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MESSAGE FROM THE VICE-CHANCELLOR

UQ Ipswich is a vibrant and growing campus in a city that’s on the move.

This message was underlined by Ipswich Mayor Paul Pisasle and Ipswich City Council Chief Executive Officer Jamie Quinn at an informative briefing at the St Lucia campus last month.

Ipswich is set to experience major population growth and economic development in the coming 25 years, which augurs well for the city and presents strategic opportunities for UQ Ipswich.

The campus aims to double its student numbers in the next five years and the Commonwealth Government’s recent announcement of extra places for the University was most welcome. One hundred of these extra places will be allocated from 2005 to the new nursing program at UQ Ipswich, which began this year with 60 students.

This accelerated degree program will help address the nationwide nursing shortage as graduates can enter their profession six months earlier than is usually the case.

The nursing program is one of the strengths of UQ Ipswich. Another is community engagement, and the Community Service and Research Centre which is known as the “Boilerhouse”, has made a solid contribution to the local community and will continue to expand its innovative work.

We will continue to offer a range of programs that can be studied only at UQ Ipswich. More students and course offerings, of course, will require extra space and a significant building program is in the planning stages.

Finally, congratulations to Professor Alan Rix who has taken up his appointment as the first Pro Vice-Chancellor of the UQ Ipswich campus, and thanks to Professor Trevor Grigg, Deputy Vice-Chancellor (International and Development) whose outstanding leadership helped steer the campus to great success in its first five years.

Professor John Hay, AC

Cover photo: “Crocodile Hunter” Steve Irwin at Australia Zoo
New head for Ipswich

An eminent academic with a proven record of strong leadership has been appointed to guide the development and growth of the Ipswich campus.

University Vice-Chancellor, Professor John Hay, AC, has announced Professor Alan Rix’s appointment as Pro Vice-Chancellor of the Ipswich campus.

“Professor Rix, currently the Executive Dean of UQ’s Faculty of Arts, has a long association with UQ and has made a significant contribution to the development and life of the University over the past 19 years,” Professor Hay said.

“He has a demonstrated commitment to excellence in teaching and research and working with the wider community and will, I am sure, continue and enhance the outstanding work that is already the hallmark of the Ipswich campus.”

Professor Rix, who will work from UQ Ipswich, took up the appointment on September 1.

The Professor’s association with UQ began in 1985, when he accepted a position as Professor of Japanese Studies. He became head of the Department of Japanese and Chinese Studies in 1986, was Pro Vice-Chancellor for External Affairs from 1994, and was appointed Executive Dean of the Faculty of Arts in 1997. Throughout his time as Executive Dean, Professor Rix has focused on excellence in teaching and research, and engagement with the Faculty’s community relations.

His achievements include building the research and commercialisation activities of the Faculty, establishing new research centres, and overseeing the development of the acclaimed James and Mary Emelia Mayne Centre at the St Lucia campus.

“I was attracted to the Pro Vice-Chancellor’s position by the challenge of guiding the Ipswich campus as it develops rapidly over the coming years,” Professor Rix said.

“I want to build on the strengths that Ipswich already has developed, including its focus on community engagement, offering unique degree courses and its connections with local schools and other education providers.”

“My priorities include doubling the number of students in the next five years, continuing the capital development program, and building the research and research training profile of the campus.

“It’s tremendously exciting to be involved with a community that is experiencing rapid growth and change, economically and socially.”

Professor Hay also paid tribute to Professor Trevor Grigg, Deputy Vice-Chancellor (International and Development), who has overseen the development of the Ipswich campus to date.

“Professor Grigg’s commitment has ensured that UQ Ipswich has already set high standards in teaching, learning and research, as well as becoming an important contributor to the Ipswich community,” Professor Hay said.

UQ has boosted its nursing student intake by almost 150 percent by offering an additional 100 places for 2005.

UQ’s Senior Deputy Vice-Chancellor, Professor Paul Greenfield, said nursing was a priority area for the University, with the increase following the distribution of places by the Federal Department of Education, Science and Training in early July.

“The additional intake recognises the critical importance of nursing, both as a program within the Health Sciences Faculty’s comprehensive range of disciplines, and as a profession requiring a significant boost in numbers,” Professor Greenfield said.

“Nursing is also a key component of our proposed strategy for UQ Ipswich.”

UQ’s nursing program, with 60 students in its inaugural year (2004), was hailed as “futuristic” by 2002 National Nursing Review Chair, Patricia Heath, for its clinical focus and attention to industry requirements.

UQ Ipswich hosts academic teaching for the nursing program directed by Professor of Nursing Elizabeth Davies, with Associate Professor Heather Beattie as deputy.

The program gives graduates the option of entering the workforce after two-and-a-half years’ education (six semesters) – six months earlier than most undergraduate courses.

Professor Davies said the program had been developed in collaboration with key healthcare providers, particularly Queensland Health.

“Unlike other nursing programs, we are able to access existing University clinical and teaching infrastructure,” Professor Davies said.

“Through this clinical schools model, students are educated by practising professionals with academic qualifications.

“A significant component of their teaching and learning occurs at their nominated teaching hospitals with clinical lecturer and registered nurse mentors.

“This infrastructure underlies the Faculty’s visionary approach towards educating health professionals.”

I want to build on the strengths that Ipswich already has developed, including its focus on community engagement.

Professor Rix
Debate starts show at Ekka

The University’s long-standing involvement in the Ekka opened with an important public debate.

This year’s Royal Queensland Exhibition (Ekka) opened with a vigorous debate on one of the most controversial issues for both the bush and the city.

UQ’s inaugural Great Ekka Debate was held at the AgForce Meating Centre at the RNA show-grounds on August 4, with two expert teams examining the case for and against the recent ban on tree-clearing in Queensland.

ABC Landline executive producer Kerry Lonergan moderated the teams, which included high profile scientists Dr Bill Burrows and Dr Jennifer Marohasy, conservationists Dr Barry Traill, Felicity Wishart and Sarah Moles, and well-known central Queensland beef producer Wally Peart.

Debate Coordinator, Associate Professor Max Shelton from UQ’s School of Land and Food Sciences, said the debate was aimed at presenting all sides of the complex issue for the public benefit.

“There are all sorts of environmental, economic and social considerations when deciding how our natural resources should be managed,” Dr Shelton said.

“It’s no easy decision weighing up the need to conserve our environment with the demands of the world’s growing population and the need to ensure that our rural communities are economically, environmentally and socially viable.”

Both teams performed well, however, it was left to the 230-plus audience and watching media to decide their own winner.

The success of the event has ensured planning is already underway for the 2005 Great Ekka Debate.

UQ’s Animal Nursery, which was sponsored by Golden Circle, was another well-attended feature at the Ekka, attracting young and old.

Nursery coordinator and senior lecturer at the School of Animal Studies, Dr Mark Hohenhaus, said miniature animals were the theme at this year’s show.

“The smaller animals appeal to the children,” he said.

“This year we had quail chickens that were not much bigger than a 50 cent piece, a Lowline calf, miniature horses and miniature Fox Terrier pups.”

The nursery also housed the usual favourites including lambs, kids, piglets, chickens, ducklings and goslings.

Sixteen first-year certificate students studying animal husbandry, agriculture and horticulture at UQ Gatton lived and worked at the Ekka.

Dr Hohenhaus said working in the nursery had benefited the students.

“The students get to care for a range of animals they may not have cared for before,” he said.

“It is a real learning experience for them.

“It is also the interaction with the public – learning to answer questions about the animals helps their communication skills.”

National lead in ARC Linkages

The University has topped the nation in the latest round of the Australian Research Council’s (ARC) Linkage International Fellowships and Awards.

Out of the $2.7 million awarded in total nationally, UQ researchers received more than $380,000 for two fellowships and four awards.

ARC International Fellowships attract outstanding postdoctoral, research or senior research fellows to Australian universities for work on innovative projects.

Professor Max Lu, a UQ Federation Fellow and leading nanotechnology researcher, will host Dr Chengzhong Yu, Associate Professor with the Department of Chemistry, Fudan University in Shanghai, to develop bioactive glass for repairing bones.

Dr Jian-xin Zhao, a QEII Fellow with the Advanced Centre for Queensland University Isotope Research Excellence, will host Dr Ke-fu Yu, from the Coral Reef and Mangrove Research Group, South China Sea Institute of Oceanology, to see what can be learned from ancient coral reefs in the South China Sea and applied to the Great Barrier Reef.

ARC Linkage International Awards went to:

* Dr Stephen Bartlett (School of Physical Sciences) for work with Canadian researchers into communication and cryptographic protocols through using quantum information;
* Associate Professor Diane Donovan (School of Physical Sciences) for work with researchers from the Czech Republic and the USA investigating the application of computation theory in biotechnology and information security;
* Professor Ross McKenzie (School of Physical Sciences) for work with researchers from Denmark, UK and USA investigating the application of computation theory in biotechnology and information security;
* Dr Jin Zou (School of Physical Sciences) for work with researchers from China on quantum dots, with potential applications in electronic and optoelectronic devices.
UQ's Olympic hopes, and a little of its expertise, was riding with the Australian equestrian team as they saddled up for a record-extending fourth consecutive Olympic gold medal.

Leading animal physiotherapist and UQ lecturer Narelle Stubbs was farewelled by staff and students at the Gatton Campus before departing to take up responsibilities as the Australian equestrian team's physiotherapist.

Ms Stubbs played a key role in keeping the team's horses and riders performing at their very best throughout the gruelling three-day team eventing and individual show-jumping and dressage competitions.

"My job is focused on injury prevention, the treatment of any injuries that do occur and performance enhancement," Ms Stubbs said.

"At this elite level of competition, half a point could be all the difference between a gold or silver medal, a medal or no medal, so it's critical to ensure the team is fit and not impeded by any aches, pains or injuries."

Ms Stubbs has been the equestrian team's physiotherapist since 1998, having served in two World Equestrian Games in Rome in 1998 and Yerez, Spain in 2002. The Athens Olympics was her second after Sydney in 2000.

Ms Stubbs operates her own animal physiotherapy clinic and is completing a ground-breaking PhD on back pain in horses.

"Using physiotherapy to treat animals is no different to using it to treat people. The physiotherapist works very closely with the doctor or in the case of animals, the vet, to assist the body's recovery and extract peak performance," Ms Stubbs said.

He graduated from UQ in 1995 and has been helping Australia's triathletes for the past four years.

Both physiotherapists agreed working at the Olympics would probably be the pinnacle of their professional careers.

"There's no greater honour I guess than to work with the Australian team," Mr Alexander said.

Other UQ representatives at the Athens Olympics included rower Shaun Coulton who was a member of the Australian men's quadruple sculls crew.

The team, which took gold at the international World Cup earlier in the year, made the semi-finals in Athens and took gold in the B final.

Riding into the record books

PHOTO: Lyle Radford
ET on tail of crocs

A heavenly view of crocodiles is challenging earthly beliefs.

A world-first project involving the satellite-tracking of large estuarine crocodiles has taken a bite out of traditional myths surrounding their behaviour.

Environment Minister John Mickel and “Crocodile Hunter” Steve Irwin, unveiled the findings of the Crocs in Space research project at Australia Zoo on August 4.

The results of the project are helping change management and conservation practices in Queensland.

“The partnership involving the Queensland Parks and Wildlife Service (QPWS), Australia Zoo and The University of Queensland has uncovered new facts about how crocodiles use their habitat,” Mr Mickel said.

“Until the research began, little was known about the movement patterns of crocodiles.

“After 10 months of research we have a greater understanding of how large estuarine crocodiles, which are the most likely to interact with people, behave in different habitats and how far they travel and this has implications for management.”

The research team comprises QPWS researcher and UQ graduate Dr Mark Read, Steve Irwin and Paul O’Callaghan from Australia Zoo, and Professor Gordon Grigg and Associate Professor Craig Franklin from UQ’s School of Life Sciences.

Mr Mickel said Australia Zoo’s contribution had transformed a small but meaningful study into a major research project of worldwide significance.

Results from the project showed the satellite transmissions were overlapping, indicating that large estuarine crocodiles appeared to be far more tolerant of other large males than previously thought.

The findings have implications for management and conservation, particularly near urban areas.

Prior to this research, it was believed one large male controlled one section of river, excluding all other males from that territory.

Australia Zoo joined the project in December 2002 when Mr Irwin signed a Memorandum of Understanding with the Environmental Protection Agency.

“Who would’ve ever thought we’d be tracking crocodiles, some of the world’s most ancient predators, in the remote rivers of far north Queensland from a satellite way out in space,” Mr Irwin said.

“These prehistoric reptiles have lived a secret life for millions of years and this partnership with the Queensland Government has blown the mysteries out of the water.”

Crocs in Space was the first project to use satellite telemetry as a tool to track the movement patterns of estuarine crocodiles.

It involved monitoring six large estuarine crocodiles in the Endeavour and Nesbit Rivers in far north Queensland with scope to track another nine crocodiles before the project finishes in 2005.

Professor Franklin said the success of the current collaboration was paving the way for further research.

“We know very little about the diving feats of the estuarine crocodile, especially the big ones,” he said.

“There are some exciting discoveries waiting to be made that are now becoming possible given the talents and expertise of the assembled team.”

From left: Professor Grigg, Dr Franklin, Mr Mickel and Dr Read with the tracking device

Mr Irwin during his show

Research focus of big week

UQ will recognise outstanding research achievements during Research Week 2004 which runs from September 20–24.

The event is designed to raise awareness of UQ research among the University community, the general public, industry, government and the media.

Highlights of the week include a public forum on research commercialisation and the annual UQ Foundation Research Excellence Awards on September 23.

Deputy Vice-Chancellor (Research) Professor David Siddle said he encouraged students, staff and the wider community to attend events, including the public forum to be held on Monday, September 20, from 12.30-2pm in the Queensland Bioscience Precinct Auditorium, at the St Lucia campus.

The forum, to be moderated by ABC Radio National’s Sandy McCutcheon, will examine the topic, Universities have a responsibility to commercialise their research: academics as entrepreneurs.

“The issue of commercialisation has become a hot topic in the media and the higher education sector and it will be interesting to explore the issues with a leading broadcaster and an expert panel from UQ,” Professor Siddle said.

Members of the panel are Professor Peter Gray, Australian Institute for Bioengineering and Nanotechnology; Dr Melissa Little, Institute for Molecular Bioscience; and Professor Peter Cyle, Centre for History of European Discourses.

Details: www.uq.edu.au/research/researchweek2004. RSVP for forum is essential (anna.roberts@uq.edu.au or 07 3365 3159).
Top post for Vice-Chancellor

UQ Vice-Chancellor Professor John Hay, AC, has been appointed Chair of the Board of The Carrick Institute for Learning and Teaching in Higher Education.

Federal Minister for Employment, Education and Training Dr Brendan Nelson has announced the formation of the Institute, part of the Government’s Our Universities: Backing Australia’s Future initiative.

The Government will provide the Melbourne-based Institute, named after former Federal Education Minister Sir John Carrick, with $22 million a year from 2006.

Dr Nelson welcomed the appointment of Professor Hay, also the Chair of the Australian Universities Teaching Committee (AUTC), to the important position of Board Chair.

The AUTC has overseen the early development of the Institute through a report in consultation with stakeholders, which included recommendations on its establishment and advice on its mission statement, objectives and structure.

“Professor Hay has demonstrated a high level of commitment to the promotion and advancement of teaching and learning in Australian higher education,” Dr Nelson said.

Dr Nelson said one of the early tasks of the newly appointed Board would be to appoint an Executive Director to manage the Institute.

Professor Lesley Parker, who was until recently Senior Deputy Vice-Chancellor at Curtin University of Technology has been appointed Planning Director while UQ’s Deputy Vice-Chancellor (Academic) Professor Margaret Gardner has been appointed to the Board.

Dr Nelson said the responsibilities of the Institute would include developing mechanisms for the dissemination of good practice, and professional development in learning and teaching, and managing a competitive grants scheme for innovation in learning and teaching.

Language of acceptance

Two dogs, one goanna and a student: how Greg Dickson swapped the library for a swag and a hard classroom floor to record Aboriginal stories.

Linguistics student Greg Dickson says he would work anywhere – in an office, a park, in someone’s front yard or at a nearby billabong.

This is how you learn and help revive an endangered language in the Northern Territory, according to Mr Dickson.

For two months’ he lived in an Aboriginal community, recording, translating and printing some of the Dreaming stories of the Alawa people.

He lived in Hodgson Downs – a dusty, remote settlement 600km south east of Darwin – researching his honours degree.

“I wanted to learn about an Aboriginal language but I didn’t feel comfortable with sitting in the library for nine months only reading books and not actually being in contact with the people the language belongs to,” Mr Dickson said.

After the local council approved his study tour, he caught a lift with another linguist to Hodgson Downs.

Slowly, Mr Dickson became part of the community made up of about 500 people, two shops, a school, office, clinic and homes.

“I was an outsider and they were all family,” he said.

“It will always take a little while to break through that. It wasn’t negative – it just took time.”

To understand their history and record their stories, he spoke with a range of elders but learned most from traditional owner Naomi Wilfred and her mother Cleo.

“She (Naomi) has been helping me translate the Dreaming story we are working on and has taught me a lot of things about life here at Hodgson Downs,” Mr Dickson said.

Naomi and Cleo helped him record the Alawa Dreaming story about a goanna.

“It tells the story of where the goanna travelled, and about two Dreaming dogs who killed it and fed it to an old blind man,” he said.

“It also tells the story of roasting kangaroo in the traditional way.

“Dreaming stories are closely tied to ceremony, family and culture... it’s the history of Alawa people.”

Mr Dickson helped translate the story into a 46-page illustrated book called Stori brom det dubala dog, Ngalima en Ngabalarr – story of the two dogs, Ngalima and Ngabilara.

“People here at Hodgson Downs see the book as a record of their history and they are keen to use it at home and school to teach younger generations the story,” he said.

When he wasn’t talking to elders about family, friends, culture or history, Mr Dickson was fishing, swimming or sampling bush Tucker.

“I’ve eaten lots of catfish and bream – plus yarlbun (lilyseed), lily stem, lily root, sugarbag (bush honey), turtle, some fruits and bush gum too,” he said.

The 26-year-old from Carseldine slept in a swag on a classroom floor because there was a shortage of accommodation.

“To an outsider, Hodgson Downs is very remote, only accessible by dirt roads and cut off for months at a time during the wet season,” he said.

“But of course to the people there it’s not remote, it’s home.

“And for me, once I got to know people a bit I didn’t feel isolated at all – the opposite actually. I had the biggest mob of new relations to get to know.”

Mr Dickson said working with the Alawa people was important because he was learning in their cultural context.

“I am not here to learn about the language in isolation,” he said.

“I am here to get to know the people, how the families are connected, the country and the culture too.”

Mr Dickson helped re-establish Alawa language classes at school and also helped another researcher compile a learner’s guide to encourage youth to relearn the language.

His thesis is roughly titled: Jidanabat gwewei en lernimbat kaljiya en langgus garri ola Ajandan mob, which is Kriol for Sitting down properly and learning culture and language with everyone at Hodgson Downs.
Rush returns home

by Miguel Holland

The University’s Oscar-winning graduate returned to his acting roots to open part of the refurbished Schonell Theatre.

Geoffrey Rush has opened a foyer in his honour at UQ’s Cement Box Theatre – the place where he spent his student days making racy political statements and performing nude.

The Oscar and Golden Globe winner has starred in several blockbuster movies including Shakespeare in Love, Finding Nemo, Shine and Pirates of the Caribbean.

Mr Rush was in Brisbane to receive the Chauvel Award, the major prize at the Brisbane International Film Festival, and to promote his latest movie, The Life and Death of Peter Sellers.

As a Bachelor of Arts student 30 years ago, he said it was an exciting time, opening UQ’s Schonell Theatre when the Brisbane theatrical scene was evolving.

“My flat out remembering how I had time to study because I spent a huge section of each year involved in rehearsing and creating these pieces,” Mr Rush said.

“The Schonell Theatre was built so that provided a whole new set of physical values we had to try and match.

“We opened the Schonell with a massive production. I mean it had film projections, something like a 20-piece orchestra in the pit.”

That production, Bacchoi, grabbed front-page headlines for its nudity. Mr Rush would perform nude again in 1971 in I Hear What You Say.

The revue was named after a catchphrase from the then Vice-Chancellor Sir Zelman Cowen.

“I did one sketch where I used to go on and say: ‘This is a student revue. You’re undoubtedly expecting a nude scene,’ and just took my gear off and walked off,” he said.

It was this production that impressed Queensland Theatre Company’s founding artistic director Alan Edwards.

“Alan Edwards saw me in that production and then invited me into the Queensland Theatre Company,” he said.

“As soon as I finished my exams I went straight into a professional life. And I liked to think he thought I had a big future in front of me.”

Mr Rush, who received an honorary doctorate in 1997 and was Alumnus of the Year in 1998, thanked former lecturer Dr Bob Jordan for his love of drama.

“He just invested a great passion for the history of drama from late 19th Century up until a bit of a boom time really,” he said.

Schonell Theatre manager Desley Agnoletto said Mr Rush unveiled a plaque before sharing with about 80 people how important and exciting his student days were.

Speaking for about 15 minutes, he said he knew he was famous when he saw his name on a Fantales wrapper.

The Geoffrey Rush Foyer, under the Schonell Theatre is part of a $6 million facelift.

The foyer has been revamped with a polished concrete floor, $15,000 worth of new furniture including lounges and bar tables and repainted walls.
in brief

Awards ingrained

UQ academics have won two awards at the AgForce Queensland-AWB Ltd 2004 Innovation in Grains Awards.

Nicholas Woods, Director of the Centre for Pesticide Application and Safety, won the Rabobank Environment Award while the Agribusiness Price Risk Management Course developed by Associate Professor Tony Dunne, Dr Kim Bryceson and Dr Geoff Slaughter received the Education Award.

Mr Woods led development of the internationally regarded CPAS and played a major role in improving pesticide application to reduce environmental impact.

Eureka prize

Plantic Technologies Ltd has won the Australian Museum Eureka Prize for Industry for a special plastic packaging that can be dissolved after use.

The technology, which was developed by scientists from UQ, Swinburne University of Technology and CSIRO, can be digested by worms and bacteria and converted into nothing but water and carbon dioxide when left in compost heaps.

Plantic Technologies Ltd was formed in 2002 to seek venture capital and secured investment worth $1.5 million to commercialise the technology.

Staff prize winner

The winner of the 2004 General Staff Association Self Development Prize is research assistant Genevieve Healy who is based at UQ’s Perinatal Research Centre.

UQ Chancellor Sir Llew Edwards, AC, will present Ms Healy with her $150 prize this month, in recognition of her outstanding work in perinatal research and her various sporting achievements.

The prize was established in 1993 and is maintained by income from funds donated to the Chancellor’s Fund Appeal.

Mission to stop a killer

The discovery of an inhibiting protein could be a major step towards reducing mortalities from head and neck cancers.

A UQ researcher has been awarded $850,000 by one of Australia’s largest private charitable medical foundations to develop ways to inhibit head and neck cancers, the fifth most common cancers worldwide.

The Garnett Passe and Rodney Williams Memorial Foundation has awarded a fellowship to Associate Professor Nick Saunders, from UQ’s Faculty of Health Sciences and principal research fellow at the University’s Centre for Immunology and Cancer Research at Princess Alexandra Hospital.

Dr Saunders said squamous cell carcinomas were the most common type of head and neck cancers, comprising about 80 percent.

Dr Saunders said the cancers were associated with a high mortality rate and a five-year survival rate of approximately only 60 percent.

“In addition, these tumours are also associated with a high annual recurrence rate,” he said.

“Current therapies for head and neck cancers include surgery, radiation therapy and chemotherapy. However, because of the high mortality rate associated with the traditional therapies there’s an obvious need for safer and more specific therapies to reduce the mortality.”

Dr Saunders’ research group has recently shown in laboratory experiments that inhibiting a protein known as E2F can also inhibit cancer cell growth and reverse the cancer process.

The data suggests E2F may be the Achilles heel of the cancer cells.

Dr Saunders said since E2F was needed for cancer cell growth and was found abundantly in squamous cell carcinomas in patients, the development of inhibitors of E2F was a logical approach to treat this disease.

“I am most grateful for the Fellowship awarded by the Garnett Passe and Rodney Williams Memorial Foundation,” he said.

“This will allow us to conduct proof-of-principle experiments in animal models and human patients. We also are examining methods of treatment delivery – whether gene-based therapy or drugs, but these advances could be five to 10 years away.”

“Progress towards these goals has been greatly expedited by our close collaboration with Professor Bill Coman, UQ’s Garnett Passe and Rodney Williams Memorial Professor of Otolaryngology and Chair of Princess Alexandra Hospital’s Ear Nose and Throat Department.”

There are also close ties with the Princess Alexandra Hospital Head and Neck Cancer Unit, one of the largest in the southern hemisphere.

Professor Coman, from UQ’s Faculty of Health Sciences, is involved in a number of important research studies, in collaboration with QIMR and Griffith University.

He has been strongly supported by the Garnett Passe and Rodney Williams Memorial Foundation, dedicated to the advancement of otolaryngology, a field of medicine concerned with diseases and disorders of the ear, nose, throat and related structures of the head and neck.

“We are obviously concerned with patients surviving their cancer but also with maintaining their quality of life by improving functional outcomes such as breathing, swallowing, talking, communicating, smelling and tasting food” Professor Coman said.

“Our functional outcomes and survival rates are comparable with the best in the world. We are always looking for better and simpler ways of treating cancer. With more research we hope to identify high-risk tumours earlier to reduce morbidity and mortality of people with head and neck cancer.”

“We are always looking for better and simpler ways of treating cancer.”
Motoring to a top 20 finish

Spinouts, an oil leak and a cracked engine could not stop the University’s motor racing team in its first overseas race.

UQ Racing returned home from its international race debut in England with a top 20 finish.

Despite mechanical problems the team finished 18th out of 54 teams at the English Formula Student competition in July.

The team had been in third place until the endurance race when the car was black-flagged for leaking oil on a marshal’s foot in the pits.

The students designed, built and raced their own car which was judged.

A team of six engineers – Mark Fenning, Frank Evans, Nick Myers, Tania Rautenbach and Michael Atherden – flew to England to race.

Team manager Mr Atherden said the team’s best performance was winning the acceleration stage over 75 metres.

He said the team lost points for several spinouts but it was a cracked engine, pointed out by a colleague from the University of Toronto, that tested them.

The engine was quickly welded and fixed but an over-tightened zip-tie the next day caused an oil leak that cost them 350 points and kept the team out of the winners’ circle.

“Had we finished that event, we would have been third,” Mr Atherden said.

He said UQ’s final placing was disappointing but a learning experience.

“It was a little bit disheartening,” Mr Atherden said.

“Still, we learned heaps and we got lots of good feedback on the car and that’s what it’s really all about.”

A team from the Royal Melbourne Institute of Technology University won the competition.

The UQ team will display the car at the Gold Coast Indy in October.

Their next Australian race will be at the University of Victoria in December.

A UQ team finished third in the inaugural Universitas 21 (U21) business plan competition held in Singapore.

The undergraduate and MBA students competed against teams from 14 leading international universities.

The competition was the finale of the U21 Global Technology Entrepreneurship Summer School and Symposium, hosted by the National University of Singapore.

The competition called on students to demonstrate their commercialisation skills.

The UQ team was chosen by the University’s main commercialisation company, UniQuest, and the UQ Business School.

U21 Chair and UQ Vice Chancellor, Professor John Hay, AC, said he was delighted with the team’s success in the competition.

“Congratulations to the team in presenting a business plan highly appropriate for patented outcomes.”

The final team comprised four UQ students studying for degrees in biotechnology, genetics and business.

Their business plan was written for a real-life UQ innovation – a patented novel drug for pain treatment, which is being commercialised by UniQuest.

The team was headed by the youngest mentor at the event, 23-year-old Douglas Bugden.

The business plan competition was won by a team from the University of Auckland, while second place was awarded to the University of Virginia.

UniQuest Managing Director, David Henderson said it was essential university students understood the commercialisation process.

“Intellectual property is a valuable resource that many students fail to capture, so by educating our students we ensure they can realise the potential value of their research from the outset,” Mr Henderson said.

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The UQ Business School has become the first Australian business school to achieve dual accreditation from EQUIS and AACSB International – the world’s pre-eminent business school accrediting bodies.

The school joins the ranks of institutions including the London Business School, INSEAD, Warwick Business School, Rotterdam School of Management, University of Washington, Asian Institute of Management, as holders of dual full accreditation.

Prior to the EQUIS award, the UQ Business School was the first comprehensive business school in Australia to be awarded full AACSB International (Association To Advance Collegiate Schools of Business) accreditation.

Accreditation success

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Team gets down to business

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The UQ team was chosen by the University’s main commercialisation company, UniQuest, and the UQ Business School.

U21 Chair and UQ Vice Chancellor, Professor John Hay, AC, said he was delighted with the team’s success in the competition.

“This is an outstanding result for our UQ team and one which confirms the University’s strong commitment to promoting excellence in business and innovation,” Professor Hay said.

“Congratulations to the team in interpreting and demonstrating skills in commercialisation and for presenting a business plan highly appropriate for patented outcomes.”

The final team comprised four UQ students studying for degrees in biotechnology, genetics and business.

Their business plan was written for a real-life UQ innovation – a patented novel drug for pain treatment, which is being commercialised by UniQuest.

The team was headed by the youngest mentor at the event, 23-year-old Douglas Bugden.

The business plan competition was won by a team from the University of Auckland, while second place was awarded to the University of Virginia.

UniQuest Managing Director, David Henderson said it was essential university students understood the commercialisation process.

“This outcome is consistent with the school’s approach to internationalisation by providing international opportunities to students and graduates demonstrated by the school’s AACSB and EQUIS accreditation,” he said.
Chop and burn may save rare melaleuca

Seasonal burning or limb lopping could help save an endangered melaleuca.

The rare melaleuca, *tamariscina subsp irbyana*, is a small leafed paper bark that only grows in 11 pockets across New South Wales and Queensland.

UQ botany honours student Helen Vickers said land-clearing and decreased habitat had shrunk the melaleuca population to less than 10 percent of its original footprint.

“There doesn’t seem to be any new young trees coming up and we don’t know why,” Ms Vickers said.

She said she believed the lack of fires or storms may have hindered their recovery and that the trees would release a lot more seeds within two days of a disturbance.

“We think it needs catastrophic disturbances to regrow and that’s what I’m looking at,” Ms Vickers said.

“If we leave it as it is, it’s going to die out. If we put a fire through then maybe it will keep going.”

She has been trapping tiny seeds every month at two sites near Ipswich and Logan.

“I count the number of seeds that I collect and then I try and germinate those seeds and so far, I’ve had a less than one percent germinate. So that means even if it does seed, the seeds that it is producing aren’t viable,” she said.

“Why would you waste the energy to produce all those seeds?”

She said her research would help form melaleuca conservation strategies and management plans such as seasonal lopping or burning.

Outback cicada discovery

Five potentially new species of cicadas have been uncovered in outback Queensland.

A dried specimen from the genus *Try ella* and several Cicadettini shells were found during a UQ outback ecology field trip to Idalia National Park, south-west of Blackall.

Cicadas are sap-sucking bugs that use their proboscis to feed and are known usually for their droning sounds.

Cicada expert and PhD student Lindsay Popple said it would take a long time to classify them because he would have to check museum records and needed to find more of the species and record their songs.

“It’s not unusual to find new species, especially in places like this where it’s fairly desolate and isolated.”

Mr Popple said.

“Only a few years ago one of the biggest cicadas was described and found in this area.”

The Idalia specimens were found in acacia species, known as mulga, brigalow and bendee.

Mr Popple is researching cicada acoustics and has spent much of his time recording and analysing cicada songs.

More to echidnas than muscle

From moving fridges to lifting car seats – echidnas are known to be muscly little mammals.

“Only a few years ago one of the biggest cicadas was described and found in this area.”

But there is more to echidnas than their strength.

UQ researchers are investigating how echidnas raise their body temperature after hibernation and how they cope living in extreme heat.

Echidnas can vary their body temperature between three and 35 degrees Celsius and PhD student Dave Ellis wants to find out what they do internally to heat up.

Mr Ellis believes a calcium pump produces heat.

Echidnas can’t sweat or pant but can’t they do that in the heat?” Mr Brice said.

Their heat tolerance is also boosted by insulation from spines, hair, fat and variable blood supply.

Mr Brice will measure and record a range of thermal biology measurements including the oxygen consumption of echidnas in artificial logs.

Both researchers are studying echidnas in Brisbane sourced from Idalia National Park.

Mr Ellis said he had read stories where an echidna had moved a fridge but he saw their strength firsthand when he rescued one from a road at Glen Innes in New South Wales.

He put the echidna under his car seat on the way to a vet, but it managed to lift him and his chair – even with a broken back.

UQ research has also revealed that echidnas hibernate and Zoology Professor Gordon Grigg has challenged conventional thinking that hibernation was a specialised skill invented by mammals to survive harsh winters.

“It’s become clear as a result of our work and other people working in Australia on marsupials that this is an exaggerated example of patterns which are much older, inherited from reptiles,” Professor Grigg said.
Rain, key to rare roos fightback

Australia's most endangered wallaby leads a lonely life until mating, when males will dig and drag their tails along the ground to “woo” their partner.

UQ research has shown that male bridled nailtail wallabies will stalk females for up to a week showing off the use of their hard-tipped tail, similar to a nail.

“I’ve seen males chasing after females with their tails in the ground instead of having the classic curved up shape,” UQ ecologist Dominique Sigg said.

“My interpretation is that the males compete for access to the females but they do not actually fight with each other directly like other macropods.

“It’s like a signalling to other males. I’ve been here and I’m really big and if I can hop really fast after this female and drag my nail in the ground, and not fall over myself, I’m stronger.”

Some researchers believed the nailtail was used to allow the wallabies to turn quickly.

Ms Sigg, who is finishing her PhD on the genetics and mating of the bridled nailtail through the School of Life Sciences, said the wallabies led a solitary life compared to their red and grey cousins who usually travelled in mobs.

“It’s a very highly structured population. They do not move very far and they breed rapidly,” she said.

“This is very unusual for a medium sized mammal.”

Ms Sigg has been researching the wallaby for about four years, helping transfer a population from Taunton National Park, west of Rockhampton, to Idalia National Park.

Several generations of captive bred wallabies have been released at Idalia since the first transfer in 1996.

Ms Sigg found the Idalia wallabies were yet to recover from the 2002 drought and the genetic diversity, which indicated a healthy population, was high at Taunton but had decreased at Idalia.

Good rain is the key to a nailtail recovery at Idalia and Ms Sigg will return to the National Park later in the year to check if their numbers have bounced back.

She estimated there were about 500 wallabies at Taunton and between 300 and 400 at Idalia.

Nailtail wallabies were once common from Charters Towers to the Murray River, but only a single wild colony remains at Taunton.

It was thought the wallaby was extinct until the 1970s when a fencing contractor spotted them again around Dingo.

The wallabies were named bridled nailtail because of the distinct white stripes across their shoulders, face and tail. They were also called the “waistcoat wallaby” because of their stripes, or the “organ grinder” wallaby, because of their dainty hops and outstretched arms.

“They’re pretty much the most endangered macropod we have in Australia,” Ms Sigg said.
UQ smart women lead the way

Some of UQ’s “leading ladies” scooped three of seven categories at Queensland’s Smart Women – Smart State awards.

Queensland Minister for Women Desley Boyle presented winners with $2500 and trophies at Parliament House in August.

The awards were introduced in 2003 to encourage women to pursue non-traditional career paths in science, engineering and information and communication technology. The UQ winners were:

Undergraduate student – Sara Tromp and Agatha Branczyk (joint winners)

Third year Bachelor of Science student Sara Tromp is part of scientific team studying the bacteria Wolbachia, which infects many insects and could be used for pest and disease control. The research could lead to efficient, affordable long-term control of human diseases such as malaria and Dengue fever.

Bachelor of Science student Agatha Branczyk was part of the HyShot team that claimed the world’s first flight test of supersonic combustion. She is researching quantum computing technology, holograms and laser spectroscopy.

Postgraduate student – Linda Cobiac (highly commended)

PhD student Linda Cobiac is working on a new method to help urban planners better assess the sustainability of storm water systems. She hopes to reduce waterway pollution, encourage re-use and recycling of storm water resources and develop community programs.

Women in the community – Louise Earnshaw

PhD student Louise Earnshaw has shown that rebellious streetkids and successful entrepreneurs share similar personality traits. She has developed training programs that will be introduced into schools and TAFE colleges.

Women in the public sector – Dr Anne L Symons

Associate Professor in dentistry Dr Symons has been involved in research, clinical teaching and clinical practice for more than 25 years. She is working on ways to promote healing and development of teeth and jaws that have been injured or deformed.

Student Enterprize

BioQ Devices Pty Ltd and TROPHTEC Pty Ltd are among nine landmark innovations set to battle it out for $100,000 in cash to commercialise their business concepts.

The UQ Business School’s Enterprize competition, a “passport to getting business ideas off the ground,” is designed to provide opportunities for entrepreneurs to further develop business plans.

Teams will compete for prize money to commercialise their business dreams.

Pitch Day 2004, scheduled for October 21, will see the culmination of the teams’ zealous business plan preparations when they pitch their business concepts to a judging panel of experienced venture capitalists and an audience of several hundred people.

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Just ask Ellena Papas who gained a Bachelor of Education (Secondary) via the graduate entry program. She believes that this degree gave her first-rate preparation for the teaching profession. Ellena said there was consistent high quality teaching – from her first student practicum to her final internship.

“The degree offers intensive work within a student’s chosen curricular fields and training in the latest computer technology. I also enjoyed discussions about deconstruction of social issues and the demystification of critical literacy,” said Ellena.

To learn more contact the School of Education, phone (07) 3365 6550, email info.education@uq.edu.au or visit www.uq.edu.au/education
A UQ academic has written what is believed to be the first survey of dress around the world.

In a new book entitled *Dress and Globalisation*, Associate Professor Margaret Maynard dispels the myth of a universal “world” attire.

“I started writing this book with the idea that everybody was dressing more and more like everyone else, and that a universal dress code was developing,” she said.

“However, the more I looked into it, the more I realised this was not the case.

“While western-style dress is widely adopted across cultures, in no part of the world do we see fully homogenised dressing for there is a powerful desire to express personal taste and local difference.

“This is because all societies are made up of various income levels, professions, religious beliefs and other affiliations.”

Dr Maynard said her book looked at the ways in which cultures and individuals interacted and engaged with each other at the level of appearance.

“What we find is shifting, often uneven, patterns of consumption expressed in the garments we wear, our hair, headwear and our beautification, all taking place as consumers come to terms with a new world order,” she said.

Dr Maynard, from UQ’s School of English, Media Studies and Art History, draws together issues of consumption, ethnicity, gender and the body in her study.

The book examines international-style dress including, jeans, business suits, headwear, hairdressing, ethnicity but also so-called “ethnic chic”, clothes for the tourist market, the politicisation of traditional dress, the dress of politicians, national clothing, alternative dressing, and t-shirts as temporary markers of identity.

In one chapter Dr Maynard discusses responsible clothing choices.

She examines environmental issues associated with dress, including the use of pesticides in growing materials such as cotton, and environmental problems resulting from dyeing and bleaching jeans.

She said consumers might think twice about clothing choices if they knew more about production methods.

“If we look beyond the marketing rhetoric and untroubled face of huge corporations, scientific evidence shows much of the world’s textile product and clothing maintenance is far from benign,” she said.

“It causes a significant amount of pollution and impacts heavily on ground water and soils.”

Dr Maynard has published extensively on dress and cultural studies.

Her first book was entitled *Fashioned from Penury: Dress as Cultural Practice in Colonial Australia* (1994) and was followed by *Out of Line: Australian Women and Style* (2001).

**Award for UQ Librarian**

University Librarian Janine Schmidt has been named a Fellow of the Australian Library and Information Association for her outstanding achievements and leadership in innovative and user-focused library management, promotion of the profession, and in education.

The Association is the professional organisation for Australia’s library and information services sector.

**Concert diary 2004**

The UQ School of Music concert diary for semester two 2004 is now available. The diverse audio performances include a special anniversary morning tea in the Long Room at Customs House to celebrate 10 years of occupancy by the University.

The event on Sunday, October 24, featuring the Symphonic Wind Band and University Chorale, will be part of a Customs House open day starting at 10:30am.

Other semester two events include the popular Sundays at Customs House series, the UQ Staff and Graduates Club twilight concerts and the regular, free lunchtime concerts in the Nickson Room at UQ’s St Lucia campus.

Information: Customs House open day, or events and activities: 07 3365 8911, info@customshouse.com.au

School of Music concert diary and other events: 07 3365 3503 concerts@uq.edu.au
Australian media entrepreneur Reg Grundy received an Honorary Doctorate of Philosophy at a UQ graduation ceremony on July 20.

Widely regarded as the father of the Australian television production industry, Mr Grundy is included in the all-time 100 most influential Australians (Sydney Morning Herald).

After developing a radio game show, Wheel of Fortune, which was transferred to television in 1959, Mr Grundy began to adapt American programs such as Concentration and Say When for the Australian television market.

By the late 1970s, Mr Grundy’s company, now known as the Grundy Organisation, had purchased game show formats including the enduring Sale of the Century and had developed dramas including Prisoner, The Young Doctors, The Restless Years, Sons and Daughters and Neighbours.

At one stage, he had production houses and offices in France, Germany, Spain, Scandinavia, Belgium, Greece, New Zealand, Singapore, Chile, Italy, Israel, India, the UK, the US, Hong Kong and Holland.

Two other high-achieving Australians were honoured by the University at the ceremonies held at the UQ Centre on July 20, 21 and 23.

Professor James (Jim) O’Donovan received his Honorary Doctorate of Laws on July 21.

A former teacher with UQ’s TC Beirne School of Law, he is now Dean of Law at the University of Western Australia and a consultant to top-tier Australian law firm, Clayton Utz.

Dr Tony Keller received an Honorary Doctorate of Science on July 23.

As Chief Executive Officer of Bruker Biospin in Germany, he has collaborated with the University’s Centre for Magnetic Resonance (CMR) on many productive research projects.

In 1967, his first NMR patent — stabilisation of a magnetic field allowing for the first time very slow sweeps for ultra-high resolution — helped the company achieve its first European and American sales.

Since Dr Keller met the CMR’s Professor David Doddrell in the early 1980s, the Centre and Bruker have embarked on a highly productive research collaboration with UQ producing sophisticated equipment to complement the spectrometers while Bruker distributes new equipment created worldwide through its established sales network.

Now Bruker CEO, Dr Keller presides over a multinational company producing equipment with fields of up to 900 MHz and entirely digitised.
Staying mum on campus

UQ is officially Australia’s first breastfeeding friendly university.

The Australian Breastfeeding Association (aba) has accredited UQ as a breastfeeding friendly organisation.

The decision was made after the ABA reviewed the University’s breastfeeding facilities and policies.

The announcement coincided with World Breastfeeding Week from August 1-8 and an Australia-wide attempt on the world record for simultaneous breastfeeding during Breastfest 2004, in Brisbane at Chermside and Garden City Shopping Centre.

UQ’s accreditation was driven by senior research fellow Dr Haida Luke from the Centre of National Research on Disability and Rehabilitation Medicine.

“We are the only and the first university in Australia to have this,” Dr Luke said.

“I’m delighted and honoured and pleased and I think it’s going to be a great benefit to the staff and students of the University.”

Dr Luke had won $5000 from the Vice-Chancellor’s inaugural Equity and Diversity Award for setting up a University support network for breastfeeding mothers called the Breastfeeding Networking Group (UQBfNG).

The money has paid for ABA accreditation, breastfeeding posters and books sent to most UQ libraries and family rooms and Come Back Packs including breastfeeding brochures for staff going on parental leave.

ABA representative Lydia Isokangas, a former UQ student, reviewed work policies and inspected buildings and family and parent rooms at most campuses.

Family rooms had to be clean, private, lockable and have equipment to express or breastfeed, change nappies and a refrigerator.

Parking for breastfeeding mothers was also introduced to allow a carer easy access to bring babies to work.

An annual prize will be presented for any staff or student who promotes breastfeeding and work or study.

With Dr Luke now working in Canada, Julie Mackie, a scientist with the Cooperative Research Centre for Tropical Plant Protection, is the new UQBfNG coordinator.

Ms Isokangas (left) with Dr Luke (right) and UQBfNG members

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ENGINEERING

Australasian Universities Power Engineering Conference: September 26-29, UQ St Lucia

Electricity generation and renewable energy sources will be topics under the spotlight at this conference. The theme is Deregulated power industry: challenges and opportunities. Leading experts in power engineering will address a number of major issues faced by the industry. Professor George Gross (University of Illinois, US) will deliver a keynote speech outlining the security aspects of a complex interconnected electricity grid.

Information: Dr Tapan Saha, 07 3365 3962 or saha@itee.uq.edu.au

MINING

Julius Kruttschnitt Mineral Research Centre (JKMRC) International Student Conference 2004: September 6-7, Brisbane Convention and Exhibition Centre

The aim is to develop the conference experience of current or recently graduated advanced-level research scholars who intend to pursue careers in the fields of mining, mineral processing or mining technology services. For the first time in its 12-year history, this annual conference will be open to postgraduate and advanced level mining and minerals engineering research students from around the world.

Information: http://www.jkconference2004.com or 07 3365 5888

FEMINISM

Australian and international feminisms, where we’ve been and where we’re going: December 12-14, Boston University Sydney Campus, Chippendale

This conference will celebrate 30 years of HECATE Interdisciplinary Journal of Women’s Liberation. The themes to be covered during the event may include but will not be restricted to: women in sport, leisure, hospitality and tourism; women and the law; women, power and politics; women and Indigeneity; women and health; women and business; and women and sexuality. Speakers will include: Professor Claire Moses (Department of Women’s Studies, University of Maryland, US).

Information and submissions: Dr Sharon Clarke, 02 9514 9828, sclarke@iinet.net.au or Marilla North, 02 4784 3442, marillanorth@optusnet.com.au

WOMEN’S HEALTH

Symposium 2004: topical and controversial issues in women’s health: September 4, The Wesley Auditorium, Chasely St, Auchenflower

This one day symposium presented by the Royal Brisbane and Women’s Hospital Research Foundation and Betty Byrne Henderson Women’s Health Research Centre will look at a diverse range of women’s health issues ranging from menopause management to ageing of the cardiovascular system. Speakers will include: Dr Ramesh Manocha (Natural Therapies Unit, Royal Hospital for Women, Sydney); Dr J Nicklin (Gynaecologist Oncologist, Royal Brisbane and Women’s Hospital); and Dr Nancy Pachana (UQ).

Information: 07 3365 5204 or BBHC@ccs.uq.edu.au

in brief

Trailblazing the way

UQ’s main technology commercialisation company UniQuest is running its annual Trailblazer competition.

Trailblazer is open to all UQ researchers and students who have an innovative idea or early-stage research with commercial potential.

There are 11 prizes worth a total of $40,000, with $8000 to encourage student research.


UQ’s five star rating

The University has received the best overall rating of all Queensland universities and one of the best Australian university rankings in the 2005 edition of the Good Universities Guides.

UQ received the maximum rating for eight categories: prestige, getting a job, positive graduate outcomes, non-government earnings, student demand, research grants, research intensity, and the demand for places (St Lucia campus).
Larger look at life

Researchers will be able to investigate a range of active biological entities to atomic resolution with a new cryo-electron microscope at the University.

The microscope, capable of one million-times magnification, is the centrepiece of UQ’s new Advanced Cryo-Electron Microscopy Facility.

The Facility, part of UQ’s Centre for Microscopy and Microanalysis (CMM), forms the Queensland node of the Nanostructural Analysis Network Organisation (NANO), a $11.2 million federally funded project linking microscopy centres nationally.

It was opened in July by Linda Lavarch, Parliamentary Secretary to the Minister for State Development and Innovation.

NANO’s aim is to provide advanced capabilities for the characterisation and manipulation of matter at the atomic and molecular levels.

Professor John Drennan, Director of the CMM and Chair of the NANO Scientific Panel, said the Facility, to be housed at UQ’s Institute for Molecular Bioscience, would aid research in many different fields.

“Projects presently being undertaken include obtaining a three-dimensional picture of pancreatic cells involved in insulin production, the structure of molecules associated with photosynthesis and the possible production of hydrogen, and the internal structure of porous materials associated with catalysts,” he said.

Professor Drennan said the microscope, which was partially funded by the Queensland Government ($1.5 million), would allow scientists to investigate structures to atomic resolution of a range of active biological entities.

“To understand the interactions which control our health, the transmission of diseases, and even define our thoughts, we need to know the structure of the molecules,” he said.

“To do this we need to isolate the molecule and image it at magnifications (200,000-times) that allow us to see the atomic arrangements.”
Concerns about the loss of Queensland’s public art and monuments led UQ graduate Joanna Besley to research the histories and stories behind the State’s outdoor cultural objects.

The result, *Monumental Queensland*, addresses important questions about the social, cultural and political significance of these objects. Naturally Ms Besley and co-author Dr Lisanne Gibson from the University of Queensland Press, featured various UQ landmarks, including the Great Court and UQ Union sculpture, in the book. Ms Besley, who graduated with a Bachelor of Design Studies in 1989 and is studying for her PhD in architecture, said many of the objects discussed were currently under threat due to urban renewal.

It uses a combination of traditional European imagery and symbols of learning such as famous Western philosophers together with images of Australian and Queensland life such as flora and fauna, indigenous people and symbols of industry. “It evokes tradition and makes a confident statement of local identity that places the establishment of UQ in the succession of Western scholarship and academic tradition.”

The full colour illustrated book originally grew out of an Australian Research Council funded project examining public art and heritage. Ms Besley, who graduated with a Bachelor of Design Studies in 1989 and is studying for her PhD in architecture, said many of the objects discussed were currently under threat due to urban renewal.

By pointing to the particular and special in our environment, the book aims to raise awareness in the general community that it has a role in relation to the protection of its stories and that its stories, as they are articulated in outdoor cultural objects, are worth protecting,” Ms Besley said. From the Big Pineapple to Australia’s Big Foot, the Weeping Mother to the *Cactoblastis* moth and from Queen Victoria to King Wally, *Monumental Queensland* encourages a closer look at the things around us that communicate our identity.

Ms Besley said she had been amazed by the stories behind some of these seemingly straightforward icons. Most people are unaware that the Big Pineapple was established by one of the early leading lights at the United Nations who used the proceeds to fund one of Australia’s biggest charitable foundations,” she said.

Ms Besley said she had also been struck by the importance of objects in defining identity for Queensland communities.

“The sculpture at the UQ Union complex, for example, is a depiction of fellowship among students and like other pieces by Leonard Shillam, it works to humanise the built environment by introducing the human figure into the landscape, albeit in an abstract way,” she said.

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**Current bestsellers**

1. **DA VINCI CODE**
   (Brown, D) Corgi, $19.95. Crime Fiction

2. **NOT HAPPY JOHN**
   (Kingston, M) Penguin $24.95. Politics

3. **GIRL MOST LIKELY**
   (Sparrow, R) University of Queensland Press $22.00. Australian Fiction

4. **GREAT FIRE**
   (Hazzard, S) Virago $28.00. Fiction

5. **CURIOUS INCIDENT OF THE DOG**
   (Haddon, M) Red Fox, $21.95. Fiction

6. **FULL CUPBOARD OF LIFE**
   (McCall Smith, A) Penguin $22.95. Crime Fiction

7. **GIRL IN TIMES SQUARE**
   (Simons, P) Harper Collins $32.95. Fiction

8. **EATS SHOOTS & LEAVES**
   (Truss, L) Profile Books $29.95. Humour

9. **WHITE GARDENIA BOOKS ALIVE EDITION**
   (Alexandra, B) Harper Collins $18.95. Fiction

10. **HARRY POTTER & THE ORDER OF THE PHOENIX**
    (Rowling, J) Allen Unwin $19.95. Children’s fiction
Queensland Premier Peter Beattie and UQ’s Vice-Chancellor Professor John Hay, AC, were among those to pay tribute to the late Denis Murphy, at the opening of a display of the Denis Murphy Collection at the Fryer Library recently.

University Librarian Janine Schmidt and Friends of Fryer Patron Kaye de Jersey joined the Premier and Vice-Chancellor at one of the exhibits.

Dr Murphy was an academic in UQ’s School of History, Philosophy, Religion and Classics from 1966 to 1984, and was a major figure in the reform of the Queensland branch of the Labor Party in the 1980s.

It is the first public display of the Collection, which includes research materials for publications, personal papers and materials relating to Dr Murphy’s academic career and his membership of the ALP.

“IT’S in this wonderful wet marshland and because it’s so wet the preservation of the wood and the textiles is fabulous,” Dr Hall said.

Dr Hall, who is Head of Archaeology at UQ, was involved with a team examining preserved faecal material for evidence of food residues and parasites in order to learn about the prehistoric dietary habits of Maori people.

His discovery of particular intestinal parasites in the faeces proved them to be from dogs rather than humans and examination of their contents demonstrated the close dietary association between people, dogs and rats at the site.

He said the illustrated book was significant because it was multi-disciplinary, featuring different expert studies focusing on areas such as stone and wood technology, architecture, trade, subsistence and social life.
Setting the PACE

Australian and multinational companies are being invited to play a role in a Queensland Government-supported UQ initiative to keep more drug research and development dollars in Australia.

UQ Vice-Chancellor, Professor John Hay, AC, last month announced expressions of interest would be sought for the construction and development of the $60 million Pharmacy Australia Centre of Excellence (PACE) on land adjoining Brisbane’s Princess Alexandra Hospital.

PACE will bring together Australia’s leading pharmacy educators and researchers, key pharmacy professional organisations and commercial research and development, in a smaller pharmaceutical version of the computer industry’s Silicon Valley.

The unique project will eventually cover every aspect of the pharmaceutical production line from drug discovery to eventual use, offering a new School of Pharmacy to meet the growing demand for new pharmacy graduates and postgraduate research.

Other confirmed PACE partners and future tenants include The Pharmacy Guild of Australia, The Pharmaceutical Society of Australia, the Society of Hospital Pharmacists of Australia and the Australian Institute of Pharmacy Management.

Professor Hay said there were opportunities for investors or partners to help finance or construct the Centre, or take up some of the allocated 5500 square metres of commercial space.

“Thanks to the vision of the Queensland Government, we have an exciting opportunity to build Australia’s leading facility for pharmaceutical research, education and drug commercialisation,” he said.

Professor Hay said PACE would complement other University drug development activities including Australia’s first integrated pre-clinical drug trial facility.

State Development and Innovation Minister Tony McGrady said the Government was strongly committed to the development of PACE.

“PACE is going to be a fantastic centre of learning and industry and we’re right behind it because it represents many of the hallmarks of the Smart State Strategy,” he said.

An Economic Impact Assessment carried out by KPMG found the PACE project could be expected to directly inject $96 million into the Queensland economy alone, with anticipated ongoing benefits of around $46 million per annum.

Senate Elections Suspended

Elections for the elected members of the Senate of The University of Queensland for 2005–2007 and the elections of 16 members of Convocation to the Standing Committee of Convocation have been suspended.

The Commonwealth Government, as part of its Backing Australia’s Future Program, is requiring all Australian universities to comply with a set of National Governance Protocols and Workplace Reform measures as a condition of receipt of additional funding over the next three years. These Protocols specify that a University Governing Body should have no more than 22 members, that there should be a majority of members who are not staff or students and that the membership should include persons with financial and commercial experience.

The University Senate has made recommendations to the State Minister for Education and the Arts as to how the Senate should be re-constituted to comply with these Protocols. The recommendations include a reduction in the size of the Senate from 35 to 22 and changes to the constituencies of elected members. The State Minister has indicated that the necessary changes to the University Act are unlikely to be processed through the Legislative Assembly before the end of the year when the term of the current Senate expires. The Minister has, however, indicated that she is prepared to recommend to Cabinet that the Government legislate to provide for an extension of the life of the Senate, as currently constituted, for up to one year.
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, September 8**
  - Australasian Centre on Ageing, Breakfast colloquia series 2004, Residential aged care: does staff communication influence quality? Associate Professor Jill Wilson, Associate Professor Linda Worrall, Associate Professor Louise Hickson, Dr Cheryl Tilse and Professor Helen Bartlett (7am, Royal on the Park, Brisbane CBD, bookings essential). Details: 07 3346 9084.

- **Thursday, September 9**
  - Philosophy staff and students seminar program, Apologies for the Enlightenment, Louis Durpe, Yale University (3-5pm, Room 1-E348, Forgan Smith Bldg). Details: 07 3365 6320.

- **Friday, September 10**
  - IMB Seminar series, Molecular mechanisms of facial (beak) morphogenesis, Dr Joy Richman, University of British Columbia, Canada (noon, QBP Auditorium). Details: 07 3365 2056.

  - School of Biomedical Sciences, Photoreceptor types and colour vision around campus, Professor Peter Kral, University of New South Wales (1-2pm, Seminar Room 305, Skerman Bldg). Details: 07 3365 3132.

- **Tuesday, September 14**
  - School of Biomedical Sciences, Cholomergic factors affecting hypoglossal motoneuron excitability, Matthew Ireland (2-3pm, Seminar Room 305, Skerman Bldg). Details: 07 3365 3132.

- **Wednesday, September 15**
  - Queensland Brain Institute, Neuroscience seminar series 2004, “Pebble thrown into GTPase pond makes waves”, Professor Robert Saint, Queen Mary, University of London, UK (2-3pm, Seminar Room 305, Skerman Bldg). Details: 07 3365 3132.

- **Thursday, September 16**
  - School of History, Philosophy, Religion and Classics, Introducing the patrol officers: changed agents and agents of change in post-Second World War Papua New Guinea, Anthony Yeates (4.15-5.30pm, Room 323, Mitchie Bldg). Details: 07 3365 6320.

  - Philosophy staff and students seminar program, Singular causation, Peter Menzies, Macquarie University (3-5pm, Room 1-E348, Forgan Smith Bldg). Details: 07 3365 6320.

- **Tuesday, September 21**
  - National Tertiary Education Union, The nuts and bolts of working as a UQ researcher, speakers include Professor David Siddle (12.30-2pm, IMB Auditorium). Details: 07 3365 2538.

- **Wednesday, September 22**
  - Queensland Brain Institute, Neuroscience seminar series 2004, Neurotrophin and cytokine regulation of zinc neurotoxicity, Dr Sam Morley (noon, Seminar Room 305, Skerman Bldg). Details: 07 3365 9559.

- **Thursday, September 23**
  - Centre for Critical and Cultural Studies, Singular causation, Professor Peter Menzies, Macquarie University (noon, Seminar Room 305, Skerman Bldg). Details: 07 3365 3132.

- **Friday, September 24**

- **Thursday, September 29**
  - TC Beirne School of Law, McIntyre Wilson professional legal seminar series, A review of the Uniform Civil Procedure Rules, Dr Bernard Cairns (7-15-1 I am UQ Business School Downtown, CP1, 345 Queen St, Brisbane CBD). Details: 07 3346 9249 or exce@bel.uq.edu.au

- **Friday, October 1**
  - IMB Seminar series, Functions and applications of marine natural products, Professor Marcel Jaspar, University of Aberdeen, UK (noon, QBP Auditorium). Details: 07 3365 2056.

- **Wednesday, October 6**
  - Australasian Centre on Ageing, Breakfast colloquia series 2004, Older single women: what is there to look forward to? Professor Christina Lee (7-9am, Royal on the Park, Brisbane CBD, bookings essential). Details: 07 3365 9084 or acaevents@uq.edu.au

- **Thursday, October 7**
  - Centre for Critical and Cultural Studies, Indoctrination事宜, or what’s the use of having an identity, Professor Mark Poster (5.30-6.30pm, The Mayne Centre). Details: 07 3365 9764 or execed@bel.uq.edu.au

- **Friday, October 8**

- **Tuesday, October 22**
  - School of Biomedical Sciences, The induction of senescence in melanoma by diperitoneal exterm, Sarah Cozzi (2-3pm, Seminar Room 305, Skerman Bldg). Details: 07 3365 3132.

**CONCERTS**

- **Thursday, September 9**
  - School of Music, Free lunch-time concert, 4MBS Musica Viva Sid Page Memorial Prize in Chamber Music (12.30pm, Nickson Room, Zelman Cowen Bldg).

- **Monday, September 13**
  - School of Music, String Bach Prize, Performers present their favourite solo Bach works (6.30pm, Nickson Room, Zelman Cowen Bldg).

- **Thursday, September 16**
  - School of Music, Free lunchtime concert, Anna McPherson presents her Masters violin recital with pianist Brachi Tilles (12.30pm, Nickson Room, Zelman Cowen Bldg).

- **Thursday, September 23**
  - School of Music, Opera workshop performances, Performance of Mozart’s Cosi fan Tutte – Act I (7.30pm, Princess Theatre).

**OTHER EVENTS**

- **UQ Law Graduates Association, Law graduates dinner, for all UQ law graduates, particularly reuniting graduates of 1976 to 1980. Details: lawgrads@lawn.uq.edu.au

**PRIZES**

- **The Alumni Association Postgraduate Bursaries 2004**: for UQ graduates who are members of the Alumni Association and who have entered the first year of a PhD program. **Worth:** $1000. **Closing:** September 30. **Information:** 07 3365 1984.

- **Percy Brier Memorial Prize For Music 2004**: open to students enrolled in any program at UQ who submit an original music composition. **Worth:** $1290. **Closing:** November 5. **Information:** 07 3365 4949.

- **The Ford Memorial Prize 2004**: for an undergraduate who, not having twice been awarded the prize, submits the best poem in English. **Worth:** books to the value of $200. **Closing:** November 19. **Information:** 07 3365 1984.

- **The Thomas Morrow Prize 2004**: for an undergraduate student, who as part of a course of study, writes the best essay on a topic in the field of scientific inquiry in Australia. **Worth:** $400. **Closing:** November 19. **Information:** 07 3365 1984.
The Australian National Gallery’s new travelling exhibition will be on display at The James and Mary Emelia Mayne Centre at the University’s St Lucia campus until November 7.

*Rough Cuts: European figurative prints from Gauguin to Paladino* looks at two groups of print-works in terms of their figurative content as well as their working methods and surface aesthetic.

The first group is from the early period of German Expressionism, approximately 1895 to 1925, the second group dates to the later European neo-figurative period of the 1970s and 1980s.

The German Expressionism section includes works by artists from the famous *Die Brücke* group: Erich Heckel, E.L. Kirchner and Karl Schmidt-Rottluff, as well as two of their precursors, Paul Gauguin and Edvard Munch.

The later period includes works by the German artists Jörg Immendorff, A.R. Penck and Georg Baselitz, and the Italians Francesco Clemente, Sandro Chia, Mimmo Paladino and Enzo Cucchi.

The artists of *Die Brücke* sought to harness emotion in all its expressive force by creating works where the surface aesthetic manifested the very emotional content they aimed to express – rough, primitive, elemental and handmade.

They often used found pieces of unfinished timber for their wood-blocks, or recycled discarded lithographic stones with all their breaks and imperfections.

Artists from this early period of Expressionism, however, had not exhausted itself in terms of its content or visual aesthetic.

During the 1970s and 1980s, as a reaction against a decade of Abstraction, there was a return in Germany to a figurative-based art using similarly primitive techniques in the form of a ‘new’ or ‘neo’ Expressionism.

In Italy the artists of the *transavanguardia*, such as Clemente, Chia, Cucchi and Paladino, embarked on a new, highly personalised and different form of lyricalneo-Expressionism.

The exhibition contrasts the earlier and later periods of European figurative prints in both content and style.

In doing so, it highlights the extraordinary riches of the National Gallery of Australia’s International Print collection.

The exhibition is accompanied by a 12-page full-colour brochure.

- www.nga.gov.au/roughcuts

**Art shows its rough side**

The primitive and emotional qualities of Expressionism spanning the past two centuries will be on full view in a new exhibition at the Mayne Centre.