MESSAGE FROM THE VICE-CHANCELLOR

This year’s UQ Research Week, to be held from September 22–26, is a wonderful opportunity to demonstrate our research excellence.

During the week, students, staff and the general public are invited to attend a range of public lectures, seminars and other events (see pages 11–14).

The focus on our world-class researchers is an important way for the University to showcase its achievements to the community and also to government, research agencies and potential industry and research partners.

UQ is consistently ranked as one of the top three Australian universities on most widely-accepted measures of research and research training performance.

Although UQ supports a broad research profile, it also invests strategically in selected areas to develop critical mass and internationally recognised strength.

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

UQ’s success is made possible by the talent and hard work of many people.

At the fifth annual UQ Foundation Research Excellence Awards ceremony, the University will recognise outstanding performance and leadership potential among UQ’s early-career researchers.

We look forward to congratulating the winners during UQ Research Week. In advance, I would like to thank them, and all members of the UQ research community, who contribute to making this University a world-class institution.

John Hay

Professor John Hay
Vice-Chancellor
Calling all Queensland “smarties”

Queensland’s “Smart State” reputation will be put to the test at an upcoming Guinness Book of Records attempt.

The Corporate Brain Tease – an enormous lunchtime quiz – will be staged from 11am–2pm on October 8 in the UQ Centre as part of UQ’s Brain Disease Challenge.

The challenge aims to raise much-needed funds for research into brain and nervous system diseases such as Alzheimer’s, Cerebral Palsy, Epilepsy and Multiple Sclerosis (MS).

A tax-deductible $500 donation to the challenge also doubles as the entry fee for a five-person team to compete in the event, with UQ teams eligible for a $150 entry fee.

A representative from the Guinness Book of Records will be on hand and if the bid to have the largest number of teams in a face-to-face trivia quiz is successful, it will be published in the renowned international publication.

Teams from the Brisbane Lions, Mack Trucks Australia Pty Ltd and G James Glass and Aluminium Pty Ltd have already signed on for the quiz.

Lunch, refreshments and certificates of participation will be provided as well as category and overall prizes.

Two hundred teams are needed if the record is to be set.

To register, contact Development Office Director Margaret Burke (telephone 07 3346 3902 or email margaret.burke@uq.edu.au).

in brief

New ultrasound unit
UQ’s Musculoskeletal and Sports Injuries Physiotherapy Clinic has recently purchased a diagnostic ultrasound imaging unit aided by a Physiotherapy Alumni of Queensland donation.

The new unit will help current patients with low back problems and enable further research into other areas of the body where local joint motor control problems have been identified.

Back pain sufferers are able to see muscle problems instantly and the physiotherapist can use their feedback to help effectively retrain the use of muscles.

People with low back problems interested in having their spinal muscle system assessed should contact the clinic.

Information: 07 3365 2232

Reconciliation event
UQ will hold a public ceremony to mark the National Week of Prayer for Reconciliation on September 17.

The multi-faith prayer evening will include performances by a singing group and the Aibai Sagalual Buai Torres Strait Island Dancers, prayers by representatives of faith groups and a candle-lighting ceremony.

The seventh annual ceremony forms part of UQ’s activities to support reconciliation and is organised by the Aboriginal and Torres Strait Islander Studies Unit and Chaplaincy Services.

The ceremony will be held in the natural amphitheatre between the University lakes and the UQ Staff and Graduates Club from 5.30–6.45pm.

Information: 07 3365 6714

Atoms show true feelings

The behaviour of atoms has something in common with human interaction.

New research shows atoms might display, in metaphorical terms of course, human traits such as attraction and rejection.

An international team of researchers, including Professor Peter Drummond and Dr Karen Kheruntsyan from UQ’s School of Physical Sciences, have found particular arrangements of atoms behaving in “human” ways.

“Atomic correlations are like human relations,” said Professor Drummond, Director of the UQ-node of the Australian Research Council Centre of Excellence for Quantum-Atom Optics (ACQAO).

“You can either love someone or hate them and consequently you may try to be close to them or you may avoid them.”

“Now we can tell exactly how much ‘like’ or ‘dislike’ atoms have for each other when confined to a wire-like waveguide at ultra-low temperatures.”

The team from Australia, The Netherlands and France used a simple combination of mathematical ideas, without the use of a supercomputer, to study atomic correlations.

They found that if atoms were confined to travel along a wire, they either bunched together or avoided each other – hence the love/hate description.

The results were recently published in the prestigious American Physical Society’s journal, Physical Review Letters.

The problem of atomic correlations was first studied in the 1960s by Nobel Prize winner Chen Ning Yang.

However no exact atomic correlations at finite temperature have been found over the past 40 years.

Possible applications for the research are to the studies of atom lasers, high-precision interferometry and development of “atom-chip” devices.
Exploring boundaries

Three new Australian Research Council (ARC) centres announced last month will be headed by The University of Queensland.

UQ researchers will receive more than $15 million to lead three Australian Research Council (ARC) centres announced last month.

Professor Max Lu will lead the Centre for Functional Nanomaterials ($7 million over five years); Professor Mark Ragan the Centre for Genome-Phenome Bioinformatics (almost $4 million); and Professor Peter Lindsay the ARC Centre for Complex Systems ($4.5 million).

UQ was the only Queensland university to receive funding and was also the lead partner in more ARC Centres than any other university in the country.

With ARC Centres of Excellence announced late last year, UQ is sharing in more than $71 million out of a national funding pool of almost $140 million.

UQ Deputy Vice-Chancellor (Research) Professor David Siddle said the new centres added to the University’s leadership of the Centre of Excellence for Integrative Legume Research, partnerships in four other Centres of Excellence, and heading the Special Research Centre in Functional and Applied Genomics.

Professor Lu from UQ’s Nanomaterials Centre said the establishment of the Centre for Functional Nanomaterials would further push back the boundaries of nanotechnology.

He said the work of the Centre would build on existing research, including new forms of efficient and cheap sustainable energy, as well as developing biomaterials and engineering tissue with potential use in organ replacements.

Professor Ragan from UQ’s Institute for Molecular Bioscience said the Centre for Genome-Phenome Bioinformatics would use advanced computing techniques to examine how a genome comes to life in the cells of mammals.

The Centre will develop advanced bioinformatic strategies, software and databases, and integrate them with existing tools to produce a prototype of a visual cell, a dynamic 3D computer model making it possible to manage and understand large, complex bio-data sets.

“This research will eventually allow us to predict how the mammalian genome forms and functions, which will have wide-ranging applications,” Professor Ragan said.

Professor Lindsay from UQ’s School of Information Technology and Electrical Engineering said the Centre for Complex Systems would conduct basic and applied research on questions fundamental to understanding and managing complex systems.

The research, based around applications in air traffic control, genetic regulatory networks and the evolution of economic systems, promises fundamental breakthroughs on how such complex systems could be managed and controlled.

Coup for consortium

In a coup for Australian research and development, the prestigious National Institutes of Health (NIH) in the United States has awarded a $US1.3 million grant to an Australian research consortium whose work could improve the lives of millions of women worldwide.

The grant will be used to fund a five-year trial studying the management and treatment of erratic bleeding in Implanon users.

Thousands of Australian users of progestogen-only contraceptives such as Implanon experience frequent or prolonged bleeding leading to high rates of discontinuation.

“It is rare for any NIH grant to be awarded to a group based entirely outside the US which makes us particularly proud,” said chief investigator Professor Ian Fraser, Honorary Director of the Sydney Centre for Reproductive Health Research.

Implanon has been provided to more than 160,000 since its introduction in May 2001.

The contraception lasts for three years and is at least 99.91 percent effective in preventing pregnancy.

However, around 30 percent of women using Implanon experience troublesome bleeding and two thirds of those discontinue use.

“A safe and effective treatment for the unacceptable bleeding some women experience in the first six months of using Implanon, would be a major advance in improving contraceptive choice and the social wellbeing of women worldwide,” said Brisbane investigator Dr Vivienne O’Connor from UQ’s School of Medicine.

A number of different treatments will be trialed and it is hoped any treatments developed will be long lasting, improve continuation rates and reduce overall costs to the community.

Any treatment devised is expected to be applicable to users of other progestogen-only contraceptives.

The research consortium also includes Prince Henry’s Institute of Medical Research, Melbourne; Royal Women’s Hospital, Melbourne; and the University of Western Australia.

UQ NEWS, SEPTEMBER 2003
Growth boom measured

Statistics indicate Queensland remains the number one state for attracting new residents.

Queensland continues to be Australia’s fastest growing state, according to the latest State Government population projections based on a powerful UQ model.

The figures, released by Queensland Treasurer Terry Mackenroth in late August, confirm Queensland’s population is likely to grow from 3.6 million in 2001 to 5.3 million in 25 years, reaching 6.5 million in 50 years.

The figures also show Queensland’s population is projected to grow substantially from both interstate and overseas migration. Most of the State’s growth will be concentrated in south-east Queensland, which will reach the 2001 State population of 3.6 million within 25 years.

The majority of growth is projected in older age groups, with the number of people aged 65 years and over increasing threefold by 2051.

Ageing of the population will cause the median age of Queenslanders to rise from 35.0 years in 2001 to 47.3 years in 2051.

Dr Tom Wilson and Dr Martin Bell of UQ’s Queensland Centre for Population Research (QCPR) developed the demographic model which was used to produce the projections under a collaborative arrangement with the State Government’s Office of Economic and Statistical Research (OESR).

During 2003, the OESR initiated a whole-of-government process to develop new population projections for Queensland and its statistical divisions.

The QCPR was invited to participate on the advisory group to provide modelling skills and demographic expertise.

The Queensland Government provided financial support to establish the QCPR.

One important product of the collaboration was the UQ mathematical projection model which is known as the Subnational Projections for Australia and Regions of Queensland (SPARQ).

The SPARQ model produces projections by age and sex for each year of the projection period, adding projected births and in-migration, and subtracting deaths and out-migration for each year into the future.

One of the key features is how the model handles migration. Compared with previous models, it is more responsive to the way population size and age composition affects population movements within Australia.

Dr Bell, Director of QCPR and Acting Head of UQ’s School of Geography, Planning and Architecture, said the model was one of several state-of-the-art forecasting algorithms developed through pure and applied research at QCPR.

UQ researchers were out in force during recent National Science Week activities.

The annual nationwide celebration of all things scientific was held from August 16–24.

More than 25 UQ researchers attended the Queensland Government’s second annual Science in Parliament day on August 20.

“The researchers were among 210 Queensland scientists invited to meet one-on-one and in discussion forums with parliamentarians,” said Deputy Vice-Chancellor (Research) Professor David Siddle.

“This year’s theme was biodiversity and it was a great opportunity for our researchers to increase awareness among politicians of science and research-related issues and to establish improved methods of support for each other,” he said.

On a younger note, koala tracking activities and a virtual tour of the solar system were just some of the options for school children at the Brainwaves Science Festival from August 21–24.

The festival, held at the Brisbane Technology Park at Eight Mile Plains, was organised by UQ’s Faculty of Engineering, Physical Sciences and Architecture.

It was sponsored by the Queensland Government’s Department of Innovation and Information Economy and the Department of State Development with funding by the Department of Science and Training.

On August 21, metallurgical engineer Kym Runge from UQ’s Julius Krutttschnitt Mineral Research Centre received one of five inaugural Queensland Government Smart Women – Smart State awards.

Ms Runge jointly won the research scientist category and received $2500, a trophy and certificate.

UQ staff and students were also among 26 workshop presenters at Ironside State School’s Science Day on August 21.
A powerful new supercomputer will provide a quantum leap in how we understand the Earth's behaviour.

The University and the Queensland Government signed a major agreement in August to acquire one of the most powerful supercomputers in Australia.

The State Government is investing $4.5 million from its Smart State Research Facility Fund to help establish the Australian Computational Earth Systems Simulator (ACcESS).

ACcESS is a $15 million new Major National Research Facility headquartered at UQ.

It is expected to provide a quantum leap in the way we understand our planet and how it works.

Potential outcomes of the facility include improved ability to forecast earthquakes and locate mineral deposits.

The Minister for Innovation and Information Economy, Paul Lucas, said ACcESS meant an extra 40 to 50 jobs for Queensland.

“This project was one of the first to receive funding under the Smart State Research Facilities Fund, and I’m delighted that partners such as Silicon Graphics Inc (SGI) are also firmly behind this national research facility.”

“ACcESS is part of the clustering of major infrastructure at UQ, such as the recently opened $105 million Queensland Bioscience Precinct,” he said.

UQ Vice-Chancellor Professor John Hay congratulated the Queensland Government for supporting the facility, which is led by Professor Peter Mora, Director of the Earth Systems Science Computational Centre at UQ.

“This facility is part of the clustering of major infrastructure at UQ, such as the recently opened $105 million Queensland Bioscience Precinct,” he said.

“This supercomputer will place ACcESS firmly in the global spotlight as a leader in Earth systems simulation and will allow them to link with other Earth simulator facilities around the world.”

UQ will use the funding to purchase a SGI Altix supercomputer system equipped with 208 of Intel's new Itanium II processors.

The computer is capable of more than one million million (ten to the power of 12) operations per second, making it among the fastest in the nation.

“ACcESS to supercomputing from left: Professor Hay, Mr Lucas and Professor Mora.

A powerful new supercomputer will provide a quantum leap in how we understand the Earth’s behaviour.

These facilities are helping attract new industries to the State and lure to Australia some of the best scientific minds on the planet.”

Professor Hay said the ACcESS simulator facility had received bipartisan support, also attracting $4.8 million in the Federal Government’s Major National Research Facilities round in 2001.

UQ will use the funding to purchase a SGI Altix supercomputer system equipped with 208 of Intel’s new Itanium II processors.

The computer is capable of more than one million million (ten to the power of 12) operations per second, making it among the fastest in the nation.

Professor Mora said the facility was expected to provide a never-before-seen predictive capability for complex Earth processes.

“This will help underpin a new era of predictive minerals discovery, mining technology and software innovations, and environmental forecasting of natural hazards such as earthquakes,” he said.

“Like the global climate supercomputer models that are revolutionising prediction of climatic change, the Earth systems simulator models will revolutionise prediction of solid Earth processes.”

Over the past five years, Queensland has been established as a leader in computational Earth systems science through a forefront research program established by Professor Mora.

He developed the APEC Cooperation for Earthquake Simulation (ACES) and the ACcESS Major National Research Facility.

ACES partners worldwide include the NASA Jet Propulsion Laboratory, Tokyo University, and Peking University.
Library survey

The UQ Library is conducting a survey until November 21 about how well it meets people’s needs.

The survey covers communication, service quality, service delivery, facilities and equipment, and staff.

To take part, obtain a print copy from information desks in branch libraries or complete the survey at www.cybrary.uq.edu.au/survey.

Forms have also been sent to randomly selected staff and students.

Presidential move

The UQ Secretaries’ and Office Professionals’ Association (UQSOPA) farewelled its President at an Annual General Meeting recently.

Hilary Mackie, Personal Assistant to the Executive Dean of the Faculty of Business, Economics and Law, Professor Ian Zimmer, stepped down as President after two years in office.

Incumbent President Sue Fox, Personal Assistant to Deputy Vice-Chancellor (Academic) Professor Margaret Gardner, said she intended to continue the professional development of staff that began under Ms Mackie’s leadership.

Journalist honoured

A UQ student has been acknowledged for her journalistic abilities by the industry’s peak organisation.

Julia Keith, a Graduate Diploma in Journalism student, was a finalist in the recently awarded Media, Entertainment and Arts Alliance’s inaugural JUST Super Student Journalist of the Year award.

She was nominated for reports uncovering alleged attempts by an Olympic athlete to import prohibited performance-enhancing drugs.

Royals crown eco-trip

UQ staff played key roles in a recent visit by members of the Thai royal family.

UQ academics met with Thai royalty recently to discuss mangrove management and the Queensland legal system.

His Royal Highness Crown Prince Maha Vajiralongkorn and his daughter, Her Royal Highness Princess Bajrakitiyabha, visited Brisbane on August 18 as part of an eight-day visit to Australia.

Dr Norm Duke from UQ’s Centre for Marine Studies was invited by the Queensland Government to escort the Crown Prince on an official tour of the Boondall Wetlands.

“The Thai royals specifically requested information regarding mangrove management during their visit to Australia,” Dr Duke said.

“The family has strong mangrove conservation interests reflected, in part, by their patronage of at least eight mangrove research centres in Thailand.

“Australia has no comparable centres but UQ researchers are recognised worldwide for their knowledge of mangrove ecosystem structure, function and management.”

Dr Duke said the tour was designed to highlight mangrove research and education at UQ and to identify possible collaborative projects and exchanges.

During the 40-minute tour, Dr Duke discussed marine plant species and fauna, estuary mangrove management, community access, and research and monitoring.

He highlighted the benefits of recent coastal mangrove research and gave details of potential collaborative projects.

These included mapping and remote-sensing of ecosystem health, surveys of genetic resources, a marine oil spill advisory group, exchange programs and conferences.

Dr Duke said the Crown Prince enjoyed the tour.

“He asked a lot of questions especially about community involvement in habitat monitoring, impact assessment, conservation activities, and boardwalk construction,” he said.

Earlier in the day, Professor Charles Rickett, Professor John Denever and Graham Kenny from UQ’s School of Law met with Chief Justice Paul de Jersey and the Princess, who is currently completing a PhD in law, to discuss Australia’s legal system.

Targeting health problems

UQ is involved in four major health projects for the Asia-Pacific region.

As part of a recently announced International Collaborative Grants Scheme (ICGS) between Australia, New Zealand and the United Kingdom, UQ researchers will share almost $10 million in funding.

Head of UQ’s School of Population Health Professor Alan Lopez will lead a $3.2 million project examining the causes of disease in Thailand and ways of effectively reducing them.

The project will also look at how much disease and injury in Thailand is caused by major risk factors, such as tobacco and unsafe sex, and how best to tackle the problems in a Thai context.

UQ is involved in a further three projects aimed at improving health in the Asia-Pacific region, including one worth $1.38 million led by Professor Ian Frazer from UQ’s Centre for Immunology and Cancer Research.

Professor Frazer is studying the effectiveness of a vaccine designed to prevent tumors and cancers associated with human papillomavirus, the disease that causes genital warts, particularly common in China.

Associate Professor Gail Williams from UQ’s School of Population Health will be working with Professor Don McManus at the Queensland Institute of Medical Research on a $2.46 million project looking at the control and prevention of schistosomiasis, a debilitating disease caused by a water-borne parasite.

This affects 40 million Chinese people.

Dr Chris Bain from UQ’s School of Population Health will be part of a study mapping the changing pattern of disease in Thailand over the past half century and beyond.

The ICGS is funded jointly by the UK-based Wellcome Trust, Australia’s National Health and Medical Research Council and the Health Research Council of New Zealand.
A former United States astronaut and senior figure in the current US administration paid a successful visit to UQ’s Centre for Hypersonics last month.

US Director of Defense Research and Engineering Dr Ron Sega visited the Centre for briefings on scramjet and other research activities, and to meet staff and students.

The Centre has the largest group of hypersonics researchers in Australia and is the largest University-based hypersonics group in the world. Hypersonics is the study of velocities of Mach number five (five or more times the speed of sound).

Hypersonic lift

UQ’s space research has been praised by a US government official and ex-NASA astronaut.

Dr Sega requested to visit UQ while on a brief visit to Australia.

He was briefed on the HyShot™ program led by Professor Allan Paull and met UQ undergraduate students working on the Mars Gravity Biosatellite program, which aims to pave the way for human exploration of Mars.

“This is good work, and I look forward to further US collaboration with the team at UQ,” Dr Sega said.

“I am also pleased to have had the opportunity to learn about other activities conducted by Centre Director Professor Richard Morgan and his team.”

Dr Sega is the “father” of the National Aerospace Initiative, a three-phase US partnership between NASA and the Department of Defense.

The first phase of the initiative focuses on aerospace areas such as high speed propulsion and hypersonics.


He served as a mission specialist on two space shuttle flights—the first joint US/Russian space shuttle mission in 1994 and the first flight of the Wake Shield Facility in 1996.

He was also co-principal investigator for the Wake Shield Facility and Director of Operations for NASA activities at the Gagarin Cosmonaut Training Centre, Russia, from 1994-95.

Vaccine for deadly mosquito virus

UQ researchers have developed a vaccine that could protect against the deadly West Nile virus.

Dr Roy Hall from UQ’s School of Molecular and Microbial Sciences and Dr Alex Khromykh from the Sir Albert Sakzewski Virus Research Centre created the vaccine from work they were doing on the harmless Kunjin virus.

West Nile and Kunjin have very similar genetic sequences, but Kunjin produces only rare, non-fatal cases.

West Nile, a mosquito-borne virus that causes flu-like symptoms and encephalitis, has caused numerous human and equine fatalities and has no known cure.

To determine if exposure to Kunjin provided immunity to West Nile, Dr Hall, Dr Khromykh and colleagues injected mice with varying amounts of a DNA vaccine that produced replicating, but attenuated Kunjin virus.

After 19 days, the scientists found the mice had produced antibodies against both viruses. When challenged with lethal doses of West Nile, the mice were protected from disease.

The research findings were recently published in the prestigious Proceedings of the National Academy of Sciences.

The vaccine is expected to be further developed for human and animal use.


APPOINTMENTS

Lifetime researching role of communication

Professor Jan Servaes has been appointed the new Head of UQ’s School of Journalism and Communication.

As President of the European Consortium for Communications Research (ECCR), Professor Servaes has spent most of his academic life researching the role and impact of communication.

He said recent ECCR research indicated advancements in technology had had a major effect on how people understood the world and communicated.

Professor Servaes has undertaken research, development and advisory work around the world and has also authored a communications handbook for UNESCO.

As well as conducting various research projects for the European Union over the past decade, he has taught at several overseas universities, including in Belgium, The Netherlands, the United States and Thailand.

Enhancing food science industries

Food and nutrition sciences in Queensland will be greatly strengthened by the appointment of an international expert by UQ and the Queensland Department of Primary Industries (DPI).

Dr Mike Gidley will take up the dual role of UQ Centre for Nutrition and Food Science Director and research mentor for the DPI’s Agency for Food and Fibre Sciences.

He is currently group leader of the plant-based foods and ingredients section of Unilever Research in the United Kingdom.

In this position he supervises staff who are conducting research in plant genomics, materials science and processing, and the discovery and sourcing of nutritional and functional food ingredients.

Dr Gidley was awarded a Bachelor of Science in chemistry from the University of London and a PhD from the University of Cambridge.

Robots challenge

School children from around the country converged on UQ recently for a junior battle of robotic supremacy.

Brisbane schools won three out of the five events at the largest robotics competition for primary and high school students ever held in Queensland.

UQ played host to the annual RoboCup Junior Open Challenge from September 6–7.

Almost 200 schools from all around Australia and South-East Asia competed in the categories of dance, rescue and soccer.

The competition was organised by UQ’s School of Information Technology and Electrical Engineering (ITEE) and was held at the UQ Centre.

Local winners included Brisbane Grammar School’s Thunder Robotics team, who won the rescue and premier rescue categories, while the Croc Rock team from Brisbane’s Kimberley Park State School won the junior dance competition.

School of ITEE Activities Officer Lynne Launt said teams had been preparing all year, building and programming robots using LEGO.

Other winners included the Robo Gods from St Ives North State School in New South Wales (soccer category) and the Caribbean Cruises from the Linked Training Group, NSW (open dance category).

The winners and runners-up are eligible to compete in the 2004 RoboCup Junior World Cup in Lisbon, Portugal.

Workforce turnover costly

High workforce turnover is eroding the productivity of Australian mines, causing losses running into millions of dollars each year.

This conclusion is contained in a report released by the Centre for Social Responsibility in Mining (CSRM) and UQ’s Minerals Industry Safety and Health Centre.

The report, Workforce turnover in FIFO mining operations in Australia: an exploratory study, discusses three aspects of staff turnover – impact, contributing factors, and reduction strategies.

Based on case studies of six northern Queensland and three Western Australian mines, the study found managers needed to be more aware of the negative effects of high workforce turnover on mining operations.

Seven of the sites were Fly-In Fly-Out (FIFO) operations.

This report is the first to quantify the financial cost of workforce turnover in FIFO operations in Australia and it is expected that similar losses occur in other mining operations in Australia.

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Portfolio of amazing discoveries showcased

UQ’s outstanding research achievements will be celebrated during the second annual UQ Research Week, which runs from September 22–26.

The event is designed to raise awareness of UQ research among the University community, the general public, industry, government and the media.
UQ RESEARCH WEEK, which runs from September 22–26, includes two 2020 Vision free public lectures, the launch of the Boeing Systems Engineering Teaching Laboratory and the release of the University’s 2003 Research Report.

It will culminate with the annual UQ Foundation Research Excellence Awards ceremony on September 25.

Deputy Vice-Chancellor (Research) Professor David Siddle said he encouraged staff and students to take part in UQ Research Week activities.

"UQ consistently ranks as one of the top three research-intensive universities in Australia and this week is a highlight in the University calendar," Professor Siddle said.

"UQ is proud of its record of achievements in research and research training.

"These achievements can be attributed in large measure to the talent, creativity and dedication of its staff and to the fact that there is a shared vision and shared aspirations among this University’s community.”

Other UQ Research Week activities will include public lectures, panel discussions, research forums, a research scholarship information session and a debate.

The following pages highlight the multitude of activities taking place during UQ Research Week.

For full details of this year’s program, visit the website below.

Events will be held on the St Lucia campus unless otherwise indicated.

www.uq.edu.au/research

Questions and answers

The work of UQ researchers will be highlighted at two free 2020 Vision public lectures from 7pm–9pm on September 22 – the first day of UQ Research Week.

The lectures will offer an insight into future developments and demonstrate the diversity of world-class UQ research.

Deputy Vice-Chancellor (Research) Professor David Siddle will chair the lectures at the UQ Centre lecture theatre, Union Road, St Lucia campus.

**TALKBACK RADIO**

Centre for Critical and Cultural Studies Director Professor Graeme Turner will discuss the history, hosts, politics and listeners that make talkback radio so popular.

“Now people recognise the tremendous influence talkback radio has and, as such, it has become the format of choice for politicians.”

Professor Turner said radio was declining in importance, because most talkback radio hosts aren’t journalists, the real virtue of the format for politicians is that they can bypass the interviewer and talk directly to people.”

Professor Turner also plans to compare talkback radio’s treatment of issues with other media outlets.

**TISSUE ENGINEERING**

Centre for Research in Vascular Biology Director Professor Julie Campbell will discuss a way in which patients may be able to grow their own vascular grafts to replace or bypass diseased vessels.

Her lecture will focus on the development of vascular grafts and what this area of tissue engineering will be like in the future.

Professor Campbell said by 2020, surgeons would be able to design a multi-purpose vascular graft according to a patient’s needs.

“Patients will be able to grow their own vascular grafts to the length and diameter required for their individual needs in the form of a designer artery,” she said.

Professor Campbell will explain her groundbreaking research that allows vascular grafts to be grown from cells of bone marrow origin.

She said the grafts, grown inside the patient to avoid rejection problems, take only two to three weeks to harvest, can be grown repeatedly and are not susceptible to bursting.

The technique uses the principles of granulation in which immune cells known as macrophages build a capsule around a foreign body to segregate it.
The UQ Foundation Research Excellence Awards recognise outstanding performance and leadership potential among UQ’s early-career researchers. The awards ceremony, featuring a video presentation showcasing the seven 2003 winners, will be held on September 25 in the UQ Centre.

“This will be a wonderful occasion where we can celebrate the success of both the awardees and the many UQ researchers who have worked so hard to secure external funding,” said Deputy Vice-Chancellor (Research) Professor David Siddle.

More than 400 people will attend the ceremony, which provides an opportunity for business, government and community representatives to gain an insight into the future direction of UQ research and the benefits it can bring.

Introduced in 1999, the awards area a joint initiative of The University of Queensland Foundation Limited and the Office of the Vice-Chancellor.

The awards ceremony is one of the key elements of UQ Research Week and this year a total of $465,000 will be awarded to the winners enabling further development of their research activities.

One of Australia’s leading biological scientists Dr Graham Mitchell will present the guest speech entitled Brain drains, brain grains and no-brainers!

Dr Mitchell is a science and technology advisor to the Victorian Government and jointly acts as Chief Scientist for the government’s Department of Primary Industries and Department of Sustainability and Environment.

He is a Principal of Foursight Associates Pty Ltd and a non-executive Director of Antisense Therapeutics Ltd, Compumedics Ltd, AVS Pty Ltd and the Geoffrey Gardiner Dairy Foundation.

The author of more than 350 publications, Dr Mitchell has received numerous awards for scientific achievements and was appointed an Officer of the Order of Australia in 1993 for services to science, in particular immunoparasitology.

The function will also provide an opportunity to publicly acknowledge the outstanding research achievements of the many new and continuing Australian Research Council (ARC) and National Health and Medical Research Council (NHMRC) grant recipients.

“As one of the country’s most comprehensive research-intensive universities, UQ is regarded among the elite tertiary institutions in Australia and more and more on the international stage thanks to the talents of our researchers,” Professor Siddle said.

“As a way for UQ to show its appreciation, the grant recipients have been asked to attend the awards ceremony where their contribution will be officially acknowledged.”

UQ’s 2003 Research Report will also be released at the event.

A research forum entitled What does university research mean to the media? will take place from 2–3.30pm in the Senate Room, Brian Wilson Chancellery.

Speakers include Associate Professor Ian Godwin (School of Land and Food Sciences), John Harrison (School of Journalism and Communication) and Colleen Clur (Office of Marketing and Communication).

A forum entitled Surviving and prospering in the current research environment will follow from 4–6pm.

Speakers include Deputy Vice-Chancellor (Research) Professor David Siddle, Professor Graeme Turner (Centre for Critical and Cultural Studies), Professor Cindy Gallois (Centre for Social Research in Communication), Professor Ron Dickinson (Centre for Studies in Drug Disposition) and Associate Professor Jenny Martin (Institute for Molecular Bioscience).

UQ Foundation Research Excellence Award

Informing scholars

A research scholarship information session and research forums will be held on September 23 as part of UQ Research Week activities.

The research scholarship information session is designed to promote UQ research possibilities to potential postgraduate students.

It will be held from 4–7pm in the seminar room, Social Sciences and Humanities Library, with refreshments provided.

“UQ will be awarding around 250 scholarships for research higher degree students commencing in 2004, said Dean of Postgraduate Studies and UQ Graduate School Director Professor Alan Lawson.

“The information session will outline the range of scholarships available and the selection procedure as well as provide detailed advice on the application process.”

Bookings:
r.johnson@research.uq.edu.au
Healthy arteries and healthy airwaves

Chaired by Professor David Siddle, Deputy Vice-Chancellor (Research). You are invited to UQ’s 2020 Vision public lecture, to be presented by Professor Julie Campbell and Professor Graeme Turner. You are welcome to attend one or both presentions.

Monday 22 September 7pm
UQ Centre, Union Road St Lucia Campus
Free admission and refreshments, bookings essential – visit: http://www.uq.edu.au/research/2020register or contact Anna Roberts Ph: 3365 3159 Email: anna.roberts@uq.edu.au

6.45pm for 7.00pm
UNDERSTANDING TALKBACK RADIO
Professor Graeme Turner
Director, Centre for Critical and Cultural Studies
Talkback radio dominates the AM ratings and has become a medium of choice for political parties. Professor Turner, conducting Australia’s most comprehensive study into talkback radio, will explain audience interest, host-caller relations, and the current and future social, political and cultural placement of the format.

8.00pm
TISSUE ENGINEERING OF VASCULAR GRAFTS: WHAT WILL IT BE LIKE IN 2020?
Professor Julie H. Campbell
Director, Centre for Research in Vascular Biology
School of Biomedical Sciences
In vitro tissue-engineered vascular grafts to bypass or replace damaged or diseased arteries have proven disappointing. Groundbreaking research is being conducted at UQ into ‘grow you own’ vascular grafts from cells of bone marrow origin. By 2020, surgeons may be able to design a multi-purpose graft according to the patient’s needs.

There are many other informative and interesting events during UQ Research Week.

■ MONDAY, SEPTEMBER 22
Internationalising curriculum studies public lecture and wine and cheese reception
Speaker: Professor Bill Pinar (an internationally respected curriculum theorist, Fulbright scholar and St Bernard Parish Alumni Endowed Professor at Louisiana State University, United States)
5–7pm, Conference Room, Social Sciences and Humanities Library
Coordinator: School of Education

What are the key messages in genetics and how can we broadcast them? seminar
Speaker: Dr Kristine Barlow-Stewart (New South Wales Genetics Service)
11am–noon, Auditorium, Queensland Bioscience Precinct Coordinator: Office of Public Policy and Ethics, Institute for Molecular Bioscience (IMB)
Bookings: a.wallace@imb.uq.edu.au

■ TUESDAY, SEPTEMBER 23
Theories of identity and difference: connections to educational and social research panel discussion
Speakers: Professor Pinar (see details above); Garry Foster (School of Social Work and Applied Human Sciences); Valerie Harwood (University of Wollongong); and Mary Lou Rasmussen (Deakin University).
4–6pm, Room 603, Social Sciences Building
Coordinator: School of Education

■ WEDNESDAY, SEPTEMBER 24
Launch of Boeing Systems Engineering Teaching Laboratory
9.30am, UQ Centre foyer, by invitation.
Coordinator: School of Information Technology and Electrical Engineering

Postgraduate colloquium
Speaker: Professor Pinar (see details above)
1–4pm, SBS Conference Room, Social Sciences Building
Coordinator: School of Education
Bookings: k.weir@uq.edu.au

Swimming in the sea of change: is regulation killing innovation debate
Speakers: Dr Ian Findlay (Australian Genome Research Facility); Professor Lyn Griffith (Griffith University); and Associate Professor Jan MacMillan (Queensland Clinical Genetics Service) versus Dr Peter Isdale (IMB); Professor Wayne Hall (IMB); and Professor William Grey (School of History, Philosophy, Religion and Classics).
6–8.30pm, Customs House, 399 Queen St
Coordinators: Australian Research Management Society and Australian Institute of Health, Law and Ethics
Bookings: m.vermeulen@research.uq.edu.au

How to submit your thesis workshop
Speakers: Professor Alan Lawson (UQ Graduate School); Katie Abbey (Office of Research and Postgraduate Studies); Heather Todd (Biological Sciences Library); and Col Bruce (UQ Printery).
Noon–1.30pm, Room 115, Prentice Building
Coordinator: UQ Graduate School
Bookings: 07 3365 8846, r.johnson@research.uq.edu.au

■ THURSDAY, SEPTEMBER 25
Career building in academe: starting out seminar
Speaker: Dr Maryanne Dever (Centre for Women’s Studies and Gender Research Director, Monash University)
noon–1.30pm, Room 234, Parnell Building
Coordinator: UQ Graduate School
Bookings: 07 3365 8846, r.johnson@research.uq.edu.au

■ FRIDAY, SEPTEMBER 26
From research to publication: getting started seminar
Speaker: Dr Maryanne Dever (see details above)
10–11.30am, Room 358, Physiology Lecture Theatres
Coordinator: UQ Graduate School
Bookings: 07 3365 8846, r.johnson@research.uq.edu.au

Academic job interviews: being prepared seminar
Speaker: Dr Maryanne Dever (see details above)
2–3.30pm, Room 160, Physiology Lecture Theatres
Coordinator: UQ Graduate School
Bookings: 07 3365 8846, r.johnson@research.uq.edu.au
Digging into Diggles

The life of a pioneer Brisbane ornithologist and scholar is being celebrated in a unique way.

When faced with producing the most challenging work of his career, UQ’s Dr Rod Fisher warmed to what became a fascinating study.

He came up with a post-modern way of presenting the life and times of Silvester Diggles, one of the leading lights of Brisbane during the latter 19th Century. Dr Fisher, an honorary research consultant with UQ’s Centre for Applied History and Heritage Studies said Mr Diggles was largely unrecognised by history.

He decided his subject was so multi-faceted, he would treat his career, UQ’s Dr Rod Fisher warmed to what became a fascinating study.

“Here we have everything on CD.” Dr Fisher said Mr Diggles was a pioneer ornithologist, entomologist, astronomer, photographer, artist and musician all rolled into one.

“And he did all this while earning his family’s keep as a teacher and piano-tuner.” Dr Fisher said.

“The further I delved into his life the more I realised no ordinary biography would do justice to this versatile man in the context of his times.”

Between his arrival in Brisbane in 1855 from Liverpool, England, via Sydney, until suffering a stroke in late 1875, Mr Diggles put his weight behind institutions including the School of Arts, the Queensland Philosophical Society, Queensland Museum, New Church Society, musical societies, private schools and local exhibitions.

Dr Fisher said Mr Diggles strove to transplant the kind of culture he had known in civilised Merseyside to colonial Brisbane.

Dr Fisher’s study started in 1997 hence the publication Digging Down Under will be available in two formats – a colourful double CD with 110-page manual or the manual with a two-volume book of the CD that will provide a hard copy of the history section, library of texts and selected images as a boxed set.

“Only some of his birds, insects and landscapes have ever seen the light of day,” Dr Fisher said.

“Here we have everything on CD.” Dr Fisher said Mr Diggles was a pioneer ornithologist, entomologist, astronomer, photographer, artist and musician all rolled into one.

“And he did all this while earning his family’s keep as a teacher and piano-tuner.” Dr Fisher said.

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Dr Fisher’s study started in 1997 and has involved research in Australia and England, with assistance by Griffith University multimedia teams.

ITEE scholars win $35,000

More than $35,000 from industry and the Federal Government has been awarded to five UQ students.

The School of Information Technology and Electrical Engineering (ITEE) held its annual awards presentation ceremony on August 8.

Third-year software engineering student Paul Jones was awarded the inaugural Capital Markets Co-operative Research Centre (CMCRC) Scholarship valued at $20,000 for one year, renewable for a second.

It entitles Mr Jones to vacation employment with CMCRC and was open to Bachelor of Engineering (information technology and electrical engineering) students intending to enrol in a Masters or PhD program.

A $5000 CITR Scholarship in Information Technology was presented to fourth-year IT student Erica Glynn.

Designed to assist a meritorious IT honours student, the scholarship also offers Ms Glynn the opportunity to complete vacation employment at CITR, a developer of e-business solutions.

Jacob Jordan, a fourth-year electrical engineering student, was awarded the $5000 Telstra Honours Scholarship in Electrical Engineering.

Fifth-year software engineering/business management student James Gestier received the $4000 Defence Science and Technology Organisation (DSTO) Scholarship.

Two $1000 Telstra Undergraduate Second-Year Scholarships in Electrical Engineering were awarded to computer systems engineering student Michael Sallaway and electrical engineering student Paul Kubik.

UQ’s School of Engineering is offering eight scholarships each worth $12,000 over four years for students beginning studies in 2004.

Applications close October 31. For details, telephone 07 3365 4544 or visit www.eng.uq.edu.au
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**Full details** and a copy of the competition application form can be found on the [UniQuest website](http://www.uniquest.com.au) or by telephoning Anne-Marie Birkill on 07 3365 4037.
Eminent visitors
Academics from Wuhan University in China are visiting UQ until October to study the Problem-Based Learning (PBL) curriculum within UQ’s medical program.

The academics plan to design and implement a pilot PBL program upon their return to Wuhan University. They first heard about PBL when School of Medicine Head Professor Ken Donald visited the university in 2001.

The academics include Professor Zhou Xinhau (anatomy), Associate Professor Yu Baoping (internal medicine) and Associate Professor Jiang Zhiqing (paediatric surgery).

Information: 07 3365 5106

Night of diversity
More than 550 students and staff attended UQ’s second annual Aussie-international night at the UQ Centre on September 2.

Sponsored by UQ Deputy Vice-Chancellor (International and Development) Professor Trevor Grigg and the UQ Union, the event celebrated cultural diversity and promoted social integration.

Highlights included an international food buffet and performances by an Aboriginal dance troupe, Indonesian dancing, Taiwanese and Indonesian instrumental performances, Philippine dancing and singing, a Chinese karaoke duet and a flute recital.

Students live ‘Ekka’
Irresistible baby farm animals, including alpacas, emus and donkeys, were a feature of UQ’s animal nursery at the Royal Queensland Show last month.

Nursery coordinator Dr Mark Hohenhaus from UQ’s School of Animal Studies said a miniature mouse circus, complete with coloured lights and music, also proved a hit.

“We even had coloured rats and a Lowline cow and calf, a type of miniature cattle breed, made their first appearance in the nursery,” he said.

The nursery housed all the usual favourites – including lambs, kids, foals, ducklings, piglets, and chickens with their mothers.

Around 30 Certificate in Animal Husbandry students worked and lived at the nursery during the show.

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Artwork by well-known Victorian artist Bruno Leti from the past 20 years will be on display next month at UQ’s Customs House Art Gallery.

The exhibition, entitled Bruno Leti: a survey of artist’s books 1982-2003, will be on display from October 17 to November 30 and will comprise 43 works produced by Mr Leti in his artist books since 1982.

“Bruno Leti is a painter, printmaker and book artist who has been exhibiting in Australia and overseas for the past 35 years,” said University Art Museum Director Ross Searle.

The diverse works of artist Bruno Leti will be on show at UQ’s Customs House in October.
Snapshots of changing times

Themes of globalisation and Australian cultural identity are the focuses of a touring art exhibition.

A touring exhibition of contemporary Australian artwork is being showcased at the Customs House Art Museum.

"Home and away: place and identity in recent Australian art" features a selection of paintings, photographs, sculptures and installations by 16 artists.

"The works explore different perspectives on personal, social and national identity – from the identification of Australia through sentimental cultural icons such as the kangaroo and the koala, to more politically-charged ideas and representations based on racial and gender stereotypes," said University Art Museum Director Ross Searle.

Mr Searle said Australia’s colonial and migrant history was the subject of many works in the exhibition with more recent works dealing with changes to the concept of Australia as a destination.

"Themes of globalisation, Indigenous dispossession and cross-cultural identity are investigated in powerful works highlighting Australia’s cultural diversity and registering the shifting allegiances and identities created by colonisation and successive waves of migration,” he said.

Artists represented at the exhibition include: Gordon Bennett; Stephen Bush; Juan Davila; Destiny Deacon; Diena Georgetti; Raafat Ishak; Leah King-Smith; Fiona MacDonald; Tracey Moffatt; Linda Marrinon; Savanhdary Vongpoothorn; Judy Watson; Louise Weaver; and Constanze Zikos.

"Home and away: place and identity in recent Australian art" is a Monash University Museum of Art touring exhibition and has been supported by the National Exhibitions Touring Support Victoria’s exhibition development fund and the Museums Australia (Victoria) Regional Exhibition Touring Initiative (RETI).

It will be on display daily from 10am to 4pm until October 12 at the Customs House Art Gallery, 399 Queen St, Brisbane city.

Swimmer aims for Athens

Fringe Telstra Dolphins swimmer Andrew Mewing hopes to use his first taste of international success as a springboard to selection for next year’s Athens Olympics.

The commerce/law student was one of six UQ athletes to represent Australia at the World University Summer Games held in South Korea in August and involving 7500 athletes from 172 countries.

Mr Mewing anchored the Australian 4x100m freestyle relay team to a silver medal just 0.31 seconds behind gold medallists Great Britain.

The UQ Sports Scholarship holder contested a heavy schedule during the contest, competing in the 50m, 100m and 200m freestyle events as well as the 4x100m and 4x200m freestyle relays.

Mr Mewing was joined in the Australian University team by fellow UQ athletes Toby Jenkins (water polo), Terrence Lodge (volleyball), Debbie Pickersgill (athletics), Bradley Smith (volleyball) and Kelli Waite (swimming).

Mr Jenkins, a fixture in the national men’s water polo team, also tasted success when the Australians downed Italy 9-7 in the bronze medal playoff.

Other results included: Debbie Pickersgill, seventh in the women’s discus final; Kelli Waite, eighth in the 200m breaststroke final; and Bradley Smith and Terrence Lodge, 22nd with the men’s volleyball team.
To publicise your conference or seminar, email Joanne van Zeeland at j.vanzeeland@uq.edu.au

**AUSTRALIAN STUDIES**

**Territorial techniques: the Australian Studies Centre master class:** October 31–November 2, Customs House, 399 Queen St

The Australian Studies Centre’s annual three-day masterclass will focus on how Australian spaces are organised, perceived and represented.

Aimed at postgraduates and early career researchers, it will examine the cultural histories of specific spaces.

Session leaders include Professor Ross Gibson (University of Technology, Sydney) and Tony Birch (University of Melbourne).

Details: 07 3365 1369

**BENEVOLENCE**

**Benefit, burden, trace: the legacies of benevolence:** December 11–14, UQ Ipswich

The interdisciplinary conference will be hosted by the Postcolonial Research Group from UQ’s School of English, Media Studies and Art History.

Topics will range from ecology and environment to medicine and welfare.

Speakers include Associate Professor Rajeswari Sunder Rajan (Oxford University, UK), Professor Patrick Brantlinger (Indiana University, US) and Professor John Frow (University of Edinburgh, UK).

Details: 07 3365 1369

Getting published: a professional workshop for postgraduates and early career researchers: September 19, UQ St Lucia

The Australian Studies Centre workshop targeted at those researching Australian-related topics will bring together authorities on book, Internet and journal publishing.

Speakers include Dr Martin Crotty and Professor Robert Dixon (Australian Studies Centre) and Professor Graeme Turner (Centre for Critical and Cultural Studies).

Details: 07 3365 1369

**ECONOMICS**

**One day symposium on long-term issues in superannuation:** November 26, UQ St Lucia

Organised by the School of Economics, topics will include long-term saving issues and superannuation, and hedging strategies for superannuation funds.

Speakers include UQ’s Professor John Foster and Dr Jon Stanford, Dr Michael Drew (Queensland University of Technology) and Professor Ian McDonald and Professor John Freebairn (University of Melbourne).

Details: 07 3365 6594

**EDUCATION**

**Enriching the future: science education in the middle years:** October 3–4, UQ St Lucia

UQ’s School of Education and Bright Minds are hosting the conference, which will discuss issues facing middle years science educators.

Early-bird registration closes September 30.


**MINING**

**Water in mining:** October 13–15, Brisbane

UQ’s Sustainable Minerals Institute and the southern Queensland branch of the Australasian Institute of Mining and Metallurgy will host the first known conference in Australia on water-related challenges in the mining industry.

Speakers include Stephen Hunter, (Environment Australia); Colin Charters and John Williams (CSIRO Division of Land and Water); John O’Reilly (Rio Tinto); and UQ Emeritus Professor Ted Brown.

Details: www.ausimm.com/wim2003/

Topics will include encouraging novice scientists and how to teach fundamentals and set curriculum.

Details: 07 3365 7343

**Crossing boundaries in educational research:** October 31–November 1, UQ St Lucia

An annual UQ School of Education postgraduate conference for students of UQ, Griffith University and Queensland University of Technology to showcase their research and network with colleagues.

Details: woomba@powerup.com.au

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A new book co-edited by a UQ academic looks at issues facing tourism professionals in the areas of tourist health and safety.

Managing Tourist Health and Safety is co-edited by the School of Tourism and Leisure Management’s Professor Jeff Wilks.

“Since September 11 and the more recent Bali bombings, people have tended to focus on terrorism as the major physical threat to tourists,” Professor Wilks said.

“The book shows that, in fact, tourists get into trouble mainly as a result of being in unfamiliar environments and participating in unfamiliar activities.

“Knowing what the more common problems are for tourists, anywhere in the world, allows the industry to take better care of them.”

The book was co-edited by Professor Stephen Page from the University of Stirling in the United Kingdom.

“The idea for the book was conceived after Professor Wilks acted as an independent reviewer for several of Professor Page’s grant applications.

“Many of the topics covered in the books were hard to find in mainstream tourism literature so we decided to present current findings in a way that would be useful and interesting to the industry,” Professor Wilks said.

Eleven authors, many of whom are world leaders in tourism health and safety, contributed to the book, divided into four thematic sections.

Professor Wilks also contributed three chapters, covering the current status of tourism healthy and safety, advice for travel agents and safety and security at tourism destinations.

The first section, Medical Conditions and Injuries, looks at some of the more traditional academic material stemming from travel medicine and public health areas.

The second section, Adventure Tourism, is an emerging area Professor Wilks believes will be important in future years.

The third section, Advice and Best Practice, covers law, the role of travel agents and best practices with tourism from World Tourism Organisation member countries.

The fourth section, Selected Issues, draws insights from a range of perspectives on disaster management, transport and the environment.

Professor Wilks

The University of Queenslands Press

THE UNIVERSITY OF QUEENSLAND PRESS NEW RELEASES

Janette Turner Hospital, Borderline ($24)
A meat truck carrying illegal immigrants is intercepted at the Canadian-American border but an unconscious woman is inadvertently left inside the truck.

Two strangers, waiting in separate cars, impulsively smuggle her across the border, and their lives are changed irrevocably.

In this compelling novel, Felicity and Gus cross and re-cross borders between countries, between past and present, and between reality and illusion as they struggle to come to terms with the borderlines of their own.

Janette Turner Hospital, The Tiger in the Tiger Pit ($24)
In this powerfully dramatic saga, a mother works to reunite her children with their ailing tyrannical father and with each other.

Her son is a psychiatrist, one daughter is schizophrenic, the other a free-spirited concert violinist whose young son may yet redeem them all.

UQP has re-released five of Janette Turner Hospital’s novels as distinctive collector items: Charades, The Last Magician, The Ivory Swing, Borderline and The Tiger in the Tiger Pit.

Her short stories and novels have won several international awards and have been published in 10 languages. In May this year UQ awarded her an honorary Doctorate of Letters.

Kathryn Lomer, Extraction of Arrows ($22)
Kathryn Lomer has won several prestigious prizes for her poetry.

Her Josephine Ulrick prize winning entry Every Day Ophelia is included in this debut collection. Divided into three parts, the poems represent a journey beginning with travelling days in Ireland and Spain with glances back to childhood in Tasmania.

Through the fragile humanity of the collection comes a connectedness pointing the direction home.
Research workshop

The Chief Scientist of Australia, Dr Robin Batterham, addressed 46 UQ postgraduates at the inaugural UniQuest/Australian Institute for Commercialisation PhD student research commercialisation workshop in August.

During the two-day workshop, opened by Senior Deputy Vice-Chancellor Professor Paul Greenfield, participants learnt about the fundamentals of research commercialisation and had the opportunity to network with other postgraduates and research commercialisation professionals.
School of Biomedical Sciences, Cellular diversity revealed by neuro-transmitter and receptor activation in retina and cortex, Michael Kallionia, University of Auckland (1pm, Room 305, Skerman Bldg).

UQ Business School, Is talk cheap?: the determinants of management earnings forecasts, their specificity and supporting disclosures, Dr Jeff Coulston, University of New South Wales (10.30am, Room 106, Colin Clark Bldg).

Wednesday, October 1

Australasian Centre on Ageing, Ming the money: family involvement in older people’s assets, Dr Cheryl Tilse, Associate Professor Jill Wilson and Dr Deborah Setterlund (7.30am, Royal on the Park, cnr Alice and Albert sts). Details: 07 3346 9084.

Friday, October 3

Institute for Molecular Bioscience, N-glycosylation processing role of aminopeptidases and transferases, Professor Ralph Bradshaw (noon, Clark Bldg).

Garrett (6pm, Room 460, Zelman Cowen Bldg).

Professor Ralph Bradshaw (noon, Clark Bldg).

Wales (10.30am, Room 106, Colin Cowen Bldg).

Supporting disclosures earning forecasts, their specificity and the determinants of management earnings forecasts, their specificity and supporting disclosures, Dr Jeff Coulston, University of New South Wales (10.30am, Room 106, Colin Clark Bldg).

Wales (10.30am, Room 106, Colin Cowen Bldg).

School of Life Sciences, The bio-economics of tiger conservation: linking predator-prey interactions to poaching incentives, Dr Richard Damania, University of Adelaide (1pm, Room 388, Goddard Bldg).

Institute for Molecular Bioscience, The evolution of the a-activities and their role in human skeletal muscle performance, Professor Kathryn North, Westmead Clinical School, Sydney, (noon, auditorium, level 3, Queensland Bioscience Precinct).

School of Social Science, Forensic profiling and mass disease screening of ancient human remains, Ken Dusza (2pm, Room 816, Michie Bldg).

Monday, October 20

School of Music, Intermediate cellists – Australian classical music – motivation through repertoire, Anne Berry and Micro-intonation and the viola, Linda Garrett (6pm, Room 460, Zelman Cowen Bldg).

Monday, October 23

Centre for Critical and Cultural Studies, What is the point of a history of sexuality?, Professor Peter Cryle (5.30pm, fryer, UQ Centre).

School of History, Philosophy, Religion and Classics, Placing race and localising whiteness and inaugural meeting of the Australian Race and Whiteness Studies Association (Adelaide). Details: jane.haggis@flinders.edu.au

Thursday, October 27–Wednesday, October 29

UQ Business School, Financial modelling, Mark Tanner (9am–5pm, CBD). Details: www.bel.uq.edu.au/eed

PRIZES


The General Staff Self Development Prize 2003: for a general UQ staff member with a period of service totalling at least three years who has demonstrated the most outstanding achievement in self-development (academic or non-academic). Worth: $150. Closing: September 30. Information: 07 3365 1848.

School of Biomedical Sciences, Sodium reabsorption and albumin uptake in the proximal tubule, Dr Phil Poronnik (1pm, Room 305, Skerman Bldg).

School of Political Science and International Studies, Rural governance in Australia: the state, the community and the active citizen, Dr Lynda Herbert-Cheshire, Professor Geoff Lawrence (3pm, Room 537, General Purpose North 3 Bldg).

School of History, Philosophy, Religion and Classics, the ‘contenance angloise’: the works of W. H. Davies, Dr Jeff Coulston (Room 460, Zelman Cowen Bldg).

Workshops

■ Monday, September 22–Thursday, September 25

School of Law, International commercial arbitration law, Professor Joe Daly (9am–5pm, St Lucia campus). Details: www.bel.uq.edu.au/eed

Friday, September 19–Saturday, September 20

School of Education, external relations in education, Dr Stephen Holmes (Room 208, General Purpose North Bldg). Details: 07 3365 7343.

Monday, September 29 –Thursday, October 2

School of Law, Shipping law, Dr Michael White (9am–5pm, St Lucia campus). Details: www.bel.uq.edu.au/eed

Wednesday, October 1

Australian Studies Centre (co-organisers), Placing race and localising whiteness and inaugural meeting of the Australian Race and Whiteness Studies Association (Adelaide). Details: jane.haggis@flinders.edu.au

Monday, October 20

School of Music, Intermediate cellists – Australian classical music – motivation through repertoire, Anne Berry and Micro-intonation and the viola, Linda Garrett (6pm, Room 460, Zelman Cowen Bldg).

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Friday, October 27–Wednesday, October 29

UQ Business School, Financial modelling, Mark Tanner (9am–5pm, CBD). Details: www.bel.uq.edu.au/eed

School of Business, Two great romantics: music of charm and passion, Spiros Rantos (violin), Gwyn Roberts (cello), Paul Dean (clarinet) and Brachi Tilles (piano) (12.30pm, Nickson Room, Customs House, 399 Queen St). Details: www.bel.uq.edu.au/eed

Thursday, October 23

School of Music, lunchtime concert, Felicitas Weyer and Almut Seebeck (voice and piano) (12.30pm, Nickson Room, Customs House, 399 Queen St). Details: www.bel.uq.edu.au/eed

Saturday, September 27

School of Music, masters recital, Rebecca Seymour (violin) with Dan Curro and Brachi Tilles (12.30pm, Nickson Room, Zelman Cowen Bldg).

School of Music, wind quintet (11.30am, The Long Room, Customs House).

School of Music, lunchtime concert (12.30pm, Nickson Room, Zelman Cowen Bldg).

School of Music, Twilight concert, Craig Dean (oboe), Karen Loundsdale (flute) and Alland Leigh (piano) (6pm, The Long Room, Customs House).

School of Music, lunchtime concert, Nathan Sinclair (guitar) (12.30pm, Nickson Room, Zelman Cowen Bldg).

School of Music, Dinner concert, Ogden-Tanner duo (7pm, The Long Room, Customs House). Bookings: 07 3365 1899.

School of Music, lunchtime concert, Christy Morgan (violin) (12.30pm, Nickson Room, Zelman Cowen Bldg).

School of Music, Sleath string performance prize (7pm, Nickson Room, Zelman Cowen Bldg).

School of Music, chamber music (11.30am, The Long Room, Customs House).

School of Music, lunchtime concert, Felicitas Weyer and Almut Seebeck (voice and piano) (12.30pm, Nickson Room, Customs House, 399 Queen St). Details: www.bel.uq.edu.au/eed

School of Music, Choral concert: the University sings!, University Chorale and Concessus (7.30pm, The Long Room, Customs House).

School of Music, lunchtime concert, Felicitas Weyer and Almut Seebeck (voice and piano) (12.30pm, Nickson Room, Customs House, 399 Queen St). Details: www.bel.uq.edu.au/eed

School of Music, masters recital, Rebecca Seymour (violin) with Dan Curro and Brachi Tilles (12.30pm, Nickson Room, Zelman Cowen Bldg).

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School of Music, Sleath string performance prize (7pm, Nickson Room, Zelman Cowen Bldg).

School of Music, chamber music (11.30am, The Long Room, Customs House).

School of Music, lunchtime concert, Felicitas Weyer and Almut Seebeck (voice and piano) (12.30pm, Nickson Room, Customs House, 399 Queen St). Details: www.bel.uq.edu.au/eed

School of Music, Choral concert: the University sings!, University Chorale and Concessus (7.30pm, The Long Room, Customs House).
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