from attending, as thousands of students came along to network with the employers.”

Mr Capper said the exhibitors were overwhelmed by the number of serious job hunters.

“Some of the employers provided up to 50 percent more recruitment information than in previous years because so many students were keen to enter the job market,” he said.

“It was everything that the employers have come to love about the UQ Careers Fair was available – high-achieving students, great surroundings, exceptional food and refreshments, and helpful staff who were assisted by enthusiastic student ambassadors.”

The Careers Fair offers both public and private industry recruiters a perfect place to promote their graduate programs to students in their final years of study, with some prospective employers also offering vacation work, internships, work experience, scholarships and co-op programs.

UQ students are encouraged to make the most of the employment training and resources offered through Student Services.

INFO ➔ www.uq.edu.au/careers

CLINICAL TRIALS

The Wesley Research Institute Clinical Trials Centre is looking for volunteers to participate in research studies for new medications and vaccines.

You may be suitable to participate if you are:

- Generally healthy
- Aged 18 years and over
- Able to attend visits at The Wesley Hospital in Auchenflower

Study volunteers will be financially reimbursed for their time and inconvenience.

For further information and to register your interest, please contact The Wesley Research Institute Clinical Trials on 07 3721 1523 or visit www.wesleyresearch.org.au

These studies are conducted under the Australian and international guidelines for medical research under the approval of an Australian Research Ethics Committee.

INFO ➔ www.wesleyresearch.org.au

CAREER FEAST

The popular Future Experiences in Agriculture, Science and Technology (FEAST) event will take place at UQ’s Gatton campus next month.

FEAST, to be held from July 3–7, is designed to equip students in years 10, 11 and 12 with the knowledge and hands-on experience to make informed decisions about future career paths.

The Experience Agriculture program is also available, allowing teachers to join their class for interactive activities run by UQ students.

“FEAST helped give me career direction, meet people and learn more about my chosen campus,” first-year Bachelor of Applied Science student Hannah Roan said.

A night calendar full of sporting and social activities means prospective students also get the full experience of living and studying on campus.

FEAST is attended by students from across Queensland and New South Wales each year.

INFO ➔ www.uq.edu.au/gatton
BOOK BARGAINS PROVE A HIT

BIENNIAL BOOK FAIR ATTRACTS THOUSANDS.

The popular UQ Alumni Book Fair has raised almost $100,000 including $15,000 from the signature rare book auction.

Approximately 150,000 books, magazines, CDs and sheets of music were available at the April event, which was held at the UQ Centre.

President of the Alumni Friends of the University of Queensland Inc Patricia Jones said more than 40 volunteers pitched in to ensure the fair was a huge success.

“On the first day we had three cash registers and three EFTPOS machines running all day,” Ms Jones said.

Held every two years, the event aims to raise funds for student scholarships, University projects, and to bring alumni and members of the general public to the St Lucia campus.

The fair offers everything from art to zoology titles, with organisers and volunteers collecting and sorting titles immediately after the 2009 sale.

Bringing in the highest bid from the rare book auction this year was an atlas of engravings, which fetched an impressive $3000.

A WELL-BUILT CAREER

Architecture icon caps off three decades of service.

Prominent architect Professor Brit Andresen has bid a fond farewell to UQ after a successful academic career spanning 33 years.

Professor Andresen is recognised for her thoughtful works of architecture and her tireless advocacy for architectural design, and has exhibited projects internationally including at the 2010 Venice Biennale.

A farewell function was held in March to coincide with the launch of a special issue of international architecture magazine UME 22, entitled “Andresen O’Gorman Works 1965–2001”.

The publication showcases the work of Professor Andresen and her late husband and fellow architect Peter O’Gorman. Andresen O’Gorman Architects are known for works including Ocean View Farmhouse at Mount Mee (1994), Mooloomba House at Point Lookout (1998) and Moreton Bay House in Wynnum (2001).

Deputy Head of UQ’s School of Architecture Dr Antony Moulis said Professor Andresen’s legacy to the profession was multi-faceted.

“Professor Andresen was the first female architect to be employed by The University of Queensland and has been an inspiration to both her colleagues and students for more than three decades,” Dr Moulis said.

Professor Andresen received a UQ Excellence in Teaching Award in 1990, and in 2002 was the first woman to receive the prestigious Royal Australian Institute of Architects Gold Medal. She has been appointed Emeritus Professor in the School of Architecture.

An exhibition of Andresen O’Gorman works is on show at the State Library of Queensland until August.

INFO ➔ www.uq.edu.au/alumni

A student volunteers Ai Cin Ching and Bich Bui play their part in making the 2011 UQ Alumni Book Fair a success.
STUDENT PLAYS TO TWO DIFFERENT TUNES.

Joel Mechielsen certainly knows how to engage both sides of the brain – juggling his real estate studies with a burgeoning music career.

The Bachelor of Business Management student’s band Misère have signed with General Pants’ Major Label, with their new EP Natural Feel launched recently.

Mr Mechielsen described the band’s sound as incorporating an electro-pop structure with flowing lyrics, drumbeats and streaming guitar riffs.

By signing a single album deal, the band has the flexibility to continue exploring new styles and sounds.

“We are always changing our style of music. Right now we are spending a lot of time writing music, which might be described as an ‘adventurous party through space and time.’ It’s somewhat atmospheric,” Mr Mechielsen said.

Mr Mechielsen said the group planned gigs and rehearsals around mid-semester and block exams to fit everything in.

In the coming months Misère plans to record more singles and play further shows around Brisbane and the Gold Coast.

“The Australian music scene is really supportive of local artists. People are becoming more interested in alternative music and I think we offer that with a twist of pop-dance,” Mr Mechielsen said.

Misère’s main goal is to play at Splendour in the Grass or be added as a local feature act at Brisbane’s Laneway Festival. In 2010 they performed at major festivals including Parklife and Summefielddayze.

Natural Feel was launched at barsoma on April 15.

Mixing music and management
UQ SPORT’S NIGHT OF NIGHTS

100 YEARS OF ATHLETIC EXCELLENCE CELEBRATED.

The University sporting community recognised last year’s outstanding athletic performances at the annual Blues & Sports Awards Dinner in March.

The 2010 Sportsman of the Year award was won by UQ cricketer and 2010 Sheffield Shield Player of the Year, Chris Hartley.

Rhythmic gymnast Danielle Prince (pictured) was named Sportswoman of the Year after her gold medal-winning performance at the Delhi Commonwealth Games in October.

The awards ceremony fell just days before the 100th birthday of sport at UQ, with the occasion commemorated by a video presentation and guest speech from Vice-Chancellor Professor Paul Greenfield.

The annual dinner is named after its distinguishing award, the University Blue – a form of recognition of high achievement in sport, honoured at The University of Queensland since 1913.

Recipients of Blues for 2010 were Ms Prince, Campbell Schmidt (triathlon), David Watts (hockey), James Hanson (rugby), Jacqui Day (hockey) and Joanna Sterling (windsurfing).

The tradition of a “toast to the Blues” was entertainingly upheld by former Wallaby and dual-sport Blue recipient Jules Guerassimoff.

The Uni Rebels Touch Football Club picked up the Club of the Year award after being named club champions of the Brisbane Touch Championships 2010 season.

The Club Volunteer of the Year award was kept in the family by Catriona Arthy of the UQ Rugby Club – sister of 2009 winner Heather Arthy.

UQ Australian Rules Football Club President Scott Young was named Club Administrator of the Year after being named AFL Queensland’s 2010 Volunteer of the Year.

Service awards were won by Andrew Lossberg of the UQ Cricket Club and Bruce Brown of the UQ Rugby Club.

UQ TENNIS BACK IN BUSINESS

Tennis at the St Lucia campus has been given a boost with eight courts re-opening after a long closure period due to the January floods.

With two new synthetic grass courts and some completely resurfaced hardcourts, the centre is keen to see players returning.

Five more hardcourts are in the process of being resurfaced and should be completed by early June.

The UQ Tennis Centre Pro Shop also suffered extensive damage in January.

While the shop is being rebuilt, the centre has set up a temporary reception and shop next door in the UQ Tennis clubhouse.

The new Pro Shop is set to open this month with a special grand re-opening event on Sunday, June 19. On the day, guests can check out the new facilities, score massive discounts on tennis racquets and also secure specials deals for programs.

The UQ Tennis Centre offers court hire, coaching programs and fixtures for adults and children. UQ students can also book the courts for free every weekday from 11am-2pm.

INFO ➔ www.uqtenniscentre.com.au

Volunteers required...

New drugs and vaccines can only be approved after clinical trial testing and we need your assistance to make this possible.

Can you set aside some free time for visits to Q-Pharm at the Royal Brisbane Hospital Campus? Some trials may require you to attend clinic visits for 1-2 hours or clinic confinements ranging from 12 hours to 7 days, or longer.

You will need to be generally healthy and aged between 18 to 55 years

• Contact us if you are interested and we will include you on our database
• You will receive financial reimbursement for time and inconvenience
• Amenities/meals are provided during trial participation

For further information please contact Q-Pharm on:

p: 1300 774 276
e: volunteer@qpharm.com.au
visit: www.qpharm.com.au

These studies are conducted under the Australian and international guidelines for medical research under the approval of an Australian Research Ethics Committee.
**EVENTS / NOTICES**

- **Thursday, June 9**
  Join Dr Andrew Glikson, earth and paleoclimate specialist, for a seminar on “The shift in the state of the atmosphere”. 12:30pm–1:30pm, Frank White Building, St Lucia. Information: (07) 3365 3558, k.henry1@uq.edu.au, www.gci.uq.edu.au

- **Tuesday, June 21**
  Learn more about how you can teach English overseas with an internationally recognised CELTA certification. 5.30pm–6.30pm, room 212, Sir Llew Edwards Building. Information: (07) 3346 6770

- **Thursday, July 14**
  Year 11 and 12 students are invited to “Careers that shape the world”, an annual event where students discover the career opportunities made available through studying at UQ. All day event, Great Court. Information: (07) 3365 2846, www.uq.edu.au/sbs/shapeyourworld

- **Sunday, July 24**
  Celebrations for the 75 Years of Medicine at UQ will include a concert by the Queensland Medical Orchestra. All proceeds go to the Ashintosh Foundation. 1:30pm–4.30pm, The Old Museum, Bowen Hills. Information: (07) 3365 5515, h.smith7@uq.edu.au

**GENERAL CLASSIFIEDS**

*Classifieds are free, but are available only to staff, students and visiting academics. Please send listings to: c.bird1@uq.edu.au*

- **For rent:**
  Flat in Highgate Hill, overlooking the river and close to public transport. Would suit staff or post-doc student. Cost $200/week. Contact 0413 838 417.

- **House sitter available:**
  Current available periods – early June to late August 2011 and after February 12, 2012. Contact: g.george@library.uq.edu.au or 0424 725 719

**SCHOLARSHIPS**

- **General Staff Development Prize 2011**
  General staff members who have been employed at the University for at least 3 years are invited to apply for the General Staff Self Development Prize. Worth: $150. Closing: June 30. Information: (07) 3365 1984, ugscholarships@uq.edu.au

- **John Fox Memorial Bursary 2011**
  Awarded to an orphan, or a fatherless Australian-born male, who is pursuing the Bachelor of Engineering (Electrical). Preference will be given to applicants who are enrolled in the third semester. Based on proficiency during the program. Worth: approx $700. Closing: July 1. Information: (07) 3365 1984, ugscholarships@uq.edu.au

**NOW SHOWING:**

- INCENDIES
- IN A BETTER WORLD
- HOW I ENDED THIS SUMMER

**Session times → www.schonell.com**

**UQ NEWS DEADLINES**

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Library hours available at www.library.uq.edu.au

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**AROUND CAMPUS**

**Cats back on the river**

The revival of the University’s CityCat terminal after the January flood has been welcomed by UQ students and staff.

The University terminal was re-opened on April 18 when Brisbane City Council announced it would be operating 21 of its 23 CityCat and CityFerry terminals.

BCC has also introduced a new morning express service from Riverside and South Bank to UQ.

To return service as quickly as possible to areas disrupted by the floods, temporary terminals have been installed at the following flood-damaged sites:

- University of Queensland (St Lucia)
- Regatta (Toowong)
- North Quay (City)
- QUT Gardens Point (City)
- Holman Street (Kangaroo Point)
- Sydney Street (New Farm)

The following terminals remain closed:

- North Quay (City) West End - to reopen by the end of July
- River Plaza – BCC is undertaking preliminary investigations to plan for the reconstruction of this terminal

New terminals at Teneriffe and Northshore will proceed, while upgrades at Bulimba, Hawthorne and Bretts Wharf will be delayed.

INFO → www.translink.com.au, 13 12 30

**SERVICES ARE OPERATING AS USUAL FROM THE FOLLOWING TERMINALS:**

- Apollo Road (Bulimba)
- Bulimba
- Teneriffe
- Hawthorne
- New Farm Park
- Bretts Wharf (Hamilton)
- Norman Park
- Mowbray Park (East Brisbane)
- Sydney Street (New Farm)
- Dockside (Kangaroo Point)
- Holman Street (Kangaroo Point)
- Riverside (City)
- Eagle Street Pier (City)
- Thornton Street (Kangaroo Point)
- QUT Gardens Point (City)
- South Bank 1 and 2 (South Brisbane)
- South Bank 3 (South Brisbane)
- North Quay (City)
- Regatta (Toowong)
- Guyatt Park (St Lucia)
- University of Queensland (St Lucia)
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