REWARD
UP TO
$100,000

Information Flow in Large Communication Nets
Proposal for a Ph.D. Thesis

Leonard Kleinrock

1. Statement of the Problem:

The purpose of this thesis is to investigate the problems associated with information flow in large communication nets. These problems appear to have wide application, and yet, little serious research has been conducted in this field. The nets under consideration consist of nodes, connected to each other by links. The nodes receive, sort, store, and transmit messages that enter and leave via the links. The links consist of one-way channels, with fixed capacities. Among the typical systems which fit this description are the Post Office System, telegraph systems, and satellite communication systems.

A number of interesting and important questions can be asked about this system, and it is the purpose of this research to investigate the answers to some of these questions. A partial list of such questions might be as follows:

1. What is the probability density distribution for the total time lapse between the initiation and reception of a message between any two nodes? In particular, what is the expected value of this distribution?
2. Can one discuss the effective channel capacity between any two nodes?
3. Is it possible to predict the transient behavior and recovery time of the net under sudden changes in the traffic statistics?

Leonard Kleinrock’s proposal for PhD thesis on the Internet, 1961

For turning a theory into a business plan.

Turn your great idea into a brilliant business plan by attending the ENTERPRIZE Networking Session and the ENTERPRIZE Concept Plan Workshop at UQ’s St Lucia campus in August. Come and hear from Dr David Gow, the person behind the ENTERPRIZE concept, as well as Steve Coplin, CEO of i.lab and an experienced business angel and investment banker. Steve will again act as a judge in this year’s ENTERPRIZE challenge. Keep an eye on our Website www.enterprize.uq.edu.au for further details. Remember, there’s $100,000 up for grabs in our Open category and a $25,000 prize in the i.lab Student Competition. Business concept plans are due 6 September.

THE UNIVERSITY
OF QUEENSLAND
i.lab

ENTERPRIZE
THE UQ BUSINESS SCHOOL COMPETITION

NETWORKING SESSION - WEDNESDAY 7 AUGUST 5.30pm
ENTERPRIZE CONCEPT PLAN WORKSHOP - TUESDAY 13 AUGUST 5.30pm
UQ’s Open Days are an excellent opportunity for prospective students and their families and friends to find out more about studying at The University of Queensland. I would like to particularly welcome those of you who are visiting one of our three main campuses for the first time.

This edition of UQ News presents comprehensive details of the St Lucia, UQ Ipswich and UQ Gatton Open Days (see pages 9 to 16), as well as providing the usual coverage of issues affecting the UQ community.

Many of you may have noticed that the University has launched a new television commercial to highlight the Open Days and UQ’s standing as one of Australia’s leading universities (see page 6). With all the higher education options now available, it is important to remember that Queensland has in UQ an extraordinary university that is genuinely world-class.

Professor John Hay
Vice-Chancellor
Mentoring program

The transition from study to work has been made easier through a UQ Alumni Mentoring Program launched in June.

Initiated by the Development Office with help from Student Support Services, the pilot-program will see final-year students mentored by experienced professionals in the fields of social work, economics and arts.

“The program is an excellent way for alumni to contribute to the development of other graduates and aims to strengthen ties between the University, successful alumni and the business community,” said Development Office Director Margaret Burke.

Deputy Vice-Chancellor (International and Development) Professor Trevor Grigg officially launched the program on Wednesday, June 26, in the new $20 million UQ Centre.

The six-month semi-structured program will include one-on-one workplace visits, professional networking and job-shadowing.

The program will be launched University-wide next year, with plans already in place to establish an E-mentoring Program for international students.

Information: (07) 3346 3904

25th anniversary

The UQ Secretaries’ and Office Professionals’ Association celebrated its 25th anniversary with a lunch and Annual General Meeting on Wednesday, July 3.

More than 60 members and guests were present, including seven past presidents. Founding-member Margaret Dawson from the Faculty of Arts, retired from UQ after 41 years’ service the following day.

The guest speaker was Liza Watt from The OzAccom Group who discussed conference and event management. The 2001-2002 Executive Committee was also elected to office to serve another year.

$33m home for CICR vaccine

A UQ cancer research team is the major tenant of a new research complex which is part of Brisbane’s expanding biomedical precinct.

A $33 million research complex opened on Monday, July 15 is the new home for a UQ research group pioneering vaccines against cervical cancer and genital warts.

The vaccines were developed by researchers in UQ’s Centre for Immunology and Cancer Research (CICR), headed by Professor Ian Frazer.

The CICR, which has grown to a 70-staff member organisation in 10 years, is the major occupant of the research complex at Princess Alexandra Hospital.

Queensland Premier Peter Beattie, Health Minister Wendy Edmond, Minister for Innovation and Information Economy Paul Lucas, and Education Minister Anna Bligh, opened the Centres for Health Research.

The CICR, which has grown to a 70-staff member organisation in 10 years, is the major occupant of the research complex at Princess Alexandra Hospital.

Queensland Premier Peter Beattie, Health Minister Wendy Edmond, Minister for Innovation and Information Economy Paul Lucas, and Education Minister Anna Bligh, opened the Centres for Health Research.

It is an umbrella organisation for research on the hospital campus, from basic laboratory research through to clinical and health services research.

“The groups include the Liver Transplant Research Group, Bowel Cancer Research Group, Urological Cancer Group, Liver Research Groups, Therapeutics Research Group and Renal Research Groups.

The building will also house the Lions Laboratories previously located elsewhere on the hospital campus.

UQ Vice-Chancellor Professor John Hay congratulated the Queensland Government, the Princess Alexandra Hospital, the CICR and major sponsors including the Australian Cancer Research Foundation on the opening of the new development.

“The University is pleased to be a partner in this research facility, which is a cornerstone in the development of a major biomedical precinct in conjunction with the Queensland Government,” Professor Hay said.

“The proposed Green Bridge linking the University’s St Lucia campus and Dutton Park will facilitate further linkages between the Centres for Health Research at Buranda and major UQ research centres at St Lucia.”

Ten UQ PhD students are currently joining researchers in projects at the Centre. Also located in the building is a spinoff biotechnology company Coridon Pty Ltd, which has been responsible for a $3.7 million research and development contract with UQ’s Centre for Immunology and Cancer Research.

Coridon is licensing technology developed by Professor Ian Frazer and the late Dr Jian Zhou for identifying and modifying genetic codes used in particular cells in combining amino acids for the production of proteins.

As part of the deal the University, through UniQuest, its technology transfer company, obtained a research contract from Coridon that sees most of these funds flow to CICR over the next two years.

The Centres for Health Research is co-located in conjunction with Herron Pharmaceuticals and Imaginot, a pharmaceutical research initiative involving industry and academic interests.

The Pharmacy Australian Centre of Excellence will be located in land adjacent to the development. This centre will bring together UQ’s School of Pharmacy, the pharmacy profession and pharmaceutical companies.
It is only a matter of time before men and women return to the Moon and continue onwards to explore Mars, according to one of the last two men to walk on the Moon, Dr Harrison Schmitt.

“The Apollo program was a milestone in human history, and in the history of science, providing a first order understanding of a second planet,” Dr Schmitt told a Mayne Hall, St Lucia audience of 500 on Monday, July 15.

“In the history of technology, Moon landings vastly expanded our ability and our know-how. In the history of nations, it was an accomplishment of young men and women largely in their 20s, who proved you can do remarkable things. “The Apollo program also demonstrated that human beings can live in space. The resources of the Moon and Mars provide opportunities for selective enclaves of permanent settlements.”

Dr Schmitt, a member of the Apollo 17 mission in December 1972, one of only nine Moon walkers and the only career scientist to explore the Moon first hand, discussed his experiences as a geologist, astronaut, politician, businessman and academic at the free public lecture.

In an entertaining session, he tossed “moonrocks” (rubber balls) to audience members and took questions from many children.

Dr Schmitt and Eugene Cernan were the last two people to explore the surface of another world, while the third mission member, Ron Evans, orbited above.

They travelled in the largest rocket ever built, the Saturn V, and reached the Moon in the lunar module Challenger, exploring the Valley of Taurus-Littrow.

“It was a valley of about 35, let’s say 50 kilometres long, about 7 kilometres wide and the mountains on either side went to 2100 metres above the surface of our valley,” Dr Schmitt said.

“These mountains and the surface itself were illuminated by a brilliant sun, as bright as any sun that you might have experienced, but all against a background of the blackest sky you can imagine.”

During three EVA (Extra-Vehicular Activity) sessions totalling 22 hours, they explored the Moon on foot in their lunar rover.

Dr Schmitt said the Moon held great promise. With only one-sixth normal gravity, no breathable atmosphere and surface temperatures ranging from 110˚C to –180˚C, it nonetheless possessed resources and features that could prove to be of great value to Earth.

Resources included hydrogen and oxygen, which could be used to make water and sustain life, and titanium. Settlements on the Moon would allow Earth the technology to move on to Mars.

The Apollo 17 astronauts returned with 113 kilograms of collected samples, but despite a “perfect mission”, the program was cancelled after six moon-landings in just three years, due to politics and lack of media interest, according to Dr Schmitt.

Before the lecture, Dr Schmitt visited the Centre for Hypersonics, meeting Director Professor Richard Morgan, and received a briefing from PhD student Jason Hoogland on the Mars Gravity project in 2005 to pave the way for human exploration.

He also met with Dr Allan Paull, HyShot program leader, who briefed him about the project to test a scramjet in flight for the first time in the world.

This month’s unsuccessful Japanese aeronautical experiment at Woomera is unlikely to cause delays to the international HyShot program.

Dr Paull said his research team hoped to conduct its experiment on Tuesday, July 30, at the Department of Defence’s Woomera Prohibited Area, 500 kilometres north of Adelaide.

Dr Schmitt’s lecture was sponsored by the University Alumni Association, Aviation Australia, UQ’s Centre for Hypersonics and the Mars Society.
A major office renovation is benefiting both staff and students.

After six months of planning and construction, the International Education Directorate (IED) has finally moved into its renovated premises.

The $500,000 renovations to level two of the University’s JD Story Building are customer-oriented with the front desk area a façade for an open-plan, work-station environment for 40 staff.

“It’s a very space-efficient layout with excellent use of cross-ventilation and light,” said project manager Peter Davies from UQ Property and Facilities.

The layout features two computer-equipped meeting rooms, one accessible via the front desk area, a resource room, lockable space at each work station, kitchenette and a new space-minimising filing system.

One of the Directorate’s roles is to provide advice to new and prospective international students on all matters relating to program admission.

“We work hand-in-hand with the Student Centre on level one of the building and it is important that the two areas remain close to each other as well as provide a corporate image for the University,” said IED Finance and Administrative Officer Elizabeth Soh.

The new design was created by BAC Group Pty Ltd after an extensive user consultation process with ISIS Projects carrying out the renovations.

The hidden side of disability

by Brad Turner

An acquired disability impacts on a person’s mobility, but what about their mind?

A UQ researcher has been guided by personal experience in examining the psychological impact of acquired disabilities such as spinal-cord injury and multiple sclerosis.

Master of Clinical Psychology student Michele Furlong has experienced chronic illness and lived with a disability since the age of nine.

“I was diagnosed with an autoimmune illness that resulted in my immune system becoming overactive and attacking muscle tissue and spent the majority of three years in hospital during the initial acute phase of the illness,” she said.

“Although the condition burnt out after five years, I continue to have weakness in all muscle groups, but especially in my legs, which makes it impossible to stand or walk.”

To coincide with Disability Action Week (July 15-21), Ms Furlong has launched a survey of people who now use a wheelchair or scooter as their main form of mobility and hopes many will volunteer to provide information through a brief survey.

She said the study would hopefully contribute to the limited knowledge and development of psychological services for those with an acquired injury or disabling medical condition.

“While physical and rehabilitation support are available for Queenslanders with an acquired disability, psychological services are lacking in comparison,” Ms Furlong said.

“In the past decade there has been growing awareness of the psychological needs of people forced to adjust, often suddenly, to major changes in physical abilities, identity, relationships, employment or study, social activities and future plans.”

People wishing to complete the survey should telephone 07 3365 5055 or email: researchproject-mf@ccs.uq.edu.au and leave a name and address. Surveys will be sent out and returned anonymously in pre-paid envelopes.

The University has launched a new television commercial using real students to highlight the aspirations of young people considering tertiary study.

UQ Vice-Chancellor Professor
John Hay said the television commercial and associated campaign would help reinforce to Queenslanders that one of Australia’s best universities was right on their doorstep.

“With all the higher education options now available, it is easy to lose sight of the fact that Queensland has in UQ an extraordinary facility that is genuinely world class,” he said. “UQ is one of the top three research universities in Australia and it has won or been shortlisted for more national teaching awards than any other university in the country.

“In the 2002 Good Universities Guide, UQ again received the best overall rating of any Queensland university and was the only university in the state to receive the highest rating for getting a job, prestige, student demand, research quantum, staff qualifications and positive graduate outcomes.

“Only three universities in Australia received the top, five-star rating for staff qualifications in this independent consumer guide.

“The results reflect that our graduates go on to rewarding and interesting lives and are in strong demand by employers all over Australian and abroad.”

Professor Hay said the UQ television commercial recognised that, at this stage of their lives, potential undergraduate students were focused on both the university experience and the career outcomes of their study.

“At UQ, they can be assured of a campus experience second to none and outcomes that will provide a solid foundation for their future lives and careers,” he said.

The UQ television commercial features eight current UQ undergraduate students who volunteered to take part.

The commercial was developed by George Patterson Bates and produced and directed by Taxi Film Company. The music track was created specifically for UQ by Subsignal Productions.

UQ Marketing and Communications Director Shane Rodgers said the commercial was developed following months of planning and research. “We met the deadlines through the cooperation and goodwill of a large number of people inside and outside of the University and we are very grateful for their efforts,” he said.

“In particular we want to thank the students who took part and the many others who offered and gave up their time to attend casting sessions and filming.”

Robots hit target

The world champion junior robotics soccer team will defend its Queensland title at UQ.

The newly-crowned world champion junior robotics team will compete at UQ next month.

The UQ-trained E-Strikers team from Brisbane Grammar School returned from Japan last month after winning the World RoboCup Junior Soccer Competition.

The UQ-trained E-Strikers team will compete at the RoboCup Junior Queensland 2002 Competition at the new UQ Centre on August 10-11.

School students have been busily finalising their Lego models in preparation for the showdown.

The School of Information Technology and Electrical Engineering has held workshops since February teaching students about robot-construction and software-programming.

“More than 600 students from 17 schools have attended workshops and we expect 80 to 100 teams will compete compared with 40 last year,” said Event Coordinator Lynne Launt.

Students can compete in three different categories: soccer (grades 8-12); rescue (grades 5-7 and 8-10); and dance (grades 5-7 and 8-12).

The winning teams will be invited to the national competition in Melbourne in September with the two or three top teams eligible for the 2003 International RoboCup Junior competition in Padova, Italy.

07 3365 4195
www.itee.uq.edu.au/robocupjnr
Youth advocate honoured

Danielle Begg has been helping young Queenslanders since she was just 15.

Dedication to promoting youth and social justice issues in the community has paid off for UQ student Danielle Begg, recently named the 2002 Suncorp Metway Young Queenslander of the Year.

Ms Begg, a second-year psychological science student, was presented with her medallion and $2000 cheque at an official Queensland Week function last month.

Ms Begg has been speaking out about the prevention of youth suicide, drug abuse and discrimination against youth since she co-established Australian Teens Advocating Change (ATAC) when she was 15.

The group, whose founders include UQ fourth-year commerce/law student Christopher Stewart and first-year biotechnology student Seung-Yi Lee, raises awareness of youth issues in the community, including organising national and State anti-drugs and anti-racism tours.

“Our latest project, which we are trying to get funding for, is a mentoring system that will operate via a 1800 phone number,” Ms Begg said.

“It will provide a youth network matching people with appropriate mentors who have volunteered their services through a call to arms.”

Light on pregnancy

UQ researchers scooped the pool at the inaugural Queensland Premier’s Awards for Medical Research recently.

Professor John McGrath from UQ’s School of Medicine and PhD student Danielle Stanisic won the senior postdoctoral and postgraduate student awards valued at $6000 and $3500 respectively.

The winners were selected from three finalists in each category after oral presentations to a lay audience and judging panel as part of National Medical Research Week – an Australian Society for Medical Research (ASMR) initiative held from June 1-8.

Dr McGrath’s research suggested schizophrenia could be caused by a lack of sunlight exposure when women are pregnant.

Ms Stanisic won the postgraduate student award for research into the effect of maternal antibodies on neonatal (up to four-weeks-old) pups and their response to malaria infection and immunisation.

Twin triumphs

Studying at Oxford University with his identical twin brother is a dream come true for 26-year-old UQ graduate Daniel Piggott, who recently won one of three 2002 James Fairfax/Oxford Australia Scholarships for Australian citizens.

“My brother Adam is completing a PhD in mathematics at Oxford University and it’s been a dream of mine to join him,” Mr Piggott said.

The 1999 University Medallist holds a Bachelor of Arts/Law (first-class honours) from UQ and plans to complete a Bachelor of Civil Law via Oxford University’s intensive one-year masters by coursework program.

The scholarships provide a living allowance of $A12,000, college fees and some university fees. UQ has provided $A10,000.

French scholarships

Six UQ students will soon be saying “Bonjour” to France. Two PhD students won the only French Government Postgraduate Scholarships awarded in Australia, while four undergraduate students won a quarter of the 2002 Baudin Travel Grants allocated nationally.

SLCCS PhD students Chantelle Brittain and Rachel Gee will leave Australia in September to complete a 12-month French postgraduate qualification – the Diplome d’Etudes Approfondies.

Both will pursue their research into applied linguistics and methodology of language teaching.


Forty-nine students from 15 universities applied for the grants.
“Can I find out about my future at Open Day?”

UQ’s Open Days give you the opportunity to get the answers to any questions you may have about studying at UQ – even those you haven’t thought of asking.

Whether you are planning your future, looking for a change, or wanting to continue or return to studying, you’ll find UQ’s Open Days informative and entertaining. They give you the perfect chance to come and see, touch, smell and get a taste of what campus life has in store for you.

So make the most of your time. Come and listen to the presentations you find appealing. Chat one-to-one with teaching staff. Stroll through the buildings and grounds. Get involved with the numerous activities taking place all over the campuses.

Then relax and enjoy the fun, food and entertainment we have on offer.

We hope you enjoy UQ’s Open Days.

St Lucia Campus
Sunday 4 August 2002
9am – 4pm

UQ Ipswich Campus
Sunday 18 August 2002
10am – 2pm

UQ Gatton Campus
Sunday 25 August 2002
9.30am – 3pm
UQ STUDY EXPO and OPEN DAY

The 2002 UQ Study Expo and Open Day at St Lucia campus is being held in the newly-opened UQ Centre. Here you can check out all your options and talk one-to-one with staff from all of UQ’s programs. Then, you can attend presentations from a wide range of study areas and explore everything on campus from the atmosphere of the lecture rooms and museums, to the scope of the sporting facilities and the taste of the food.

Getting There

Car:
Free parking is available all day. Enter the campus via Sir Fred Schonell Drive and park at the multi-level car parks. Then follow the red-dotted path indicated on the map to get to the UQ Centre.

UBD REF: MAP 179 F2

Bus:
BCC buses (Route 412) will run express from Adelaide Street to UQ every 15 minutes between 10am and 2pm. The UQ bus stop is at Chancellor’s Place, near the JD Story Building (Bldg 61).

Ferry/City Cat:
The Dutton Park Ferry will run between Dutton Park and UQ from 9am to 5pm. CityCat ferries will operate between Hamilton and St Lucia from 6am to 10.30pm.

SESSION 1: 9.30AM – 10.30AM

| Studying at UQ: Improving Entry Scores, Changing Programs, Transferring to UQ | Abel Smith Lecture Theatre – talk 1 of 2 (repeated in Session 4) |
| Agricultural Economics/Agribusiness | Hawken Engineering Building, Lecture Theatre 2 |
| Business Management (St Lucia Majors: Business Economics; eBusiness; Human Resource Management and Industrial Relations; International Business; Management and Organisations; Marketing) | Steele Building, Room 206 – talk 1 of 2 (repeated in Session 5) |
| Business Management (St Lucia Major: Real Estate and Development) | Steele Building, Room 309 |
| Career Planning and Decision Making (Student Support Services) | Prentice Building, Room 216 – talk 1 of 3 (repeated in Sessions 3 & 5) |
| Education | Social Sciences Building, Room 5402 – talk 1 of 2 (repeated in Session 3) |
| Engineering | UQ Centre Lecture Theatre – talk 1 of 2 (repeated in Session 4) |
| English, Media Studies and Art History | Michie Building, Room 340 |
| Marine Studies | Hawken Engineering Building, Lecture Theatre 3 |
| Occupational Therapy | Parnell Building, Room G77 |
| Pharmacy | Forgan Smith Building, Room E109 |
| Science | Hawken Engineering Building, Lecture Theatre 1 – talk 1 of 3 (repeated in Sessions 2 & 4) |

SESSION 2: 10.45AM – 11.45AM

<p>| Studying at UQ: Mature Age and Alternative Entry Options | Abel Smith Lecture Theatre – talk 1 of 2 (repeated in Session 5) |
| Agriculture (Plants) | Steele Building, Room 309 |
| Architecture | Hawken Engineering Building, Lecture Theatre 2 |
| Asian Languages and Studies | Forgan Smith Building, Conference Interpreting Facility, Room E214 |
| Bachelor of Arts | UQ Centre Lecture Theatre – talk 1 of 2 (repeated in Session 4) |
| Bachelor of Behavioural Studies | Social Sciences Building, Room S402 |
| Bachelor of Commerce/Bachelor of Electronic Commerce/Bachelor of Economics | Steele Building, Room 206 – talk 1 of 2 (repeated in Session 4) |
| Bachelor of Communication | Social Sciences Building, Room S603 – talk 1 of 2 (repeated in Session 4) |
| Bachelor of Social Science | Social Sciences Building, Room S304 – talk 1 of 2 (repeated in Session 4) |
| History, Philosophy, Religion and Classics | Michie Building, Room 641 |
| Journalism – Postgraduate Studies | GP North Building, Room 201 |
| Medicine | Forgan Smith Building, Room E109 – talk 1 of 2 (repeated in Session 4) |
| Molecular Biology and Biotechnology – Postgraduate Coursework Programs | Hawken Engineering Building, Room N202 |
| Music | Zelman Cowen Building, Nickson Room |
| Political Science and International Studies | GP North Building, Room 208 |
| Science | Hawken Engineering Building, Lecture Theatre 1 – talk 2 of 3 (repeated in Sessions 1 &amp; 4) |
| Social Work | Steele Building, Room 329 |
| Speech Pathology | Parnell Building, Room G77 |
| UQ Abroad – The University of Queensland’s Student Exchange Program | Prentice Building, Room 312 |
| Veterinary Sciences and Animal Studies | Hawken Engineering Building, Lecture Theatre 3 |</p>
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<td><strong>Business Management</strong> (Ipswich Majors: Event Management; Hospitality Management; Leisure and Recreation Management; Travel and Tourism Management); <strong>Bachelor of International Hotel and Tourism Management</strong></td>
<td>Steele Building, Room 309</td>
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<td><strong>Career Planning and Decision Making</strong> (Student Support Services)</td>
<td>Prentice Building, Room 216 – talk 2 of 3 (repeated in Sessions 1 &amp; 5)</td>
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<td><strong>Dentistry</strong></td>
<td>Hawken Engineering Building, Lecture Theatre 2</td>
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<td><strong>Education</strong></td>
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<td><strong>Environment</strong> (Management/Science/Tourism)</td>
<td>Hawken Engineering Building, Lecture Theatre 3</td>
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<td><strong>French, German, Russian and Spanish</strong></td>
<td>Forgan Smith Building, Conference Interpreting Facility, Room E214</td>
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<td><strong>Human Movement Studies</strong></td>
<td>Social Sciences Building, Room S304</td>
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<td><strong>Information Technology, Information Environments and Multimedia Design</strong></td>
<td>Hawken Engineering Building, Lecture Theatre 1 – talk 1 of 2 (repeated in Session 5)</td>
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<td><strong>Information for International Students</strong></td>
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<td><strong>Landscape Ecology/Ecology &amp; Evolution/Entomology/Marine Studies</strong> – Postgraduate Coursework Programs</td>
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<td><strong>Law</strong></td>
<td>Abel Smith Lecture Theatre</td>
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<td><strong>Music</strong> – Postgraduate Studies</td>
<td>Zelman Cowen Building, Nickson Room</td>
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<td><strong>Physiotherapy</strong></td>
<td>Parnell Building, Room G77</td>
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<td><strong>Social Science</strong> (Public Relations and Communication) – Postgraduate Studies</td>
<td>GP North Building, Room 201</td>
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<td><strong>Social Work</strong> – Postgraduate Studies</td>
<td>Steele Building, Room 329</td>
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<tr>
<td><strong>Three Ways to Study Psychology</strong></td>
<td>UQ Centre Lecture Theatre – talk 1 of 2 (repeated in Session 5)</td>
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<td><strong>Studying at UQ: Improving Entry Scores, Changing Programs, Transferring to UQ</strong></td>
<td>UQ Centre Lecture Theatre – talk 2 of 2 (repeated in Session 1)</td>
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<td><strong>Agriculture</strong> (Animals)</td>
<td>Steele Building, Room 309</td>
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<td><strong>Audiology Studies, Occupational Therapy Studies, Physiotherapy Studies, Speech Pathology Studies</strong> – Graduate Entry Masters Programs</td>
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<td><strong>Bachelor of Arts</strong></td>
<td>Abel Smith Lecture Theatre – talk 2 of 2 (repeated in Session 2)</td>
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<td><strong>Bachelor of Commerce/Bachelor of Electronic Commerce/Bachelor of Economics</strong></td>
<td>Steele Building, Room 206 – talk 2 of 2 (repeated in Session 2)</td>
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<tr>
<td><strong>Bachelor of Communication</strong></td>
<td>Social Sciences Building, Room S603 – talk 2 of 2 (repeated in Session 2)</td>
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<tr>
<td><strong>Bachelor of Contemporary Studies</strong></td>
<td>Forgan Smith Building, Room E213</td>
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<tr>
<td><strong>Bachelor of Social Science</strong></td>
<td>GP North, Room 208 – talk 2 of 2 (repeated in Session 2)</td>
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<tr>
<td><strong>Biological and Chemical Sciences</strong> – Postgraduate Research Opportunities</td>
<td>Hawken Engineering Building, Room N202</td>
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<td><strong>Education</strong> – Postgraduate Studies</td>
<td>Social Sciences Building, Room S304</td>
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<td><strong>Engineering</strong></td>
<td>Hawken Engineering Building, Lecture Theatre 3 – talk 2 of 2 (repeated in Session 1)</td>
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<td><strong>Food Science</strong></td>
<td>Hawken Engineering Building, Lecture Theatre 2</td>
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<tr>
<td><strong>History, Philosophy, Religion and Classics</strong> – Postgraduate Studies</td>
<td>Michie Building, Room 641</td>
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<tr>
<td><strong>Languages</strong> – Postgraduate Coursework and Research Studies</td>
<td>Forgan Smith Building, Conference Interpreting Facility, Room E214</td>
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<tr>
<td><strong>Medicine</strong></td>
<td>Forgan Smith Building, Room E109 – talk 2 of 2 (repeated in Session 2)</td>
<td>1</td>
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<tr>
<td><strong>Psychology</strong> – Postgraduate Studies</td>
<td>Social Sciences Building, Room S402</td>
<td>24</td>
</tr>
<tr>
<td><strong>Regional and Town Planning</strong></td>
<td>Steele Building, Room 329</td>
<td>3</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>Hawken Engineering Building, Lecture Theatre 1 – talk 3 of 3 (repeated in Sessions 1 &amp; 2)</td>
<td>50</td>
</tr>
<tr>
<td><strong>Social Science</strong> – Postgraduate Studies</td>
<td>GP North Building, Room 201</td>
<td>39A</td>
</tr>
<tr>
<td><strong>Writing, Editing and Publishing</strong> – Postgraduate Studies</td>
<td>Michie Building, Room 542</td>
<td>9</td>
</tr>
</tbody>
</table>
St Lucia

Studying at UQ: Mature Age and Alternative Entry Options

Aboriginal and Torres Strait Islander Studies
Art History
Bachelor of Business Communication
Biotechnology
Business Management (St Lucia Majors: Business Economics; eBusiness; Human Resource Management and Industrial Relations; International Business; Management and Organisations; Marketing)
Career Planning and Decision Making (Student Support Services)
Environment and Culture – Graduate Certificate
Horticulture
Information Technology, Information Environments and Multimedia Design
Journalism
Social Work and Social Policy – Postgraduate Studies
TESOL Studies – Graduate Certificate, Graduate Diploma and Masters
Three Ways to Study Psychology

Abel Smith Lecture Theatre – talk 2 of 2 (repeated in Session 2)
Forgan Smith Building, Room E213
Forgan Smith Tower, Level 4, Room 816
Steele Building, Room 309
Hawken Engineering Building, Lecture Theatre 2
UQ Centre Lecture Theatre – talk 2 of 2 (repeated in Session 1)
Prentice Building, Room 216 – talk 3 of 3 (repeated in Sessions 1 & 3)
Michie Building, Room 530
Hawken Engineering Building, Lecture Theatre 3
Hawken Engineering Building, Lecture Theatre 1 – talk 2 of 2 (repeated in Session 3)
Social Sciences Building, Room S304
Steele Building, Room 329
Michie Building, Room 437
Steele Building, Room 206 – talk 2 of 2 (repeated in Session 3)

Surfing the Cybrary (1 hour sessions) The UQ Cybrary combines both physical space and cyberspace in the delivery of both real and virtual information resources. Come to an introduction to the Cybrary services available to UQ students. These sessions include details on how to access information (including lecture notes, course material and reading lists) on the Web.

TIMES:
12pm, 1pm

Library tours will run for 20–30 minutes and will take place at the following times:

Biological Sciences Library: 11.30am, 12.30pm, 1.30pm
Dorothy Hill Physical Sciences and Engineering Library: 12.30pm, 1.30pm
Law Library: 2.30pm
Social Sciences and Humanities Library: 11.30am, 12.30pm, 1.30pm

Library tours will be held at the following venues:

Library Foyer, Biological Sciences Library
Library Foyer, Dorothy Hill Physical Sciences and Engineering Library
Library Foyer, Hawken Engineering Building
Library Foyer, Ground Floor, Western Wing, Forgan Smith Building
Library Foyer, 1st Level, Duhig Building

MUSEUMS ON CAMPUS: Open 9am – 4pm

University Art Museum (open 10am – 4pm)
Anatomy Museum
Anthropology Museum
Antiquities Museum
Earth Sciences Museum
Physics Museum (open 10am – 3pm)
Zoology Museum

Forgan Smith Tower, 5th Level
Otto Hirschfeld Building, 3rd Level
Michie Building, 2nd Level
Michie Building, 7th Level
Steele Building
Parnell Building, Ground Floor
Goddard Building, 2nd Level

CAMPUS TOURS
Tour the grounds, see the sights and stop in at the residential colleges on one of the free UQ Campus Bus Tours. Buses depart from outside the David Theile Pool (on Blair Drive) every 15 minutes. (Tours take approximately 30 minutes.) TIMES: 9.30am – 3.30pm

For something more energetic, take part in one of the Walking Tours:

• Find out about the history of the UQ campus on the UQ Walking Tours leaving from the Information Tent in the Great Court on the hour. (Tours take approximately 45 minutes.) TIMES: 10am – 3pm
• See the world-class sporting facilities on campus on the UQ SPORT Tour leaving from the Reception Area of the UQ Sport and Fitness Centre (opposite the UQ Centre on Union Road). (Tours take approximately 30 mins.) TIMES: 11am, 1pm

Library tours will be held at the following venues:

Social Sciences and Humanities Library, Library Conference Room, Level 1, Duhig Building

MUSEUMS ON CAMPUS: Open 9am – 4pm

University Art Museum (open 10am – 4pm)
Anatomy Museum
Anthropology Museum
Antiquities Museum
Earth Sciences Museum
Physics Museum (open 10am – 3pm)
Zoology Museum

Forgan Smith Tower, 5th Level
Otto Hirschfeld Building, 3rd Level
Michie Building, 2nd Level
Michie Building, 7th Level
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ACTIVITIES AROUND CAMPUS

Visit the **Robotics Demonstration**, coordinated by the School of **Information Technology and Electrical Engineering**, and find out how you can build your own robot. This demonstration will show robots in action and display the latest in robotics education. **TIMES:** 10.45am, 12pm, 1.15pm, 2.30pm, 3.45pm

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Take a tour of the **UQ Veterinary School Small Animal Clinic and Hospital** and view the facilities used by UQ students in our world-class Veterinary Science programs. **TIMES:** 10am – 4pm

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</table>

Discover the new career opportunities available for chemical engineers in areas like biomedical engineering and nanotechnology at the Division of **Chemical Engineering** displays and demonstrations. Find out about the workings of a distillation column and a granulation plant and taste the samples from our fluidised bed popcorn demonstration. **TIMES:** 9am – 4pm

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<tr>
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<td>Chemical 74</td>
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</table>

Visit the Division of **Mining and Minerals Process Engineering** and find out about the wide range of exciting career opportunities and examples of advanced technologies employed in the modern minerals industry. **TIMES:** 9am – 4pm

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<td>Frank 43</td>
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</table>

Discover exciting career opportunities in manufacturing, energy, space, automotive and transport industries by visiting the Division of **Mechanical Engineering**. See demonstrations of satellite defence systems developed by second year mechatronic engineering students. Observe a team of mechanical engineering students building a Formula 1 racing car. **TIMES:** 9am – 4pm

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</table>

Take a tour of the School of **Journalism and Communication**'s newsrooms, editing suites and broadcast studios. While there, read the news on air, get in front of a TV camera or layout a newspaper page on multimedia computers. **TIMES:** 3.30pm, 4pm

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<th>VENUE</th>
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<td></td>
<td>Meet outside Room S304 in the Social Sciences Building 24</td>
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</table>

Visit **Civil Engineering** and walk through the wind tunnel to see the CBD during a wind-storm; observe materials like steel and concrete tested to destruction; see water rockets and observe water defy gravity; take a full depth view of waves to see how beaches are made and lost; and find out more about careers in building the world of tomorrow. **TIMES:** 9am – 4pm

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<td>Civil 48</td>
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Find out about the world of contemporary architecture at the **Architecture** display. An exhibition of student project work will give you a feel for the creative process of design at all levels of the architecture program. **TIMES:** 10am – 4pm

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<td>Zelman 51</td>
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</table>

See a demonstration of some of the experimental techniques, including interactive software, that are used in psychological research in the **Psychology** Computer Lab. **TIMES:** 1pm – 4pm

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<td>McElwain 24A</td>
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</table>

Find out about the science of speech and sound at the **Phonetics** Laboratory and see a demonstration of the equipment used by phonetic scientists. **TIMES:** 11am – 2pm

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<td>Michie 9</td>
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</table>

Be in the audience when members of the **Queensland Shakespeare Ensemble** perform scenes from Shakespeare. **TIMES:** 10am, 12pm, 2pm

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<tr>
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<td>Chamberlain 35</td>
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</table>

Test your knowledge of books and writers at the Literature Factorama presented by the School of **English, Media Studies and Art History**. **TIMES:** 10.30am – 2.30pm

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<td>Michie 9</td>
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</table>

**Australia as a Global Laboratory** – Associate Professor David Carter, Director of the **Australian Studies Centre** will give a talk on why the study of Australian culture is important. **TIMES:** 2pm – 2.30pm

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<td>Michie 9</td>
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</table>

For TV addicts and non-addicts alike: Dr. Alan McKee will give a presentation with videos, entitled **Television is the High Point of Western Civilisation** in the School of **English, Media Studies and Art History**. **TIMES:** 2.30pm – 3pm

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<td>Michie 9</td>
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</table>

Visit the offices of the **Aboriginal and Torres Strait Islander Studies Unit** and meet with students engaged in that field of study. **TIMES:** 11am – 1pm

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<td>Gordon 32</td>
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Visit a world invisible to the naked eye at the Centre for **Microscopy and Microanalysis**. **TIMES:** 9am – 4pm

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</table>

Visit our very own **Information Environment** – multimedia, people-oriented IT, play an immersive interactive 3D multiplayer game, and get your own FREE digital photomontage. **TIMES:** 9am – 4pm

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</table>

Take a tour of the **Student Support Services** Careers Resource Centre and view the resources available to students seeking assistance with Career Decision-Making and Graduate Employment. (Tours take approximately 30 mins.) **TIMES:** 11am, 12pm, 1.30pm, 2.30pm

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<th>VENUE</th>
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<td>Student 21</td>
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</table>

FOOD
A wide variety of food will be available throughout the day from the following:

- **Food Court:**
  - 9am – 4pm
  - Grass Oval behind UQ Centre

- **Tanja’s Café**
  - 8am – 5pm
  - Duhig Tower (located off the Great Court)

- **Wordsmiths – The Writers Café**
  - 8am – 5pm
  - Next to the UQ Bookshop

- **Main Refectory**
  - 10am – 3pm
  - Student Union Complex

- **The Noodle Bar and The Ice Creamery**
  - 10am – 3pm
  - Student Union Complex

- **The Red Room Student Bar**
  - 12pm – late
  - Student Union Complex

- **Pizza Caffe**
  - 4pm – 7.30pm
  - Student Union Complex
## GETTING THERE

The UQ Ipswich campus is located in Salisbury Road Ipswich, only 40 minutes drive west of Brisbane.

**UBD REF: MAP 233 D1**

You can find out more by contacting the UQ Ipswich Student Centre on (07) 3381 1011 or ipswichstudentcentre@mailbox.uq.edu.au

### PROGRAMS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>ACTIVITY</th>
<th>TIME</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Behavioural Studies</strong></td>
<td>Program presentation – Jobs, Sex and Rock and Roll</td>
<td>Half-hourly sessions at 10.30am, 11.30am, 12.30pm</td>
<td>Room 202, Bldg 14</td>
</tr>
<tr>
<td></td>
<td>Mini Lecture – Understanding “bloke”</td>
<td>10am</td>
<td>Room 202, Bldg 14</td>
</tr>
<tr>
<td></td>
<td>Mini Lecture – Measuring Human Behaviour – How Do You Score?</td>
<td>12pm</td>
<td>Room 202, Bldg 14</td>
</tr>
<tr>
<td></td>
<td>Mini Lecture – Profiling Criminology: What are the crimes? Who are the criminals?</td>
<td>1pm</td>
<td>Room 202, Bldg 14</td>
</tr>
<tr>
<td></td>
<td>Information Booth/Academic Advice</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td><strong>Business Communication</strong></td>
<td>Program presentation – Whip Me, Beat Me, Eat Me</td>
<td>Half-hourly sessions at 10.30am, 12pm</td>
<td>Room 112, Bldg 12</td>
</tr>
<tr>
<td></td>
<td>Workshop – Death By Chocolate!</td>
<td>Half-hourly sessions at 11am, 12.30pm, 1.30pm</td>
<td>Room 112, Bldg 12</td>
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<td></td>
<td>Information Booth (UQ Business School)</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td></td>
<td>Academic Advice</td>
<td>All day</td>
<td>Reception area, Level 2, Bldg 12</td>
</tr>
<tr>
<td><strong>Business Management</strong></td>
<td>School of Tourism &amp; Leisure Management</td>
<td>Half-hourly sessions at 11.30am, 1pm</td>
<td>Room 116, Bldg 12</td>
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<tr>
<td></td>
<td>Program presentation – First the dream – now explore the reality!</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td></td>
<td>Information Booth (UQ Business School)</td>
<td>All day</td>
<td>Reception area, Level 2, Bldg 12</td>
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<td>Academic Advice</td>
<td>All day</td>
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<tr>
<td><strong>Community Service &amp; Research Centre</strong></td>
<td>Information Booth</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td><strong>Contemporary Studies</strong></td>
<td>Program presentation – What is Contemporary Studies?</td>
<td>Half hourly sessions at 11am, 12.30pm</td>
<td>Room 101, Bldg 18</td>
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<td></td>
<td>FREE Native Tree Giveaway</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td></td>
<td>Courses &amp; Careers With Contemporary Studies/Information Booth</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td>Program presentation – Education UQ: Transforming Teaching</td>
<td>Half hourly sessions at 11am, 12pm, 1pm</td>
<td>Room 102, Bldg 19</td>
</tr>
<tr>
<td></td>
<td>Mini Lecture – In the Middle – Issues for the Middle Years</td>
<td>Half hourly sessions at 11.30am, 12.30pm</td>
<td>Room 102, Bldg 19</td>
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<td></td>
<td>Information Booth/Academic Advice</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td><strong>Electronic Commerce</strong></td>
<td>Program presentation – Byte Me – a Commerce Degree with Teeth</td>
<td>Half-hourly sessions at 11am, 12.30pm</td>
<td>Room 117, Bldg 12</td>
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<tr>
<td></td>
<td>Internet Learning With a Difference – Web Course Tools Sessions</td>
<td>Half-hourly sessions at 11.30am, 1pm</td>
<td>Room 210, Bldg 12</td>
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<td></td>
<td>Information Booth (UQ Business School)</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td></td>
<td>Academic Advice</td>
<td>All day</td>
<td>Reception area, Level 2, Bldg 12</td>
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<tr>
<td></td>
<td>Internet Quiz – Why type when you can talk? Win a speech dictation program! Quiz available from Information Booth</td>
<td>All day</td>
<td>Self Directed Learning Centre, Level 3, Bldg 12</td>
</tr>
<tr>
<td>PROGRAM</td>
<td>ACTIVITY</td>
<td>TIME</td>
<td>LOCATION</td>
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<tr>
<td>Information Environments</td>
<td>Program presentation – “Intelligent” environments – What are Information Environments?</td>
<td>11am</td>
<td>Room 117, Bldg 12</td>
</tr>
<tr>
<td></td>
<td>Information Booth/Academic Advice</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td></td>
<td>Multimedia fun: Visit our very own information environment – multimedia, people-oriented IT, play an immersive interactive 3D multiplayer game, and get your own FREE digital photomontage.</td>
<td>All day</td>
<td>Rooms 210 &amp; 224, Level 2, Bldg 1</td>
</tr>
<tr>
<td>Multimedia Design</td>
<td>Program presentation – Multi-skilled Designers – The new Bachelor of Multimedia Design</td>
<td>12pm</td>
<td>Room 117, Bldg 12</td>
</tr>
<tr>
<td></td>
<td>Information Booth/Academic Advice</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td></td>
<td>Multimedia fun: Visit our very own information environment – multimedia, people-oriented IT, play an immersive interactive 3D multiplayer game, and get your own FREE digital photomontage.</td>
<td>All day</td>
<td>Rooms 210 &amp; 224, Level 2, Bldg 1</td>
</tr>
<tr>
<td>Social Science</td>
<td>Program presentation – Study PR at UQI</td>
<td>Half-hourly sessions at 10am, 11am, 12.30pm, 1.30pm</td>
<td>Room 101, Bldg 19</td>
</tr>
<tr>
<td></td>
<td>Mini Lecture – Just when you thought it was safe to go back in the water: how communication professionals manage a crisis</td>
<td>Half-hourly sessions at 10.30am, 11.30am</td>
<td>Room 101, Bldg 19</td>
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<tr>
<td></td>
<td>Information Booth/Academic Advice</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
</tr>
<tr>
<td>Library</td>
<td>Library Tours</td>
<td>Half hourly from 10am</td>
<td>Bldg 1, Level 3</td>
</tr>
<tr>
<td></td>
<td>Information Booth</td>
<td>All day</td>
<td>Foyer of Bldg 12</td>
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<tr>
<td></td>
<td>How easy is this: Finding your family on the Web ...for beginners</td>
<td>11.30am</td>
<td>Library Training Room, Level 3, Bldg 1</td>
</tr>
<tr>
<td></td>
<td>How easy is this: Finding out about the Government on the Web.</td>
<td>12pm</td>
<td>Library Training Room, Level 3, Bldg 1</td>
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<td></td>
<td>Eeek! It's a mouse! A computer session for absolute first-timers.</td>
<td>10am, 1pm</td>
<td>Library Training Room, Level 3, Bldg 1</td>
</tr>
<tr>
<td>Self Directed Learning Centre</td>
<td>Electronic and Sensory Activities</td>
<td>All day</td>
<td>Level 3, Bldg 12</td>
</tr>
<tr>
<td>Admission to UQ</td>
<td>Our trained Admissions staff will help you learn more about improving entry scores, changing programs and transferring to UQ.</td>
<td>11am</td>
<td>Room 116, Bldg 12</td>
</tr>
<tr>
<td>Mature Age Students &amp; Admission to UQ</td>
<td>Our trained Admissions staff will offer information regarding mature age entry and alternative entry options.</td>
<td>12pm</td>
<td>Room 116, Bldg 12</td>
</tr>
<tr>
<td>Campus Tours</td>
<td>UQ Ipswich Exposed: Let our UQ Ipswich student guides take you on a comprehensive tour of the Ipswich Campus – learn more about our history and state-of-the-art facilities.</td>
<td>Half hourly tours from 10.30am to 1.30pm</td>
<td>Departing UQ Ipswich bus stop</td>
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</tbody>
</table>

PLUS UQ SPORT demonstrations, competitions, free rides and activities for children, community stalls and markets, food, music, entertainment and much, much more! For details, contact the Ipswich Student Centre on (07) 3381 1011.
<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY</th>
<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>9.30am</td>
<td><strong>Animal Studies</strong></td>
<td>Lecture Theatre, Building 8150</td>
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<tr>
<td></td>
<td>Campus bus tour departs</td>
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<td></td>
<td>Train departs for tour of dairy</td>
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<td></td>
<td>Equestrian Events</td>
<td>The horse arena</td>
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<tr>
<td></td>
<td>Halls of Residence Tour</td>
<td>Departs from display in main marquee</td>
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<tr>
<td>10.30am</td>
<td><strong>Environmental Studies</strong></td>
<td>Lecture Theatre, Building 8117</td>
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<tr>
<td></td>
<td>Library Tour</td>
<td>Library</td>
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<tr>
<td></td>
<td>Train departs for tour of plant nursery</td>
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<tr>
<td></td>
<td>Equestrian Events</td>
<td>The horse arena</td>
</tr>
<tr>
<td></td>
<td>Halls of Residence Tour</td>
<td>Departs from display in main marquee</td>
</tr>
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<td>11am</td>
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ELECTION TO THE ACADEMIC BOARD
Professors and Non-Professors

Elections will be held to appoint members to the Academic Board as follows:

By and from the professors of the University:

- 7 for 2003 – 2005
- 2 for 2003 only

Nomination Date: 4pm Tuesday, 3 September 2002
Election Date: 9am Wednesday, 9 October 2002

By and from the non-professorial teaching and research staff of the University:

- 7 for 2003 – 2005
- 1 for 2003 – 2004
- 1 for 2003 only

Nomination Date: 4pm Tuesday, 3 September 2002
Election Date: 9am Wednesday, 9 October 2002

Any person entitled to vote for any of the classes of elected members to be appointed to the Academic Board is entitled to nominate a professorial or a non-professorial candidate. Nomination forms will be available from Tina Ferguson, Academic Information and Handbooks Office (ext. 53360).

Voting will be by postal ballot.
Nomination forms and ballot papers must be received at the Academic Information and Handbooks Office, Level 6, J D Story Building, by the nomination and election dates shown above.

Douglas Porter
Secretary and Registrar

ELECTION TO THE ACADEMIC BOARD
Student Members

Elections will be held to appoint student members of the Academic Board for 2003 as follows:

- 3 Undergraduate Students
- 1 Postgraduate Research Student
- 1 Postgraduate Non-Research Student

Nomination Date: 12 noon Friday, 23 August 2002

Any person entitled to vote for any of the classes of elected members to be appointed to the Academic Board is entitled to nominate a student candidate. Nomination forms will be available from the University of Queensland Union from 22 July 2002.

Nomination forms must be received at the Academic Information and Handbooks Office, Level 6, J D Story Building, by 12 noon on Friday, 23 August 2002.

Voting will take place in conjunction with University of Queensland Union elections.

Ballots will be counted on Wednesday, 23 October 2002.

Douglas Porter
Secretary and Registrar
The Federation of Australasian Philosophy for Children Association (FAPCA) has made a call for papers for its 12th annual Philosophy in Schools conference. The conference will bring together academics, teachers, researchers, administrators, students and interested community members from all fields of education and related areas to find ways to support effective classroom practices within the current climate of educational change and innovation. Submissions must be 250 words or less, be lodged by Friday, August 30 and focus on children in democratic classrooms, learning communities, new pedagogies, or curriculum design for lifelong learning. The conference will be held on 3365 2619 or email conorg1@optushome.com.au

**MEDICINE**

2002 School of Medicine Curriculum Conference: August 28: Riverglenn, Indooroopilly

Entitled Core Clinical Rotations in the MBBS Program: Building on Strengths, the conference will review developments in years three and four of the Bachelor of Medicine/Surgery degree, with the aim of sharing developments across disciplines and building on the strengths that have emerged over the past three years. Progress reports regarding the Rural and Brunei Clinical Divisions will also be presented. Registration closes on Friday, August 16.

Information: 07 3365 5391, j.williamson@uq.edu.au, www.som.uq.edu.au

**INTERDISCIPLINARY**

Environment, Culture and Community: held July 2-5, St Lucia and UQ Ipswich campuses

The Faculty of Arts recently hosted an international conference on environmental issues regarding the humanities and creative arts. UQ’s Contemporary Studies Program hosted sessions on environmental issues in contemporary science and an associated Asia Pacific Forum on Environmental Education organised by Dr Kumi Kato from UQ’s School of Languages and Comparative Cultural Studies contributed to the strong cross-cultural nature of the conference.

Event organisers said the conference laid the groundwork for the establishment of an Australian division of the Association for the Study of Literature and the Environment.

**In Progress? An Interdisciplinary Postgraduate Conference:**

October 4-6, UQ St Lucia campus

The Work in Progress (WIP) conference by UQ’s School of English, Media Studies and Art History is an annual interdisciplinary conference for postgraduate students in the humanities and social sciences.

Submissions are invited for papers of 20 minutes duration that address in any way the topic of progress. Abstracts of approximately 200 words should be forwarded electronically by Wednesday, July 31.

Information: 07 3365 3145, wip@uq.edu.au, www.emsah.uq.edu.au/wip

**PSYCHIATRY**

Triennial conference: September 12-14, Cairns International Hotel, Cairns

Setting Strategic Directions in Mental Health Policy and Practice: The Challenge of Understanding and Addressing the Social Determinants is organised by the Section of Social and Cultural Psychiatric of the Royal Australian and New Zealand College of Psychiatrists.

It will focus on theoretical debates and evidence-based inter-ventions in the area of health inequal-ities and the social determinants of health. Particular focus will be placed on indigenous populations, rural and remote communities, and people from culturally and linguistically diverse backgrounds.

The conference will be held in association with UQ, represented by Dr Alan Lopez and Associate Professor Robert Bush, School of Population Health, and Dr Harvey Whiteford and Professor Graham Martin, Department of Psychiatry.

Early-bird registrations close Friday, August 30.

Information: 03 9509 7121, conorg1@optushome.com.au

**Rhodes Scholarship for study at the University of Oxford**

www.uq.edu.au/rhodesscholarship

(Closing Date 2 September 2002)

Applications are invited from women and men aged between 19 and 25 for the Queensland Rhodes Scholarship for 2003.

Information seminars will be held at The University of Queensland on 18 July and 31 July, Bond University on 19 July, Griffith University on 23 July and QUT on 30 July 2002. Details of dates and venues are available by telephoning (07) 3365-1310 during office hours.

Information about the Scholarship and application forms can be obtained from Mr D Porter, Honorary Secretary, Queensland Rhodes Scholarship Selection Committee, The University of Queensland, Qld 4072.
Australian art gets brush-up

Pre-schoolers are providing a different perspective on some major works of art.

Small really is beautiful when contemporary Australian artists are interpreted by “little people” as part of an upcoming UQ Art Museum–Campus Kindy Art show.

Running from Saturday, August 17, until Sunday, September 22, Big Art – small viewer will feature children’s interpretations of eight works from nine major Australian artists.

Over the past few months, small groups of children from Campus Kindergarten have been attending workshops at the University Art Museum to view and begin preparing their own water paint, collage or pastel versions of eight works, ranging from photographs to oil paintings to installations.

The “grown-up” artists are: Melinda Harper; Rosella Namok; William Yang; Rosalie Gascoigne; Michael Nelson; Jagamara; Michael Eather; Ruth Waller; and Colin Lanceley.

Their works were selected by Art Museum Exhibitions Officer Peter Liddy, Campus Kindergarten Director Megan Gibson and Pre-School Teacher Nadine McAllister, as among those most likely to appeal to the children from more than 2000 works in the University’s collection.

The children’s art works will be displayed with the “grown-up” artists’ works and accompanying documented material about the project.

“This is a University community-based project that portrays children as rich and competent artists and individuals,” Ms Gibson said.

The exhibition will be opened by Michael Beckmann, Acting Head of Education and Regional Services, Queensland Art Gallery, in UQ’s Great Court, on Saturday, August 17, at 2pm.

Gemma at work during one of the workshops. PHOTO: CHRIS STACEY
As a researcher at UQ’s Institute for Molecular Bioscience, Associate Professor Melissa Little is seeking a cure for kidney cancer in children.

What is your dream destination?
Earth.

Name a book that changed the way you see the world?
The God of Small Things.

What is your most unusual talent?
My kids would say my forte is birthday cakes. I think my most notable talent is “juggling” (multi-tasking).

Describe your most embarrassing moment.
Trying to take a quick, clandestine bath in a Himalayan stream only to realise that an entire village was watching me.

Do you have pets?
Two guinea pigs and three ponds full of fish.

What’s best about Brisbane?
The wildlife and the weather.

Who lives with you?
My husband, Mahlon, and my two kids, Celeste (8) and Nathaniel (5).

What’s your favourite film?
Romeo and Juliet (the Baz Luhrmann version) and Delicatessen.

Have you ever had a brush with fame?
I’ve dined with Sir Gustav Nossal, fainted in the arms of Professor John Funder and shared many chats with Professor Fiona Stanley, all heroes of Australian science.

When you cook, what’s your speciality?
Biology is basically just cooking, so I’m pretty good at improvisation. I like doing dinner parties at late notice with whatever seasonal ingredients I can lay my hands on.

Name a person who inspires you.
Nelson Mandela.

What book are you reading at the moment?
Fermat’s Last Theorem by Simon Singh.

What’s the longest time you’ve been away from Australia?
Almost three years.

Where and why?
Scotland, UK. I was a Royal Society Endeavour Fellow at the MRC Human Genetics Unit in Edinburgh.

What makes you mad?
Ignorance. Racism. Separatism. When my kids don’t listen to me.

Describe your worst travel experience.
Tricky. Morocco was stressful, but exciting. Getting snowbound trying to get from London to Edinburgh by train and having to sleep the night on the cement platform at sub-zero temperatures wasn’t fun. But getting Shigella enteritis in Egypt and having to barter with the “doctor” in a semi-conscious state in the middle of the night in a room in Luxor was probably the nadir.

When you’re not at work, what do you like to do?
Sing. Laugh. Play with my kids. Eat and drink good food and wine.

Who is your favourite singer/band?
I have wide and eclectic taste in music, but prefer balladeers to head-banging. I think Kristina Olssen and Casey Chambers are great, but it is hard to beat Sweet Honey in the Rock.

Describe your greatest moment of victory (or achievement)?
The birth of my children, particularly Celeste. This was made more exciting by travelling to Melbourne when she was a week old to receive an AMRAD postdoctoral award at the very male-dominated Australia Club. I made history by breastfeeding in the foyer.

What made you come to UQ?
I spent most of my earlier life aspiring to leave Brisbane and go overseas. Having travelled quite extensively, I realised that Brisbane is a pretty good place to live, especially if you have a family to raise.

Research week
The inaugural UQ Research Week will be held from Monday, September 23, culminating in one of the University’s flagship events, the UQ Foundation Research Excellence Award ceremony on Thursday, September 26.

Other activities will include a high-profile public lecture and the release of UQ’s 2002 Research Report.

Deputy Vice-Chancellor (Research) Professor David Siddle said the event focused attention on the University’s considerable research strengths.

Alumnus of the Year
Applications are open for the 2002 University of Queensland Alumnus of the Year Award. Nominees must be graduates aged 35 or younger who have made an outstanding contribution to public and professional life, business, science or the arts. Two new category winners will also be chosen – the International Alumnus of the Year and the Young Alumnus of the Year.

Application forms and tickets to the awards ceremony are available from Keiran Hargreaves on 07 3346 3924.
Were large dinosaurs hot-blooded or cold-blooded? The topic is examined in a new book, edited by UQ researchers.

Professor Gordon Grigg and colleagues in the School of Life Sciences conducted an Australian Research Council-funded project looking at the implication of large size on body temperature in reptiles.

The work features in a new book, *Crocodilian Biology and Evolution*, edited by Professor Grigg, Dr Frank Seebacher and Dr Craig Franklin (Surrey Beatty and Sons, Sydney).

Because there are no extant dinosaurs to provide answers about their body temperatures, the researchers looked at their closest living relatives, large estuarine or saltwater crocodiles, as models for their thermal relations.

Using radiotelemetry and biophysical modeling, Professor Grigg, Dr Seebacher and Lyn Beard studied 30 crocodiles weighing from several kilograms to a tonne. They discovered that the larger the crocodile, the more stable the temperatures.

However, these could still vary from season to season. The average body temperature tended to be warmer as the size of the reptile increased, but the scientists were confident crocodiles were without metabolic heat production, such as in birds and animals.

“The work has shown that very large reptiles could have had a warm and stable body temperature throughout the year, and at quite high latitudes, without having a high metabolism,” Professor Grigg said.

The book contains the proceedings of an international scientific conference on crocodiles held at UQ in 1998.

Thirty-five of the papers presented at the conference led to manuscripts accepted for this volume.

Topics ranged from crocodilian palaeobiology and phylogenetics to physiology and ecology.

UQ has been a focal point for research on the Australian estuarine crocodile for the past 15 years and this provided the stimulus for the conference.

**New Releases**

**Alex Jackson: SWA** by Pat Flynn (paperback, $14.95)

A humorous novel about skateboarding, romance and growing up. SWA is a sequel to the very popular *Alex Jackson: Grommet*. Author Pat Flynn, a former professional tennis player and coach, is a teacher on Queensland’s Sunshine Coast.

**The Building of Brisbane 1828-1940** by William Job (paperback, $45)

This is an elegant guidebook to the visual museum that is to be found on Brisbane city streets.

More than 300 sketches and details of churches, hotels, government and commercial buildings, many drawn by the author, illustrate the heritage buildings that still stand.

In addition it is a valuable listing of Queensland’s architectural practitioners from the colonial period to the onset of World War II.

**Australian Short Fiction: A History** by Bruce Bennett (paperback, $30)

In this first extended study of Australian short fiction, the author adopts Christina Stead’s metaphor of an “ocean of story” to suggest the universality of storytelling and the marks it leaves for posterity. It also stresses the range and depth of the short prose narrative in Australia.

**Attuned to Midnight: The Poetry of Bruce Dawe** by Dennis Haskell (paperback, $30)

Dennis Haskell, a poet, literary critic, editor and professor, offers an insightful exploration of all of Dawe’s poetry from his first publication in 1954 to 2001.

**Valuing Fisheries – An Economic Framework** edited by Tor Hundloe (paperback, $45)

In simple terms, the book examine-s the principles, methods and steps needed so access to fishery resources is based on economic principles.

It discusses dividing the right to catch fish between commercial and recreational fishers, achieving a balance between marine conservation and fishing, and handling fishing rights of indigenous and non-indigenous people.
Innovative debate

Tickets are available for the Innovators@UQ Great Debate at Brisbane’s Customs House on Tuesday, August 6 at 8.30pm.

It is entitled Is Trading in University Sponsored Intellectual Property Tantamount to Theft?.

Rodney Marks from Speaker Solutions will moderate the arguments presented by Professor Peter Andrews (Institute for Molecular Bioscience), Steve Copplin (iLab) and James Fisher (UQ Debating Society) on the affirmative team and Professor Hugh Possingham (The Ecology Centre), David Israel (UniQuest/Arts Faculty) and Quentin Cregan (UQ Debating Society) for the negative.

The event is sponsored by UniQuest.

Information: 07 3365 6091, www.innovatorsatuq.net/events

In-vitro pioneer speaks

The pioneer of human in-vitro fertilisation (IVF) will present the 2002 E.S. Meyers Memorial Lecture on Thursday, August 29 at 7pm in Mayne Hall.

Internationally recognised Professor Alan Trounson will discuss Embryos and Embryonic Stem Cells: Creating New Medical Directions.

Professor Trounson is the Director of Monash University’s Institute of Reproduction and Development and a Professor of Obstetrics and Gynaecology/ Paediatrics. His present research interests are focused on human embryonic stem cells.

The free annual lecture honours one of the founding fathers of the UQ School of Medicine, Professor Errol Solomon Meyers, and is presented by the UQ Medical Society.

Information: 07 3365 5261, uqmedsoc@student.uq.edu.au

Service key to new role

by Moya Pennell

A highly-experienced manager heads a client-focused division of the University.

L inda Bird has been appointed Director of Student and Administrative Services Division (SASD) and Secretary of the Academic Board.

Ms Bird was formerly Director of Academic Administrative Support and recently completed a 15-month secondment as Acting Director of the International Education Directorate.

She has worked extensively in faculties, departments and Central Administration, and has a broad generalist background with particular skills in management and teamwork.

SASD is a client-focused operation supporting academic staff, students and central administrative services. It includes Student Administration, Academic Administrative Support, the Accommodation Unit, Chaplaincy Services, Health Service, Student Support Services and the UQ Ipswich Manager’s Office.

“SASD has a very broad role in helping faculties and schools to deliver the best-possible services to students,” Ms Bird said.

“We’re interested in everything related to their academic progress, from admission through to graduation.”

Doing that efficiently and effectively required best-practice policies and strong, central corporate systems, she said.

This included sophisticated electronic systems for fast sharing of information, so that faculties, schools and administrative divisions could share responsibility for activities like business transactions, exam and class timetabling.

“The aim is a seamless service to students. And to achieve that, we need to optimise resources in a tight budgeting environment,” Ms Bird said.

Brain research aided

The fight against brain cancer was further boosted last month with the awarding of the John Trivett Research Fellowship bursary to UQ researcher Dr Tammy Ellis to continue her work from the IMB with the University’s School of Medicine.

The $500,000 bursary will assist Dr Ellis in her research efforts to better understand the development of primary brain tumours and possibly lead to improved treatment regimes for patients and an increased survival rate.

Dr Ellis will work in close collaboration with researchers at Brisbane’s Princess Alexandra Hospital and Canada’s Arthur and Sonia Labatt Brain Tumour Research Centre at the Hospital for Sick Children, bringing together leading edge scientific and clinical research expertise to understand the formation of brain tumours.

Dr Ellis said the biochemical pathway called Sonic Hedgehog was pivotal to the development of a number of cancer types.

“Specifically, my research is investigating which genes and proteins influence the Sonic Hedgehog pathway and how disruptions to this pathway may lead to tumours,” Dr Ellis said.

The John Trivett Foundation for research into the causes of primary brain tumours was established in 1998 to commemorate and continue the philanthropy of John Trivett, the founder of Trivett Companies including Brisbane BMW.
On Campus

Concerts, special lectures and seminars, University events of general interest and information about visiting academics and dignitaries is published in this section. Entries, including date, time, department/section and details of the event or visitors, along with a contact name and telephone number, should be emailed to j.vanzeeland@uq.edu.au

SEMINARS

L Thursday, August 8
Centre for Critical and Cultural Studies, The Sex Life of Collaboration: Wartime France, Korea and Japan, Prof John Treat, Yale University (2pm, Conference Room, Social Sciences and Humanities Library).

L Friday, August 9
School of Biomedical Sciences, Introns and Noncoding RNAs – the Hidden Layer of Biological Complexity, Prof John Matthick (1pm, Room 305, Skerman Bldg).
School of Psychology, tba, Prof Pat Noller (3.30pm, Room 302, McElwain Psychology Bldg).

L Sunday, August 11
Friends of Antiquity, Items from the Antiquities Museum and Ancient Faces from the Fayum, Dr Sonia Puttock and A/Prof John Whitehouse respectively (2pm and 2.30pm, Room 816, Michie Bldg).

L Thursday, August 15
School of Journalism and Communication, Impact of New Technologies on Social and Economic Development of Asian, Pacific and African Nations, Dr Levit Obijiofor (3pm, Seminar Room 1, Journalism Annex).
Centre for Critical and Cultural Studies, From “Sandy Gallop” to “The Belles of St Mary’s”: Community Theatre as a Tool for Exploring Social History, A/Prof Sue Rader (UQ Ipswich). For details, telephone 3365 7182.

L Friday, August 16
School of Biomedical Sciences, Turning Off Stress: New Insight Into the Regulation of Endocrine Stress Responses by the Prefrontal Cortex, James Crane (1pm, Room 305, Skerman Bldg).
School of Political Science and International Studies, What Have We Done Wrong? The Responsibilities of the Rich, Dr Geoff Dow (3pm, Room 537, GPN3 Bldg).
UQ Business School, Socrates, Strategy and Structural Modelling, Prof Brian Boyd, Arizona State University (12 noon, Kathleen Room, UQ Staff and Graduates Club).

L Tuesday, August 20
Australasian Centre on Ageing, Quality of Life: Is it all in the Mind?, A/Prof Gerard Byrne (Royal on the Park, cnr Alice and Albert St). For details, telephone 07 3346 9084.

L Friday, August 23
School of Biomedical Sciences, Post-transcriptional Regulation of the GLI1 Oncogene and its Contribution to Oncogenesis, Dr Joe Rothnagel (1pm, Room 305, Skerman Bldg).
School of Psychology, tba, Prof Philippa Pattison, University of Melbourne (3.30pm, Room 302, McElwain Psychology Bldg).
Australasian Centre on Ageing, Ageing in the Asia-Pacific: Developing Key Partnerships for Policy and Research (Customs House, 399 Queen St). For details, telephone 07 3346 9084.

L Friday, August 30
School of Biomedical Sciences, Stem Cell Plasticity: There is No Truth, Only Interpretations, Prof Paul Simmons, Peter MacCallum Cancer Institute, Melbourne (1pm, Room 305, Skerman Bldg).
School of Political Science and International Studies, The Limits of Rational Choice: New Institutionalism in the Text Bed of Central Banking Policy in Australia, A/Prof Stephen Bell (3pm, Room 537, GPN3 Bldg).

EXHIBITIONS

L Thursday, August 3
University Art Museum, Eugene Caracheo until August 3 (Level 5, Forgan Smith Tower).


OTHER EVENTS

L Sunday, August 4
UQ Study Expo and Open Day 2002: Find out all you need to know about study at UQ (9am-4pm). UQ Centre, St Lucia.

L Saturday, August 10
Graduates of 50 or more years’ standing luncheon: Featuring Prof Helen Bartlett, Director of the Australasian Centre on Ageing (11.30am, UQ Staff and Graduates Club). For details, telephone 07 3346 3924.

L Sunday, August 18
UQ Ipswich Open Day 2002: Find out about the impressive variety of programs at UQ Ipswich (10am-2pm).

L Sunday, August 25
UQ Gatton Open Day 2002: Find out about the impressive variety of programs at UQ Gatton (9.30am-3pm).

L Friday, August 30
Degrees of Success Lunch: cosmetic surgeon Hugh Bartholomaeus (Links Room, St Lucia Golf Club). For details, telephone 07 3346 3924.

CLASSIFIEDS

HOUSE-SITTING

L Family of four, pets, garden ok. West sub pref. Linda: 3365 2637, l.buckham@uq.edu.au

WANTED TO RENT

“Can I do further study?”

You can.

Discover your postgraduate study options at Open Day.

St Lucia Open Day Sunday 4 August 2002, 9am – 4pm.
For details visit www.studyatUQ.net