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**St Lucia Open Day**  
Sunday 7 August  
9.00am–4.00pm

**Ipswich Open Day**  
Sunday 21 August  
10.00am–2.00pm

**Gatton Open Day**  
Sunday 28 August  
9.30am–3.00pm

*Attrib: Lord Thomas Dewar

Visit [www.uq.edu.au](http://www.uq.edu.au) to download an Open Day program
MESSAGE FROM THE VICE-CHANCELLOR

UQ’s cutting-edge research has received a tremendous boost following a series of very positive announcements.

The Bill and Melinda Gates Foundation is providing $9 million as part of a global scheme to stop the spread of the life-threatening dengue fever virus in a study led by UQ’s Professor Scott O’Neill. The work is largely funded by the Grand Challenges in Global Health initiative, with UQ contributing $1 million toward the project.

In addition, the Foundation has given $24.7 million to develop technologies to improve public health around the globe. UQ’s Professor Alan Lopez is a lead researcher in the Population Health Metrics Research Consortium Project, in partnership with teams from Harvard University, Johns Hopkins University, and the Broad Institute in the US.

These research grants are a share of a $525 million worldwide scheme, which seeks to identify critical scientific challenges in global health and fund increased research on diseases that cause millions of deaths.

UQ also recently unveiled an innovative plan to put Queensland at the forefront of clinical medical research. The Queensland Government and UQ are each contributing $20 million to the $60 million UQ Centre for Clinical Research to be located at the Royal Brisbane and Women’s Hospital.

The University also continues to set the pace in securing grants through the Australian Research Council’s Linkage project, which connects universities and industry through research collaboration. Including partner contributions from industry, business and government, UQ has secured $20.5 million in the second round of the grants – the best result in the country.

The announcement of these projects is great news for researchers, and UQ is delighted to have continued support for its ground-breaking research.

Professor John Hay, AC

Cover photo: Professor Scott O’Neill, who has been awarded a $10 million grant to help prevent the spread of the life-threatening dengue fever virus.
BOLD DESIGNS

A respected architect, researcher and academic has accepted a senior executive position at UQ.

Professor Michael Keniger has been appointed Deputy Vice-Chancellor (Academic) at UQ.

He replaces Professor Margaret Gardner, who left the University earlier this year to become Vice-Chancellor of RMIT University, Victoria.

“Professor Keniger has extensive and diverse experience in the private sector, with government and in academia,” UQ Vice-Chancellor, Professor John Hay, AC, said.

“He has provided outstanding leadership in his role as Executive Dean of the Faculty of Engineering, Physical Sciences and Architecture (EPSA) at UQ.”

Professor Keniger, who formally took up the position on July 1, said he was looking forward to contributing to the leadership of one of Australia’s most successful and dynamic universities.

“The principal challenge will be to continue to raise the quality and profile of the teaching and learning experience within a leading research intensive university at a time of overall financial constraint,” he said.

Professor Keniger aims to further enhance each student’s experience of their studies at the University and to continue to strengthen UQ’s standing within the wider community.

A graduate of the Architectural Association School of Architecture in London, Professor Keniger was engaged with several award winning architectural practices in the English capital before his original appointment to UQ as a lecturer in 1978.

He has been invited as a visiting lecturer and critic by many schools of architecture internationally and has made a major contribution to the shaping of the accreditation policy and educational standards for the profession in Australia.

His principal research areas started with architecture and urban change and developed into the nature of contemporary architecture.

Professor Keniger is a Life Fellow and Past President of the Royal Australian Institute of Architects (Qld).

He was Queensland Architect of the Year in 1998 and has held the advisory position of Queensland Government Architect since 1999, with responsibility to advise on urban and architectural projects of major significance.

Professor Keniger was Head of UQ’s Department of Architecture from 1990 to 2000 and was appointed the inaugural Head of the School of Geography Planning and Architecture in 2000.

He became Executive Dean of EPSA in early 2003.

“Professor Keniger’s achievements during this time include a strengthening of the focus, direction and identity of the Faculty,” Professor Hay said.

“He is recognised within the profession and beyond as having made an eminent contribution to the improvement of the built environment through the quality of his teaching, his leadership and his advocacy.”

The road ahead

Smarter use of traffic signals and emergency service routes would do more to ease Brisbane’s transport woes than just building more roads, according to transport expert Professor Phil Charles.

Professor Charles, the Director of the Centre for Transport Strategy at UQ, said traffic systems could easily give motorists more information about traffic conditions. Emergency services should have better route information and be given emergency priority through traffic signals to improve response and patient survival times and traffic flow after road accidents, he said.

He also suggested more use of roadside message signs, traffic radio broadcasts, Internet sites and phone hotlines so people could check conditions, and in-car systems with SMS messages about routes.

“Things like this don’t happen now but the technology is there and people need to know what other agencies have and what they can supply,” Professor Charles said.

He said new roads were always needed but building more roads alone would not fix congestion.

“Every time there is a crash, a truck tipped over, a load dropped or roadworks, that restricts the capacity of any road.”

Professor Charles’ comments came as Queensland’s top transport planning bodies, including UQ and the Queensland Government, extended to 2010 a Memorandum of Understanding to cooperate on transport planning and research.

Professor Michael Keniger, UQ’s Deputy Vice-Chancellor (Academic), said UQ’s Transport Centre would play a key role.

“This agreement fosters independent transport research and professional development, which I hope will help steer Brisbane away from an increasingly strained transport system.”
The "news" from the Royal Society's latest report (see story below) is not good for coral reefs, but there is hope on the horizon with the mobilisation of scientists to help protect these wonders of nature.

The Coral Reef Targeted Research and Capacity Building for Management (CRTR) Project is undertaking collaborative research to provide information and management tools to coral reef managers.

The CRTR Project is a global program involving more than 70 scientists and four Centres of Excellence in Australia, Mexico, Philippines and Tanzania.

It has funding of more than $23 million in cash and $70 million in-kind support, including from the Global Environment Facility, World Bank and UQ.

The Royal Society's new report warns of the dire consequences of greenhouse gas emissions on the world's marine life.

Professor Ove Hoegh-Guldberg, Chair of the CRTR Project's Australasian Centre of Excellence and an Australian expert involved in the Royal Society study, said that it was important to now respond to the "alarming situation" by trying to find the solutions.

He said the Royal Society's report was a great way to help everyone involved in marine science to identify priorities.

"The CRTR Project is an excellent vehicle to fill the gaps in the science and identify solutions so management and policy decisions can be strengthened around the world," he said.

Professor Hoegh-Guldberg said the problem was with the increasing amount of carbon dioxide that was being released into the atmosphere from the burning of fossil fuels that have already increased the temperature of the earth.

The world's coral reefs are expected to face huge problems as oceans acidify and concentrations of key chemical species in seawater drastically decline.

The extensive global decline of coral reefs now risks contributing to the environmental and economic instability of many coastal nations, many of them developing countries.

Coral reefs directly support an estimated 100 million people worldwide.

They are responsible for tourist income to countries like Australia, where the Great Barrier Reef alone is responsible for over $2.5 billion to the Australian economy each year.

Britain's peak scientific body has released a report warning that the protection of tropical coastlines by coral reefs may disappear as early as 2050.

The Royal Society has highlighted the problem of the acidification of the world's oceans, which is caused by increased atmospheric carbon dioxide.

Professor Ove Hoegh-Guldberg, Director of the Australasian Centre of Excellence for the global Coral Reef Targeted Research and Capacity Building for Management Project said this could have major ramifications for coastal societies, where much of the world's poorest people live.

"Coral reefs reduce the energy of waves breaking on tropical coastlines and hence protect homes and lives. In the case of tsunamis, this can mean the difference between surviving and perishing," he said.

"Dramatic examples of this were demonstrated in the massive tsunami that hit southern Asia six months ago on Boxing Day 2004.

"We know there is a problem, but now we need to take steps to find solutions."

The Royal Society report, Ocean acidification due to increasing atmospheric carbon dioxide, shows rising levels of carbon dioxide are rapidly acidifying the world's oceans.

This could stop corals from growing and potentially dissolve existing reef structures.

Professor Hoegh-Guldberg said the current situation was "like a double whammy for coral reefs and you have to wonder whether they will be able to survive these changes".

### Information:

www.gefcoral.org
The spread of the life-threatening dengue fever virus could be stopped in its tracks if UQ scientists successfully complete a new $10 million research project.

The work is funded by the Bill and Melinda Gates Foundation Grand Challenges in Global Health (GCGH) initiative.

The UQ research grant is a share of a $567 million worldwide scheme, which seeks to identify critical scientific challenges in global health and fund increased research on diseases that cause millions of deaths in the developing world.

Professor Scott O’Neill, Head of the School of Integrative Biology in the Faculty of Biological and Chemical Sciences, will lead a team of scientists who hope to shorten the lifespan of mosquitoes that carry the deadly dengue virus.

“This project, if successful, has the potential to dramatically improve the lives of people living in dengue affected regions of Australia and the rest of the world,” he said.

“We have discovered a type of naturally-occurring bacteria called Wolfachia that passes from one generation of mosquito to the next and can halve the adult mosquito lifespan.

“This project will seek to introduce the bacteria to mosquitoes so they do not live long enough to transmit the dengue virus.”

Professor O’Neill said the UQ research team and collaborating international partners were excited by the opportunities that existed as a result of the GCGH grant.

UQ will play a key role in improving global public health through a new research project funded by the Bill and Melinda Gates Foundation GCGH initiative.

Professor Alan Lopez, Head of UQ’s School of Population Health, is a lead researcher in the project, in partnership with teams from Harvard University, Johns Hopkins University and the Broad Institute in the US.

The Population Health Metrics Research Consortium Project will receive $24.7 million to develop technologies that will give nations throughout the world improved strategies for population health measurement, which will lead to a better understanding of where to direct their public health resources.

Professor Lopez said the current lack of simple tools for measuring health meant there were major gaps in understanding the prevalence and incidence of diseases, such as malaria and HIV.

This made allocating resources, implementing treatment and prevention programs and monitoring and evaluating programs difficult or, at worst, ineffective.

“The result of this research will be a vastly better understanding of health, at a very low cost,” he said.

“The project will improve measurement strategies, even in countries where health statistics are incomplete.”

Dengue fever is a potentially fatal viral disease transmitted by mosquitoes. Approximately 2500 million people — two-fifths of the world’s population — are currently at risk of infection.

UQ will be the lead agency throughout the five-year project, working with a team of scientists from Thailand, Vietnam, Japan, Australia and the US.
On call for new clinical centre

The University has unveiled an ambitious and innovative plan to put Queensland at the forefront of clinical medical research.

UQ Vice-Chancellor Professor John Hay, AC, has announced plans for the $60 million UQ Centre for Clinical Research to be located at the Royal Brisbane and Women’s Hospital (RBWH).

The Queensland Government will contribute $20 million from the Smart State Research Facilities Fund, $20 million comes from an American philanthropic organisation and a further $20 million from UQ.

“With health spending expected to rise from nine to 17 percent of gross domestic product over the next 40 years, investment in health and medical research and development is needed to reduce the cost and impact of chronic and age-related illness,” Professor Hay said.

Clinical research is patient-orientated research conducted in response to questions that arise at the bedside and aims to provide better treatment and results for patients.

This research can involve tests in hospital that would provide direct benefits for individual patients as well as add to the body of knowledge about that particular disease or problem.

Professor Hay thanked Queensland Premier Peter Beattie for his government’s support for the project.

“Mr Beattie has solidly backed UQ’s vision of developing a closely integrated group of new research institutes and centres,” Professor Hay said.

He said as part of its research strategy, the University had invested significant sums in key projects and had been able to attract matching financial support from the Queensland Government and The Atlantic Philanthropies.

This approach has been extremely fruitful, particularly in projects related to bioscience, nanotechnology and neuroscience.

Professor Hay said the Centre would seek to address the lack of appropriate facilities for clinical research in Queensland.

It will concentrate on areas of speciality already established within UQ’s Faculty of Health Sciences and RBWH such as cancer, genetic diseases, infectious diseases, population health risks, critical care and clinical neurosciences and psychiatry.

The $60 million facility will involve the construction of a new six to eight level building, which is expected to start in 2006.

B in brief

Smart fellowships
Two UQ researchers have been awarded $150,000 each in the first round of the Queensland Clinical Research Fellowships Program of the Smart State Health and Medical Research Fund.

Dr Ian Yang, from the School of Medicine, is focused on developing a better understanding of chronic lung diseases.

Dr Gary Leong, from the Mater Children’s Hospital and the Institute for Molecular Bioscience, is examining the factors that affect how bone marrow stem cells develop into bone, fat or muscle cells.

Chronic pain study
A University of Queensland researcher requires participants for a study on the experiences of people with chronic pain.

For the purpose of the study, chronic pain is defined as pain of more than six months duration with minimal or limited identifiable pathology that could explain the presence and extent of pain.

Participants need to be aged 18 years or older and must have had chronic pain for six months.

Information: Mandy Nielsen, 07 3365 1257 or m.nielsen@social.uq.edu.au

Cognitive development
UQ’s Early Cognitive Development Unit needs 30 and 36-month-old-child volunteers to participate in studies of children’s knowledge about themselves and others.

These studies include various tasks that children find most enjoyable including imitation and mirror-play.

Parents stay with their child during the session and each child will receive a certificate and small gift for participating.

Information: Linda Jenkins or Meg Dooley, 07 3365 6323 or ecdu@psy.uq.edu.au

With health spending expected to rise from nine to 17 percent of gross domestic product over the next 40 years, investment in health and medical research and development is needed to reduce the cost and impact of chronic and age-related illness.
Chinese scholarship
A UQ student has been awarded the Chinese National Scholarship for outstanding self-funded students studying abroad for 2004.

Benxiang Zeng, a PhD student with UQ’s School of Natural and Rural Systems Management, was presented with his award at the Chinese Embassy in Canberra.

It is the first time that Chinese students studying in Australia have been eligible to win the award. The program was established by the Chinese Government in 2003 to support and encourage internationalisation among students.

ADHD program
The University’s Psychology Clinic intends to run a six week program for parents of children aged five-12 years with Attention Deficit Hyperactivity Disorder (ADHD).

Topics covered will include what causes ADHD, what makes ADHD worse and medical management and behavioural management at home and in school.

Information: 07 3365 6858 or adhdparents_enquiries@psy.uq.edu.au

Cancer Fund grants
Young Queenslanders affected by cancer can share in $40,000 worth of study grants through the Queensland Cancer Fund’s 2005 Seize the Day Study Awards.

The awards are offered to people aged between 16 and 21-years-old who have been diagnosed with cancer or have a close family member with cancer.

The annual awards are open to young people who plan to undertake or continue post-secondary school education at a university, TAFE, tertiary college or vocational training centre.

The awards help cover the cost of textbooks, stationery, fees, transport and accommodation expenses.

Information: 13 11 20.

UQ leads the nation in research link funding
Forging strong research relationships with industry, business and government has paid off in grants through the nation’s peak university funding council.

Including partner contributions from industry, business and government, UQ has secured $20.5 million in the second round of the Australian Research Council’s Linkage project.

The Linkage project was set up to link universities and industry through research collaboration.

UQ bettered the University of Sydney’s total of $16 million followed by the University of Melbourne with $15 million.

In both Linkage rounds this year, UQ had the most Australian Postgraduate Awards Industry projects (35), Australian Postdoctoral Fellowships Industry projects (four) and Collaborative research projects (41).

UQ’s Professor Ove Hoegh-Guldberg and his team from the Centre for Marine Studies was awarded one of the biggest single grants worth $1.1 million, which will go to help protect the Great Barrier Reef from climate change.

On public money alone, the University of Melbourne topped the Linkage list with $6.4 million for 23 grants followed by the University of Sydney with $6.6 million for 19 grants.

UQ secured $5.6 million and the University of New South Wales $4.4 million, both for 16 grants respectively.

Raising money from industry partners is a condition of the grants and UQ more than doubled its funds pool to raise $14.9 million.

UQ’s Deputy Vice-Chancellor (Research), Professor David Siddle, said the latest funding would allow UQ researchers to investigate plastics for wound healing and earthquake hazards for southeast Queensland.

“It’s rewarding to see our top researchers doing so well,” Professor Siddle said.

“We work hard and smart to back our top people by providing world-class facilities and learning environments so they can break new ground.”

UQ’s 16 Linkage grants:

— Professor Ove Hoegh-Guldberg (Centre for Marine Studies) and others, $1.1 million, 2005-2010.
— Professor Max Lu, (ARC Centre for Functional Nanomaterials) and others, $342,200, 2005-2008.
— Professor Gail Williams (School of Population Health) and others, $504,924, 2005-2008.
— Associate Professor Barry Degnan (Centre for Marine Studies) and others, $115,000, 2005-2008.
— Dr Andrew Barnes (Centre for Marine Studies), Dr Greg Skilleter and others, $299,500, 2005-2008.
— Dr John Zhu (School of Engineering) and others, $293,749, 2005-2008.
— Dr Catherine Lovelock (Centre for Marine Studies), Dr Greg Skilleter and others, $299,500, 2005-2008.
— Dr Bill Clarke (School of Engineering) and Professor Jurgen Keller, $355,000, 2005-2008.
— Dr Andrew Barnes (Centre for Marine Studies) and others, $90,444, 2005-2008.
— Professor Mike Gidley (School of Land and Food Sciences) and others, $117,000, 2005-2008.
— Associate Professor Barry Noller (National Research Centre for Environmental Toxicology) and others, $90,444, 2005-2008.
— Professor Peter Hayes (Pyrometallurgy Research Centre) and others, $430,000, 2005-2008.
— Associate Professor Cathy Turner (School of Nursing) and others, $650,000, 2005-2010.
— Dr David Corless (School of Engineering) and others, $236,830, 2005-2010.
Two UQ academics are among a select group to be awarded prestigious Australian Research Council Federation Fellowships.

Professor Bostjan Kobe, from the School of Molecular and Microbial Sciences, and Associate Professor Mattick, were recently recognised as developing one of the top 10 discoveries of 2004 by the world-leading journal *Science*, for his work on “junk” DNA.

His research will investigate ribonucleic acids, which comprise 98 percent of the output of the human genome. The project may transform our understanding of genetic programming and is expected to have far-reaching consequences in medicine, agriculture, engineering, biotechnology, information science and associated industries.

Associate Professor Kobe is working on a project that will contribute to the worldwide effort in sequencing the genomes of humans and other organisms. This work has identified a large number of proteins with unknown functions. Determining the functions of these proteins is one of the next great challenges in biology.

The research could lead to the discovery of new biological molecules, interactions and processes essential for the function of cells, identify new therapeutic targets and strategies to combat disease and identify new concepts in biotechnology and nanotechnology.

UQ Vice-Chancellor, Professor John Hay, AC, said the University’s reputation as a leading research institution had been further enhanced by the latest Federation Fellowship appointments. “These two worthy candidates join our current 10 Federation Fellows in an unparalleled convergence of world-leading researchers at The University of Queensland” Professor Hay said.

The Federation Fellowships are funded under the Australian Research Council’s (ARC) National Competitive Grants Program and each Fellow will receive an indexed salary of around $235,000 a year for five years.

The latest round of ARC Centres of Excellence, also announced in June, has seen UQ researchers involved in five of the 11 Centres.

Deputy Vice-Chancellor (Research), Professor David Siddle, said the strong role UQ played in these projects would be integral to their success.

“UQ’s involvement in these leading scientific centres shows our researchers have an outstanding profile in the Australian research community,” Professor Siddle said.

UQ is involved in the following Centres announced in June:

- ARC Centre of Excellence in Innovative science for sustainable management of coral reef biodiversity;
- ARC Centre of Excellence in Structural and Functional Microbial Genomics;
- ARC Centre of Excellence in Design in Light Metals;
- ARC Centre of Excellence in Vision Science; and
- ARC Centre of Excellence in Ore Deposits.

Attraction resonates across State

UQ is set to enhance its position as a leading centre for magnetic resonance research with the establishment of the Queensland Nuclear Magnetic Resonance Network (QNN).

The $17 million QNN will establish a network of state-of-the-art high field nuclear magnetic resonance (NMR) equipment, including the most powerful machine of its kind in the southern hemisphere – a 900 MHz high-resolution spectrometer.

Inaugural Director of the QNN, UQ’s Professor Ian Breereton, said the Network would place Queensland at the forefront of international research in structural biology, biodiscovery and animal neuroimaging.

“The facilities will allow researchers from universities, institutes and companies to carry out cutting-edge research in a broad range of fields, in particular biodiscovery, drug design, neuroscience and instrument development,” he said.

Professor Breereton said NMR was a key technology for determining the structures of molecules and visualising the anatomy of living tissue.

The State Government recently announced it would contribute $5 million to the QNN, as part of its Smart State strategy.

QNN participants include UQ, the Queensland University of Technology, Griffith University, James Cook University, the University of the Sunshine Coast and the University of Central Queensland as well as biotech companies Spin Systems, Xenome, Kathera, Cyclagen and Protagonist.
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Prospective students can find out what university life is like at UQ Open Days in August.

The Open Days will give people the opportunity to meet UQ staff, attend presentations on study areas and careers, tour the campuses, libraries and museums and take part in a range of activities.

The St Lucia Open Day on August 7 (9am-4pm) and the lunchtime information session at Customs House on August 10 (11.30am-2.30pm) will have information on all undergraduate and postgraduate programs across all UQ campuses.

The Ipswich Open Day on August 21 (10am-2pm) will focus on Ipswich programs and the Gatton Open Day on August 28 (9.30am-3pm) will concentrate on Gatton programs.

While all Open Days have information about postgraduate programs, a special Postgraduate Expo will be held at the UQ Centre at the St Lucia campus on August 8 (3pm-6pm).

UQ’s Dean of Students Dr Lisa Gaffney said the Open Days would allow potential students the opportunity to take a look inside one of Australia’s premier universities.

"Whether you are planning your future, looking for a change, or want to continue studying, I would advise people not to miss UQ’s Open Days," she said.

"They are a perfect chance to experience the resources, facilities and opportunities that are available."

UQ offers Queensland’s most comprehensive range of both undergraduate and postgraduate programs.

In total there are over 370 degree programs and 5600 courses to choose from.

Information: www.uq.edu.au/opendays

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The eagle has landed

A “high-flyer” of a different kind is helping promote the University’s MBA program.

Was it a bird, was it a plane, was it Superman? No, you were right the first time, it was in fact an eagle flying around the St Lucia campus in June.

Staff and students may have noticed the temporary addition to the wildlife around the Great Court when Soren the eagle took part in a promotional video for the UQ Business School.

The video follows Soren as he flies from the St Lucia campus to the Downtown facility.

This innovative marketing approach was the idea of Master of Business Administration (MBA) Director Dr Stephen Kay, who said he wanted to highlight the relationship between the academic and business communities.

“The idea was to link the traditional University campus with the hi-tech executive site at Central Plaza One (CP1),” Dr Kay said.

Located on the 19th floor of CP1, UQ Business School Downtown delivers the School’s internationally benchmarked MBA program to CBD based professionals.

In addition to seminar rooms and a boardroom, lecture theatres and spectacular 360-degree views of the Brisbane skyline, the facility features extensive data access, private workstations and audiovisual capabilities.

The video, which was filmed by the University’s Video Vision Studio Facility, will include a virtual tour of the Downtown facilities.

Dr Kay said the eagle symbolised the Business School’s “high-flying” students and graduates.

“We filmed using real classes and lecturers from the MBA program and received incredible support from the Downtown staff,” he said.

“We also developed a front end, 40 second opener to introduce viewers to the virtual tour.”

The video, which was produced by Dreamtime Studios, will soon be available to download from the UQ Business School’s website at www.business.uq.edu.au

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Photo: Brian Condron
Script for GPs

A more integrated health service is needed to effectively treat the growing chronically ill Australian population, according to UQ’s new Chair in General Practice and Primary Health Care, Dr Claire Jackson.

A health services researcher, medical educator of 20 years experience and general practitioner, Dr Jackson says patients now receive high quality health care only “in pockets”.

“This level of service is not well integrated. Patients with a chronic disease, such as diabetes, are sometimes required to see eight different health professionals,” Dr Jackson said.

“We need much better linkages between clinicians and better use of technology for information sharing.

“Health professionals need to work closely as part of a multidisciplinary team to develop the patient’s treatment program.

“Easy electronic retrieval of patient information is essential to ensure doctors have the latest patient information and ongoing communication is needed to enable the team to jointly monitor progress.”

Dr Jackson’s satellite clinic model relies on much more patient involvement, supported by increased access to health information and professional support.

“Patients would be closely involved in developing their treatment management program and setting goals,” she said.

“In the GP’s waiting room, computers could be provided for patients to access online information about their condition, as well as their individual management program and goals.

“A visit to the GP could also involve meeting with other health practitioners such as a practice nurse or dietician, who would support the patient’s self-help efforts.”

Dr Jackson said this healthcare system of the future relied on teamwork supported by appropriate human resources, administration, information technology and training systems.

Her new role at UQ will be focused on moving health services towards this model through continued health service research, involvement in multiprofessional education and working with specialist colleges.

Scientific swansong

A long-serving academic who is widely recognised for his contributions to the medical profession and humanitarian causes has retired from the University.

Distinguished academic and military doctor, Professor John Pearn, AM, RFD, KStJ, has retired from his position at the University.

UQ’s Paediatrics and Child Health Division and the Royal Children’s Hospital and Health Service District in Brisbane hosted a two-day scientific conference in June to honour Professor Pearn’s service to UQ and to medicine.

The conference, *Vitae Lampada*, was opened by Queensland Governor Quentin Bryce, AC. A celebratory dinner was also held at Customs House.

The University’s Alumnus of the Year for 2004, Professor Pearn has been Professor of Paediatrics and Child Health at UQ since 1986.

He is widely recognised for his contributions to the medical profession and humanitarian causes.

Professor Pearn established the first hospital genetics clinics in Queensland at the Royal Children’s Hospital and the Royal Women’s Hospital in 1974.

He was Surgeon-General of the Australian Defence Forces (1997–2000) and served as a doctor and educator across five continents.

A prolific author, he has 33 books and more than 170 book chapters to his name as well as featuring in films on subjects including child health, bites and stings, and Australia’s venomous snakes.

B in brief

Report’s annual award

The University’s 2003 Annual Report has won one of only 28 Gold Awards given to nearly 500 entrants in this year’s Australasian Reporting Awards (ARA).

The publication, produced in the Office of Marketing and Communications, was also one of four finalists for the Report of the Year title.

UQ is the only university among award winners at this year’s Queensland Public Sector Annual Report Awards conducted by the Institute of Internal Auditors, Australia, where it scored an Award of Merit.

French cinema

UQ’s Institute of Modern Languages (IML) is starting a French Cinema Club.

During semester two, the Ciné-Club will showcase French language films from the 1960s concentrating on directors from La Nouvelle Vague movement of French cinema.

Each club session includes a film viewing and a post-film discussion in French of film topics, styles, techniques and other cinematic movements.

The cost is $22 per session (pre-purchasing of tickets is preferred, but tickets will be available at the IML office until 7pm prior to screenings).

Information: 07 3365 6490 or iml@uq.edu.au

Learn IT skills fast

Learningfast, Ask IT’s online training service, has undergone a redesign to make accessing IT help easier.

Learningfast provides access to downloadable manuals and online training in many popular software applications.

Information: http://askit.uq.edu.au/learningfast/
Tibetan monks are meditating for the advancement of scientific knowledge.

UQ researchers have teamed up with Tibetan Buddhist monks to uncover clues as to how meditation can affect perception.

Olivia Carter and Professor Jack Pettigrew from UQ’s Vision, Touch and Hearing Research Centre, as well as colleagues from the University of California Berkeley, found evidence that skills developed by the monks during meditation can strongly influence attention and consciousness.

With the support of His Holiness the Dalai Lama, 76 monks participated in the study, which was carried out at or near their mountain retreats in the Himalaya, Zanskar and Ladakhi Ranges of India.

Ms Carter said the study aimed to gain an insight into visual perception regulation in the brain.

She said the research investigated the extent to which certain types of trained meditative practice could influence the conscious experience of visual perceptual rivalry, which is what happens when someone has two different images shown to each eye, or is shown an ambiguous image such as a picture that can look like two faces or a vase.

“Typically this results in a switching between the two images, but in the case of one type of meditation, the monks reported a perceptual dominance of one of the images,” Ms Carter said.

The researchers tested the experience of visual rivalry by monks during practice of two types of meditation: a compassion-oriented meditation, described as a contemplation of suffering within the world combined with an emanation of loving kindness; and one-point meditation, described as the maintained focus of attention on a single object or thought that leads to a stability and clarity of mind.

While no observable change in the rate of visual switching during rivalry was seen in monks practicing compassion meditation, major increases in the durations of perceptual dominance were experienced by monks practicing one-point meditation.

“Our findings suggest that processes particularly associated with one-point meditation, perhaps involving intense attentional focus and the ability to stabilise the mind, contribute to this ability of the monks,” Ms Carter said.

She said the study showed individuals trained in meditation can considerably alter their perception. The study findings were published in Current Biology.

Birthday honours

Several graduates, current and past University staff and members of the community with close connections to UQ were honoured in the recent Queen’s Birthday Honours list.

COMPANION OF THE ORDER OF AUSTRALIA (AC)
– The Honourable Dame Margaret Guilfoyle, DBE, for service to the public life in Australia in support of hospital and health administration.

OFFICER OF THE ORDER OF AUSTRALIA (AO)
– Norman Coldham-Fussell for service to business and commerce, particularly the mining and travel sectors.
– The Reverend Timothy Costello for service to the community through contributions to social justice.
– Janice Fullerton for service to librarianship through the facilitation of wider community access to the collections of the National Library of Australia.

– Professor Thomas Healy for service to science as a researcher in the area of physical chemistry.
– The Honourable Justice Stanley Jones for service to the community through contributions to the establishment of higher education institutions and legal and judicial services in central Queensland.
– Professor Arthur Lucas for service to educational administration through developing initiatives and collaborations between Australia and British tertiary institutions.
– The Honourable Robert Tadgell for service to the judiciary, to the law, and to the community.

MEMBER OF THE ORDER OF AUSTRALIA (AM)
– Carolyn Barker for service to business and the arts.
– Brian Coffey for service to literature, particularly through the publication and promotion of the literary work of new writers.
– Professor Edgar Gold, QC, for service to maritime law and protection of the environment as a policy developer and adviser.
– Professor Ian Jones, RFD, for service to medicine, particularly in the fields of obstetrics and gynaecology as an educator, practitioner and administrator, and to the Royal Australian Navy Reserve as a medical specialist.
– Professor Brian Kay for service to medical science and public health, particularly through research into the control and elimination of mosquito-borne arbovirus diseases in northern Australia and Asia.
– Venerable Master Chin Kung for service to the Buddhist community in Queensland, particularly through the promotion of Buddhism and the fostering of interfaith activities between diverse ethnic groups, and to the community through support for educational and health institutions.
– Professor Kenneth Moores for service to academia as an educator and administrator, and to the accounting profession through a range of financial and business organisations.
– Professor Thomas Smith for service to higher education, particularly research policy and administration, to science and technology development.

MEDAL IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA (OAM)
– Dr Michael Rudd for service to medicine as a burns specialist, and for service through the provision of medical assistance to victims of the bombings that occurred in Bali on October 12, 2002.
– Ray Thomas Anderson for service to the community through the Anglican Church of Australia particularly through the provision of support for homeless children and youth, the aged and people with disabilities.
– Constantine Malanos for service to the Greek Community in Australia, particularly through St Basil’s Homes for the Aged and the Australian Hellenic Education Progress Association and to education.
Fungi chomp way into top 20 weeds

Microscopic fungi are the newest weapon against Parkinsonia — one of the worst 20 weeds in Australia that is creeping towards Kakadu National Park.

Parkinsonia is a thorny weed that is spreading north, mostly across cattle country in central Queensland and the top end of Australia. It blocks waterways, hides feral pigs and forms dense thickets, which make it hard to move stock. UQ PhD student Naomi Diplock and her supervisor, plant pathologist Dr Victor Galea, are isolating fungi they believe are causing a natural dieback of the weed.
Although Dylan O'Bryan has never been to China, his grasp of the world’s most popular language was good enough to win him a trip to the diverse country.

The Bachelor of Business Management student came second in the Australian finals of the Chinese Bridge competition held in Canberra in June. He is currently in Beijing preparing for the world finals.

Mr O’Bryan started learning Mandarin Chinese about four years ago while undertaking missionary work in Singapore and Malaysia. When he returned to study at UQ he decided to continue learning the language and took electives in Chinese.

Mr O’Bryan, who is majoring in international business, said he hoped his Chinese skills would come in handy in the business world.

Mr O’Bryan

Ms Diplock (above) and the top 20 weed Parkinsonia (above left). Photos: Dr Galea

Plants affected by the fungus have yellow leaves, brown stems and die back from the branch tips.

Ms Diplock said understanding more about the dieback process would help them manipulate and extend the process to further control the weed.

She said that once they had isolated the responsible fungi out of about five types, they could develop a quick and effective inoculation process for use by landowners.

“Huge amounts of money are spent on controlling Parkinsonia mostly with chemicals, mechanical removal by bulldozer or fire,” Ms Diplock said.

Trials have been done at Newcastle Waters Station in the Northern Territory and will start south of Charters Towers soon.

Ms Diplock said they hoped to come up with a less labour intensive control method than injecting individual trees.

She launched a survey at the eighth Queensland Weeds Symposium in Townsville in June.

She wants landholders to send her information about Parkinsonia dieback on their properties.

The Barkly Landcare and Conservation Association, Commonwealth Scientific and Industrial Research Organisation and Cooperative Research Centre for Weed Management are also involved in the project.
Study is barking up the right tree

A new study will help pet owners make an informed selection when choosing a canine companion.

Herding dogs such as Border Collies and Australian cattle dogs are more likely to bark excessively than other classes of dog, according to a new UQ study.

However, working dogs such as German Shepherds and Rottweilers are less likely to exhibit this behaviour according to the study, one of the first of its kind on excessive barking in dogs.

The research was conducted by Dr Nicki Cross, Kim Rosenthal, Professor Clive Phillips and Dr Cam Day from the Centre for Animal Welfare and Ethics in UQ’s School of Veterinary Science.

Dr Cross said companion animals were increasingly important members of society.

“About 40 percent of Australian households own a pet dog,” she said.

“However, the urban environments in which these pets are housed are not always optimal for their psychological and physical well-being.

“Decreasing yard sizes and an increase in proximity to neighbours has forced people to accommodate other people’s pets and lifestyles to maintain communal harmony.”

Dr Cross said excessive barking in pet dogs was a behavioural problem.

She said that it could be detrimental, not only to the welfare of the animals exhibiting the problem, but also to the lives of their human companions.

“It can, however, be a behaviour that is expressed in response to a number of differing factors,” Dr Cross said.

She said the research identified three possible reasons for excessive barking: animal-related factors such as the dog’s breed, owner-related factors, or environmentally-related questions.

“Herding dogs like Border Collies and Australian cattle dogs are bred for activities as moving livestock, so barking is an essential part of this role,” Dr Cross said.

“Consequently, these dogs may become frustrated when housed in a small back yard for a long time and may bark as an outlet for unused energy.”

“Working dogs, such as German Shepherds and Rottweilers, however, are used by such organisations as the police force and the army to work in a quiet manner and willingly obey commands.

“This may explain why they are less likely to exhibit problem barking behaviour.”

The study also found that the presence of a tall solid fence reduced problem barking.

Dr Cross said she hoped the research would allow people working with behavioural problems in companion dogs to make educated decisions regarding the treatment of barking and aid owners in making an informed selection when choosing a canine companion.

Information: www.uq.edu.au/cawe

UniQuest’s annual competition has found the products of tomorrow.

A pioneering concept for visually monitoring disease progression via magnetic resonance imaging (MRI) was one of four innovations to win UQ’s 2005 Trailblazer competition.

A “smart” contrast agent for use in MRI was the concept of Dr Elizabeth Coulson, Dr Madeleine Schultz and Dr Nyoman Kurniawan from the Queensland Brain Institute, the School of Molecular and Microbial Science and the Centre for Magnetic Resonance, respectively.

Dr Coulson said the trio brought together two distinct areas of science to meet a large need in imaging the physiological processes underlying human disease.

“Our concept for imaging agents has the potential to allow doctors to see if chemotherapy has effectively killed cancer cells, or allow specialists to predict metastatic tumors or monitor Alzheimer’s disease and stroke,” Dr Coulson said.

Also winning Trailblazer 2005 and receiving $7500 in prize money, were:

— Dr James Sharman from the School of Medicine, who had a concept for a simple, quick and non-invasive method to determine the contractility of the heart;

— Carl Hockey from the School of Veterinary Science, who is developing the world’s first automated method of selecting ovulating cows for artificial insemination; and

— Warren Hogarth from the Australian Research Council Centre for Functional Nanomaterials, who devised a revolutionary new battery replacement technology for portable electronic applications.

The Trailblazer competition is an annual innovation competition run by UQ’s commercialisation arm, UniQuest Pty Ltd, to reward researchers and promote innovative research.

UniQuest Managing Director, David Henderson, said he was extremely pleased with the enthusiastic response from UQ researchers to this year’s competition.
Brisbane engineers have teamed up with NASA to help build a new computer system for future space missions to the moon, Mars and beyond.

The team of electronics engineers from UQ, led by Dr John Williams, is building the software operating system for the American space agency’s Reconfigurable Scaleable Computing (RSC) project.

RSC is a modular computer system with small motherboards, about 13cm x 10cm, that can be stacked and linked together in different sized clusters, depending on their use.

Dr Williams said RSC would be used for data-rich processing in space such as controlling exploration rovers, robotic mining vehicles, real-time cameras and sensors, and surface and atmospheric analysis.

“Conventional silicon chips can only perform the task they were designed to do, but RSC uses reconfigurable logic chips that can be infinitely reprogrammed to perform almost any function,” Dr Williams said.

“This is particularly useful for missions that require fast processing as well as flexibility to update their function or correct design errors after a spacecraft is launched.”

RSC principal investigator Dr Robert Hodson said NASA wanted an alternative space computing system to improve processing speed and reduce the expense and time to retest systems for different space missions.

But RSC would not replace all space computing such as shuttle take-off or flight control systems.

“NASA recognises UQ as a leader in embedded operating systems for reconfigurable computing and views their contributions to the RSC project as vital to its success,” Dr Hodson said.

The RSC operating system is a modified version of Linux, an open-source alternative to Microsoft Windows or Apple MacOS, which is widely used in scientific and academic computing.

“The RSC system is vital technology needed to implement NASA’s Vision for Space Exploration – a comprehensive program to extend human and robotic presence throughout the Solar System,” Dr Hodson said.

B in brief

Cold sore study
People who suffer from six or more cold sores a year are being sought to take part in a UQ trial to test the safety and effectiveness of sheabutter extract in treating the virus.

The trial, a joint project being conducted through the Australian Centre for Complementary Medicine Education and Research, will involve 80 volunteers.

The volunteers must have the herpes simplex virus one.

Information: 07 3840 6112.

Study is child’s play
Infants and parents are invited to be part of the Clues to Kids Concepts Project.

The study will look at the concepts children form in order to understand the world around them.

Parents stay with their infant (must be between nine and14-months-old) during the half-hour session and a small prize and certificate will be given to those who take part.

Information: 07 3346 9857 or powell@psy.uq.edu.au

SBS scholarships
A program offered by UQ’s Faculty of Social and Behavioural Sciences (SBS) has enabled two students to undertake a project providing advice to caregivers of people with dementia.

The SBS Dean’s Scholar Program rewards students and provides them with opportunities to develop their study interests.

Sarah Price and Louisa Young, under the supervision of Dr Nancy Pachana, developed a Practical Guide for Caregivers of People with Dementia.

International crime
Drug trafficking in Asia and international pornography rings were some of the topics debated at a recent international crime round-table.

Hosted by UQ and the Australian Institute of Criminology, the roundtable on transnational organised crime and international criminal law was held at Customs House on June 14.

UQ legal expert Dr Andreas Schloenhardt said the event brought together experts to work on solutions to organised crime.

STACKABLE COMPUTERS
out of this world

UQ NEWS, JULY 2005

Dr Williams has been modifying Linux to run on reconfigurable hardware, and has freely released his work to the public, which was how NASA became aware of the UQ group’s expertise.

UQ’s School of Information Technology and Electrical Engineering has signed a partnership agreement with NASA’s Langley Research Centre for its four-year RSC project, worth approximately $18 million.

UQ is the only non-US partner in RSC, and the agreement follows NASA’s continued relationship with UQ’s Hypersonics research team.

“The RSC system is vital technology needed to implement NASA’s Vision for Space Exploration – a comprehensive program to extend human and robotic presence throughout the Solar System,” Dr Hodson said.
Volunteers and organisers have celebrated another successful UQ Alumni Association Book Fair. UQ Vice-Chancellor Professor John Hay, AC, thanked volunteers for their hard work and contribution to the Fair with proceeds expected to reach $124,000.

The Vice-Chancellor’s Alumni Book Fair Thank You Morning Tea, held on June 16, gave Professor Hay the opportunity to show his appreciation for volunteers’ hard work on such an important University community event.

“The Alumni Book Fair is clearly an essential activity of the Alumni Association and raises money for the University which is spent through the Alumni Trust,” Professor Hay said.

“It is a great effort by more than 40 volunteers who regularly work at Book House, sorting and pricing books,” Professor Hay said.

Some beneficiaries of the Association’s donations in recent years have included the University Art Museum, the Fryer Library and the Anthropology and Antiquities Museums.

Money raised has also been used for the purchase of notebooks for vision-impaired students, travelling scholarships, sporting scholarships, postgraduate bursaries and assistance for UQ Link students.

It is estimated that between 18,000 and 20,000 hours are contributed in the lead-up and conduct of each Book Fair.

“On average, approximately 150,000 donated books are prepared for each Fair.

This year’s Book Fair was attended by 3000 members of the general public.
UQ NEWS, JULY 2005

“BOARD” WITH campus lifestyle

Although based on a Royal Australian Navy ship in the Middle East, Sally Hoskin is far from all at sea in her UQ studies.

“I’m lucky that my command is supportive of my decision to study at sea,” she said.

“University students face many challenges during the course of their degrees, not least of which is combining study with employment. For Bachelor of Science student Sally Hoskin this problem is intensified to the extreme.

Her job takes her all over the world and means she often has to struggle just to get some peace and quiet or space to spread out her books.

Seaman Officer Sub-Lieutenant (SBLT) Hoskin, as her colleagues know her, is currently one of four Officers of the Watch (OOW) aboard HMAS Newcastle, deployed in the Middle East.

“My job is fairly demanding and keeping on top of my studies and managing time to fulfil my responsibilities to my job as well as my degree is a challenge. Space is something a warship lacks,” she said.

“Resources at sea are also an issue but the staff at the University have been more than helpful and willing to do what they can to assist me while I’m out here.

“I’m lucky that my command is supportive of my decision to study at sea and this helps me get things done.”

This semester, 22-year-old SBLT Hoskin will be studying Urban Entomology and Insect Morphology by correspondence.

“Insects are so diverse and can teach us so much about the world around us,” she said.

“I intend to further my studies in entomology and hopefully study forensic or some kind of medical aspect of the field.”

“UQ offers a number of entomology courses online. Undergraduate students can use the courses to complete a Bachelor’s degree while postgraduate students can study for certificates, diplomas and coursework Masters degrees.

Although entomology itself is unrelated to SBLT Hoskin’s current position, she said studying, no matter what the subject matter was, gave her skills that were valuable to her as an officer in the Navy.

“It enhances my time management and planning skills as well as giving me something outside of my normal day job to focus my attention on, which is beneficial when you live on board a ship,” she said.

“The discipline gained from having an extra workload is invaluable and I find that being out here I have more motivation to get into my studies as it provides something different to think about and something that is unique to myself.”

“But free time and space to study is limited supply on board a warship with about 220 other people.

And SBLT Hoskin’s workload can at times be heavy, as she is responsible for keeping watch on the bridge of the ship.

As an OOW, SBLT Hoskin is the Captain’s representative for the ship and is responsible for maintaining the safety of the ship, her crew and the equipment on board.

“My daily routine includes juggling my time on the bridge with the ancillary duties and any other additional work that may be required during the day,” she said.

“The most exciting part of my job is when I’m on the bridge with a million and one things going on at once, people talking at me from all directions and being able to coordinate everything so it all runs smoothly.”

SBLT Hoskin said combining life at sea with a degree was demanding but she said it was one of the most rewarding things she had done.

“My time in the Navy has seen me do many different things and meet many interesting people,” she said.

“I have travelled more than I ever imagined that I would before I joined. It’s exciting and both the Navy and my degree will offer me many avenues for a rewarding career.”
The first book by Ipswich resident and UQ Contemporary Studies graduate Toni Risson was launched at the Ipswich campus earlier this month.

This action-packed adventure about reptiles, rivers, hideouts and stolen jewels will grab kids’ attention just like a licking lizard.

Supported by University of Queensland Press, *Licking Lizards* was launched on July 4 by Ms Risson and acclaimed Australian author Anita Bell.

Young adult fiction written with eight to 14-year-olds in mind, *Licking Lizards* traces the adventures of Luke and Alex, whose neighbouring homes back onto a river.

Their adventures heighten when members of their local football team start disappearing and the boys link the disappearance to a menacing man seen at the river in the middle of the night.

The story unfolds to one of intrigue and excitement as the boys unravel the mystery of the missing footballers.

The eldest of four children and a mother of four, Ms Risson said she had been the chief architect of many family cubbies and understands children’s need of their own small spaces.

As a teacher and a full-time mother, she has fostered children’s creativity and imagination and instilled a love of stories and language.

Ms Risson said her inspiration for *Licking Lizards* came from the backyard adventures of her two sons and their neighbourhood friends, as well as the limited enthusiasm teenage boys displayed for reading books.

“They like simple stories that are interesting, yet quick and easy to read,” Ms Risson said.

“*Licking Lizards* follows that model. It’s like a contemporary Enid Blyton adventure for boys.”

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**WIN an iPod mini**

Sign up to a direct debit plan on either a Gym/Cardio/Pool or Total Value Pass* at the UQ Sport & Fitness Centre before Friday 19 August.

That’s unlimited access from only $8 per week.

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**UQ SPORT**

Union Rd, St Lucia  Phone: (07) 3365 6612  www.uqsport.uq.edu.au
Jim Gasteen, Under the Mulga: A Bush Memoir $32.95

An authentic first-hand account of life in the Australian bush from the 1920s to the 1950s. Under the Mulga follows Jim Gasteen’s childhood adventures, marriage and life-long love affair with the land, which saw him become an unlikely champion of land management.

With a knack for storytelling, Jim Gasteen recounts classic tales of outback life: bullockies, governesses, swaggies, shearing and fencing.

Full of wisdom, warmth and humour, Under the Mulga vividly brings to life an all-but-forgotten era in our pastoral history.

John Chesterman, Civil Rights: How Indigenous Australians Won Formal Equality $32.95

The general public know very little about how Indigenous Australians came to gain the civil rights that other people had long taken for granted. In this book, John Chesterman draws on government and other archival material from around the country to make a compelling case that Indigenous people, together with non-Indigenous supporters, effectively agitated for civil rights, and that this activism, in conjunction with international pressure, led to legal reforms.

Published by Pickering & Chatto in London, The Enlightenment World was the idea of Dr Michael Davis from the Centre for the History of European Discourses.

The Enlightenment was an age of political, intellectual, social and cultural change in Europe that had its ideological foundations in the beliefs of philosophers who argued that reason could be used to combat ignorance, superstition and absolutism.

Although the Enlightenment was a broadly European phenomenon, the focus of the series will be works on the British Enlightenment.

Dr Davis said the richness of the Enlightenment experience made it a significant topic for study.

“The series will take on broad themes such as cosmopolitanism. We also have a title under consideration focusing on sympathy and another one will look at William Blake and the Moravians,” he said.

“So the objective is to create a monograph series that hasn’t been looked at by other publishers.”

The series will be launched in 2007 with a title by Professor Michael Scrivener from Wayne State University in the US, looking at cosmopolitanism in the age of revolution.

Dr Davis said as editor he would identify potential titles for the series.

“It really is a task of trying to provide an outlet for scholarship in this field,” he said.

Dr Davis, who specialises in working-class culture in Britain during the 18th and 19th centuries, said the Enlightenment was an area of history that had been overlooked by major scholarly publishers.

“There is no comparative series that I know of being produced by a major academic publisher. There is therefore a need for this series,” he said.

Kim Michelle Toft, The World That We Want $17.95

A stunning interactive environmental picture book illustrating the unique ecosystems of northern Queensland.

Each illustration has been exquisitely created by hand painting on silk and each contains 10 representative creatures.

Nine ecosystems are explored with the climax bringing together all ecosystems in a rarely attempted multiple gatefold page.

The World That We Want brings to centre stage the rare beauty of north Queensland and its native inhabitants for all to share.

Kim Michelle Toft is a full-time silk artist who exhibits within Australia and overseas.
Confirming the UQ Boat Club’s (UQBC) position as one of Australia’s top rowing clubs, 12 athletes have been selected to represent Australia this year. They will compete in senior, under 23 and junior World Championships in Europe and Asia.

Science student Michael McBryde is currently hitting the cold waters of Hobart in preparation for the men’s lightweight coxless four event. The UQ SPORT Scholarship holder cemented his spot in the senior team after strong performances at the National Rowing Championships and recent selection regatta.

Brisbane-based Mr McBryde is spending three months in Tasmania training with his crew on the Franklin River before joining up with the national team in Rockhampton and heading to the Senior A World Championships in Japan, which will run from August 29 to September 4.

Mr McBryde is enthusiastic about the temporary relocation of his training. “Most of my crew is Hobart-based and Tasmania has a great lightweight rowing program with good water conditions and great coaches,” he said.

“If you want to reach national selection you need to sacrifice a lot and I’m looking forward to the challenge.”

His UQBC teammates, Sam Conrad and Hardy Cubasch, will join him at the World Championships.

The men’s coxed pair will set up camp at the Australian Institute of Sport for six weeks of intensive training to prepare for the August event.

Other UQBC athletes are also settling in to their training camps in preparation for the under 23 and junior World Championships. Training on their home water are under 23 women’s quad scull representatives, Liz, Kim and Suzanne Brown.

The crew will be training at the University before heading to Amsterdam on July 18, while Australian Junior representatives Harrison Law and Michael Smith will also be training on the river at St Lucia before heading to Germany for the World Junior Championships in August.

Under 23 Australian representatives in the men’s eight, David Nelson, Sebastian Harper and Graham Kolb, will begin their training in Brisbane before heading south to Sydney for their final weeks of preparation.

Men’s quad scull representative Sam Renton will be training in Perth before taking on the world’s best at the Under 23 Championships in July.
Concerts, special lectures, seminars and UQ events of general interest are published in this section. Entries, including date, time, contact name and telephone number, should be sent to c.saxby@uq.edu.au

SEMINARS

- **Wednesday, July 27**
  School of Pharmacy. More mouse and igloo – research collaborations in Nova Scotia, Canada, Professor Susan Tett (1-2pm, Room 1-E302, Forgan Smith Bldg). Details: s.tett@pharmacy.uq.edu.au

- **Wednesday, July 27**
  T.C. Beirne School of Law, Inaugural professorial lecture, Portia, Bassano or Dick the butcher? Constraining judges in the 21st Century, Dr James Allan, (5.30-7.30pm, Banco Court, Supreme Court Bldg, Brisbane). Details: 07 3365 3376.

- **Thursday, July 28**
  Australian Institute for Bioengineering and Nanotechnology, Paramagnetic 3MR spectroscopy: a fast route to structure determinations of protein-protein complexes, Professor Gottfried Otting, Australian National University (11am-noon, Room 3.146, Queensland Bioscience Precinct). Details: m.vermeulen@uq.edu.au

- **Friday, July 29**
  T.C. Beirne School of Law, Research seminar, Not all birds are sparrows, so what are they? Dr Darryn Jensen, (noon-1pm, Sir Samuel Griffith Room, 1-W341, Forgan Smith Bldg). Details: 07 3365 2523.

- **Wednesday, August 10**
  School of Pharmacy, The O-Pharm story: spun out, wrung out or worn out, Professor Wayne Hooper, Managing Director, O-Pharm (1-2pm, Room 1-E302, Forgan Smith Bldg). Details: s.tett@pharmacy.uq.edu.au

- **Wednesday, August 10**
  T.C. Beirne School of Law, Inaugural Professorial Lecture, The nature of the intangible: intellectual property and biological innovations, Dr Brad Sherman, (5.30-7.30pm, Sir Samuel Griffith Room, 1-W341, Forgan Smith Bldg). Details: 07 3365 2523.

- **Thursday, August 11**
  Australian Legal Philosophy Students Association, Philosophical foundations of commercial law seminar series, The commons and commerce in knowledge, Professor Peter Drabos, Australian National University (5.30pm, Lady Thiess Room, Customs House, Brisbane). Details www.alpsa.net

- **Friday, August 12**
  T.C. Beirne School of Law, The unashamed natural lawyer, Jonathan Crowe, (noon-1pm, Banco Court, Supreme Court Bldg, Brisbane). Details: 07 3365 3376.

- **Monday, August 15**
  Australian Studies Centre, One-day symposium, Defending the North – in conjunction with the UAM exhibition, (9am, Mayne Centre).

CONCERTS

- **Friday, July 29**
  School of Music, free concert, Australia's national contemporary Elision ensemble (11am, Nickson Room). Details: 07 3365 3503.

- **Sunday, July 31**
  School of Music, Sundays at Customs House, the Camerata Academica Freiburg (4pm The Long Room). Details 07 3365 3503.

- **Thursday, August 4**
  School of Music, free lunchtime concert, Ensemble I (12:30pm, Nickson Room). Details: 07 3365 3503.

- **Thursday, August 11**
  School of Music, free lunchtime concert, Mark Kruger, piano (12:30pm, Nickson Room). Details: 07 3365 3503.

- **Sunday, August 14**
  School of Music, Sundays at Customs House, Brass Ensemble and chamber ensembles (11:30am The Long Room). Details 07 3365 3503.

- **Friday, August 18**
  School of Music, free lunchtime concert, Sheldon Matheson, baritone (12:30pm, Nickson Room). Details: 07 3365 3503.

CLASSEdS

- **TO RENT/HOUSE SIT**
  - Indooroopilly: student couple offers unfurnished room (min 5 mths) non-smoking vegetarian, $100/ wk. Cts transport, shops. 07 3378 8890 or compugoa@yahoo.com
  - Brighton: 2bd furnished lse available from July 23 to Sept 15 (negotiable), $200/wk, near Sandgate beach. Jill: 07 3346 2976 or 0433 410 457
  - Toowong: 3bd hse, suit staff, 5 mins UQ, study, big living area, balcony, outdoor entertain area, $520/wk neg. Sue: 07 3871 1270 or 0439 650 167.
  - Ipswich: 2bd house, lock-up grge, secure estate. Walk UQ Ipswich, cls amenities. Avail now, $190/ wk. Abby: abby_q@hotmail.com or 0413 485 398.

- **WANTED TO RENT/HOUSE SIT**
  - Female relocated from Perth wants share accommodation with male or female professional(s): 0416 932 636.
  - Visiting fellow, long-term rental, family of four, two bd hse/unit, vicinity St Lucia or Gatton from July/August. Edson: 07 5460 1320 or e.leite@uq.edu.au
  - Visiting academic needs 4bd f/lurn hse Sept 2005 to Sept 2006. Marie-Pierre: marie-pierre.moisan@wanadoo.fr or moisan@bordeaux.inserm.fr

- **FOR SALE**
  - Jayco Eagle Camper Trailer, vgc. Sleeps 7, new fully enclosed annex, Reg 8/05. Gas safety & roadworthy cert. $18,500 neg. Barbara: b.synak@uq.edu.au

- **PRIZES**
  - Minerals Engineering Postgraduate Scholarships at the JKMRC: after acceptance into a Masters or PhD research program, depending on qualifications and experience. Worth: base level scholarship $25,000. Information: jkhstudent@jkmrc.edu.au

UQ LIBRARY HOURS FOR 2005

Library hours are available on the Library’s homepage at www.library.uq.edu.au

UQ NEWS DEADLINES 2005

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Rhodes Scholarship for study at the University of Oxford

www.uq.edu.au/rhodescholarship

Closing Date – 1 September 2005.
Applications are invited from women and men aged between 19 and 25 for the Queensland Rhodes Scholarship for 2006.
Information seminars will be held at The University of Queensland, Griffith University and QUT.

Details of dates and venues are available by ringing (07) 3365 1318 during office hours. Information about the Scholarship and application forms can be obtained from Mr D Porter, Honorary Secretary, Queensland Rhodes Scholarship Selection Committee, The University of Queensland, Qld 4072.
Got a great idea? So have we.

You’ve got a great business idea and we’ve got one of Australia’s most valuable business plan competitions – we should get together.

At UQ Business School we don’t just talk about supporting entrepreneurship and innovation. We put our money where our mouth is. And we’re talking big bucks. In 2001, we launched Enterprize – a business plan competition for budding entrepreneurs. It’s still one of the richest in Australia with $100,000 in cash to the winning team.

Interested?

To enter, simply produce a detailed business plan by 25 July and present it to judges and invited guests – including venture capitalists at the famous ‘pitch day’ in October. Competing teams must include a current University of Queensland student. UQ Business School works with interstate entrants to identify UQ students who can add value in terms of their business skills.

For more information e-mail enterprize@business.uq.edu.au or visit www.enterprize.uq.edu.au

Closing date for business concept plans – Monday 25 July 2005
Announcement of Enterprize finalists – Monday 1 August 2005  |  Enterprize pitch day – Friday 14 October 2005