OUT OF THIS WORLD
HyShot blasts into history
REWARD UP TO $100,000

ACT NOW! Entries for the UQ Business School’s Enterprize competition close on 6 September.

Don’t miss this opportunity to put your great idea on paper and in the marketplace.
To find out more visit www.enterprize.uq.edu.au

ENTRY CLOSES 6 SEPTEMBER
The University of Queensland is fortunate to have some of the leading researchers in Australia and indeed the world. The recent success of the HyShot project (see page 5) is an outstanding example of Queensland ingenuity and innovation making an international impact.

In order to highlight the achievements of our researchers, the University will be running the inaugural UQ Research Week from Monday, September 23, culminating in the UQ Foundation Research Excellence Awards ceremony at the UQ Centre on Thursday, September 26. These awards, complemented by other research initiatives, demonstrate UQ’s commitment to recognising, encouraging and rewarding its high achievers.
Lymphoedema study

Women with arm or leg lymphoedema and those “at risk” of developing a swollen limb after the removal of lymph glands are needed to participate in a research study aimed to assist in early detection of this condition.

UQ research fellow Dr Robyn Box said women “at risk” are those who have recovered from treatment for breast or gynaecological cancer and may be prone to the development of lymphoedema (a swelling of the arm or leg).

Queensland volunteers will be assessed at Royal Brisbane Hospital and should leave their contact details on the voicemail service at 07 3365 4660.

This collaborative research, by UQ’s Physiotherapy Department, Monash Medical Centre, Royal Brisbane and Royal Women’s hospitals is funded by the Commonwealth Department of Health and Ageing.

Smart and safe mining

A UQ-devised precision instrument created to monitor the stability of rock walls in open-cut mines was successfully launched at a Hunter Valley coal mine recently, and is travelling to Western Australia for further demonstrations.

The Slope Stability Radar is mobile, weather-proof and ready to assess the stability of rock faces and rock piles.

It has emerged from the Cooperative Research Centre for Sensor Signal and Information Processing based at UQ and is the result of research by PhD student Bryan Reeves and other researchers at UQ’s School of Information Technology and Electrical Engineering.

The trailer-mounted radar can monitor 320 degrees horizontally and about 120 degrees vertically and is sunproof, waterproof and dustproof. It can detect minor rock movements of less than a millimetre that are often precursors to a wall collapse.

A new UQ sporting and cultural event will form part of Brisbane’s upcoming celebrations.

UQ will host one of Queensland’s unique multicultural festivals when the inaugural UQ Sport & Cultural Festival is held on Sunday, September 8, at the St Lucia campus.

Managed by UQ SPORT, and run in association with the Brisbane Riverfestival, the festival will showcase multicultural performances alongside sporting activities and demonstrations to the University population and local community.

Chief Executive Officer of Brisbane Riverfestival, Suzannah Conway, said UQ was one of three locations identified as part of the festival’s new Riverfiesta program.

“The Riverfiesta program will provide for a community day of quality multicultural performances across venues at St Lucia, New Farm and West End,” Ms Conway said.

“The Riverfiesta will aim to fill the gap in south-east Queensland’s festival program, which doesn’t have a large multicultural content.

“Brisbane Riverfestival has a strong relationship with UQ through its environmental program, and the diversity of multicultural life on campus makes UQ an excellent location for the festival.”

Ms Conway said the sporting and cultural aspect of the festival would be a bonus for visitors.

“Sport is part of our culture. The combination of the two will provide for a really interesting mix,” she said.

Sporting activities at the UQ Sport & Cultural Festival will extend to include a sporting expo, recreation demonstrations, adventure displays and children’s entertainment.

Ms Conway said the addition of the Riverfiesta program to the Brisbane Riverfestival, which runs from Friday, August 30 – Sunday, September 8, was a positive development to expand activities to local communities.

The UQ Sport & Cultural Festival will also include a Riverclean, River-talk and River Report Card announcement by Lord Mayor Jim Soorley.

The day’s festivities will run from 10am to 4pm on Oval 5 precinct.

River revelry heads to St Lucia

by Rowan Foster

The Hock Chang Lion Dance Association, part of Riverfestival activities. PHOTO: courtesy Riverfestival

The trailer-mounted radar can monitor 320 degrees horizontally and about 120 degrees vertically and is sunproof, waterproof and dustproof. It can detect minor rock movements of less than a millimetre that are often precursors to a wall collapse.
Global fame for HyShot

by Jan King

A successful launch has turned UQ’s HyShot project into an international sensation.

UQ researchers have claimed success for the world’s first flight test of supersonic combustion, the process used in an air-breathing supersonic ramjet engine, known as a scramjet.

“Our honest understanding from preliminary data is that the experiment worked,” said international HyShot program leader Dr Allan Paull, of UQ’s Centre for Hypersonics.

“We received data for the full length of the 10-minute flight. All indications are that supersonic combustion occurred. We’ll now be submitting the results to international peer review.”

On Tuesday, July 30, a safe and successful launch of a Terrier Orion Mk 70 rocket containing a scramjet payload was held at Woomera Instrumented Range, 500km north of Adelaide, in the South Australian desert.

The aim of the HyShot program was to provide the world’s first in-flight tests of scramjet technology, validating experiments held in ground test facilities.

While scramjets raise the possibility of Sydney to London flights in two hours, they are set to revolutionise the launch of small space payloads, such as communications satellites, by substantially lowering costs.

They have the added benefit that they do not even have to carry most of their propellant as they use oxygen from the atmosphere.

Vice-Chancellor Professor John Hay congratulated the international HyShot team on its success, which he said enhanced the country’s international prestige in space research.

“It’s a magnificent example of international collaboration, involving researchers from Australia, the United States, Britain, France, Germany, Korea and Japan,” he said.

Dr Paull is negotiating with various groups to conduct an extensive, ongoing and advanced $50 million program of six flights over five years, leading to a free-flying scramjet engine.

www.uq.edu.au/hyshot
Bright Minds for the Smart State

Queensland’s most talented students are being given incentive and encouragement to consider a career in science.

UQ has launched a $2.2 million initiative to attract and nurture more high-achieving students to a career in the biological and chemical sciences.

Coordinator Associate Professor Susan Hamilton said the aim of Bright Minds was to enrich the teaching of science at all levels and to enhance the profile of science as a career.

Bright Minds will include a range of products and services for students and teachers from upper primary school through to tertiary study.

These will be developed through partnerships between educators, students, scientists and the general community.

“It is a logical extension of the Queensland Government’s Smart State initiatives, and the recent establishment of UQ’s Institute for Molecular Bioscience (IMB),” Dr Hamilton said.

“There needs to be a paradigm shift in the way in which we educate if we are to get the brightest of our youth to actively participate in a biotechnological future for our state.”

The program comprises:

- Resource Packages for schools – including teachers notes, student activities, kits for hands-on science, information for parents and videos showing scientists using modern technologies;
- Enrichment studies – where high ability students study the equivalent of first semester university chemistry and biology during Years 11 and 12;
- Graduate Certificate Program – access to cutting-edge science for selected first-year undergraduates;
- Graduate Certificate Program – for teachers to update skills and knowledge in modern molecular biology;
- UQ Ambassador Scheme – for Year 11 students to act as contacts between UQ and the schools;
- Faces of Science video series – accompanied by teachers notes and suggested activities;
- Frontiers in Science lecture series;
- Careers in Science – profiles of scientists; and a
- Scientist-In-Residence Program.

Merger good for business

A new business school will provide integrated commerce and management programs.

UQ’s Schools of Commerce and Management have merged to form the UQ Business School. Professor Tim Brailsford joined the University last month to head the new School, which was formed because of demand for an integrated undergraduate program.

The former Dean of the Faculty of Economics and Commerce and Professor of Finance at the Australian National University said he looked forward to the challenges that his new position offered.

“We will be striving for the highest quality in everything we do, and seeking to achieve recognition from our students, peers, government and industry as the clear number one business school in Australia,” he said.

He said that part of the mission of the UQ Business School was to seek strategic alliances with comparable quality institutions and one of its first goals was to achieve accreditation with the Association to Advance Collegiate Schools of Business (AACSB).

“We aim to be the first school in Australia to receive such accreditation, which will reflect the high quality and international recognition of our staff, research capability and educational programs,” he said.

The AACSB, founded in 1916 by the Association of American Universities, is the premier body that peer reviews business schools for the purpose of international accreditation.

Professor Brailsford said he was optimistic that the School would receive AACSB accreditation following a final stage review at UQ early next year.

Professor Brailsford holds a PhD, masters and honours degree and has professional affiliations through fellowships with CPA Australia, the Australian Institute of Banking and Finance, the Finance and Treasury Association and the Australian Institute of Management.

His consultancies to industry and government have included the Commonwealth Departments of Finance and Administration, and of Communications, Information, Technology and the Arts; ANZ Banking Group, Australian Bureau of Statistics; the Australian Capital Territory Government; Australian Taxation Office, Austock Brokers; CRA Ltd; Macquarie Bank; and North Broken Hill Peko.

striving for the highest quality in everything we do
A paddling of ducks, an expanded mouse circus and a litter of piglets were just some of the highlights of the Animal Nursery at the Royal Queensland Show from Thursday, August 8–Saturday, August 17.

Nursery Coordinator and senior lecturer at the UQ School of Animal Studies Dr Mark Hohenhaus, said the miniature circus, complete with colour-ed lights and music, had proved a hit with visitors both last year and this.

“We had an enlarged display of coloured rats, and Highland fold cattle, a type of Scottish cattle with long hair and long horns, made their reappearance after many years,” he said.

This year’s nursery housed all the usual favourites— including lambs, calves, foals, ducklings, piglets, and chickens.

Dr Hohenhaus said some 20 UQ Certificate in Animal Husbandry and Agriculture students worked and lived at the Animal Nursery this year. The nursery was one of the most popular attractions for young visitors and families at the “Ekka” at the inner Brisbane suburb of Bowen Hills.

“The Animal Nursery has been staffed by UQ Gatton (formerly known as the Queensland Agricultural College) students since it opened 36 years ago,” he said.

In the Agricultural Pavilion, staff from UQ’s School of Agriculture and Horticulture created a display of fruit and vegetables representing the theme of “UQ Gatton Online” in a webpage.

Lecturer in fruit crop production Dr Gavin Porter said he and technician Victor Robertson had created a map of Australia from fruit and vegetables mainly using citrus such as oranges and mandarins as well as a range of apple varieties and novel vegetables, like potkins, a small colourful type of pumpkin.

“The display took us two days to build but many months to plan.”
Boost for IMB spin-off
The latest Institute for Molecular Bioscience (IMB) biotech spin-off company, Mimetica, has received $250,000 to drive the investigation and development of new molecules which have the potential to impact on a wide variety of human diseases.

Mimetica’s chief scientist Dr Peter Cassidy said the funding included $125,000 from StartUp Australia and the Queensland Government’s BioStart program.

“Mimetica makes molecules using a Queensland-developed technology that mimics the shape and function of biologically important peptides,” he said.

“Peptides are biological keys fitting into biological locks and affect a wide variety of processes involved in human diseases.

“Our goal is more specific drug molecules that are easier to deliver to the target area and have fewer side effects.”

Gongs for UQ Gatton architecture

The revitalisation of UQ’s Gatton campus has received State wide recognition for its design excellence and integration of artwork into two recently completed buildings.

Two UQ Gatton buildings were recognised for their design significance at the Royal Australian Institute of Architects (RAIA) State awards this month.

Designed by m3architecture, the Micro/Health Laboratory won the Art and Architecture category and the Public Buildings (Institutional Building) Award.

As a regional award winner, the building is now eligible for the RAIA National Architecture Awards, regarded as one of the most prestigious in the design and construction industry, to be held in Sydney on Thursday, October 24.

The building integrates art into its brickwork façade and since its completion in January has been used by the School of Land and Food Sciences for teaching and research.

“The brickwork designer Ashley Paine came up with the design as an extension of some artwork he had been producing, which emerged from pencil drawings to computer manipulated images to three dimensional bricks,” said project manager Peter Davies from UQ’s Property and Facilities.

Extensions to the Management Studies Building designed by Davenport Campbell received highly commended in the Public Buildings (Institutional Building) section.

Used by academic and administrative staff of the School of Natural and Rural Systems Management, the building was completed in September last year under the co-direction of Mr Davies and Robyn McDougall.

Mr Davies said both buildings won the awards for integrating artwork into the building design, including the use of concrete and sandstone sculptural elements, external landscaping and a glass framing structure for the Management Studies Building.

SOME OF THE STORIES THAT PUT UQ STAFF IN THE MEDIA

July/August 2002

The success of the HyShot experiment at the Woomera Prohibited Range made headlines around Australia and the world. Dr Allan Paull, Dr Susan Anderson, Judy Odam and Myles Frost from UQ’s Centre for Hypersonics spoke to numerous national and international newspapers and broadcasters about the world’s first successful flight of a supersonic combustion ramjet engine.

Also attracting some international media attention was Professor Ken Collinson from the Australian Centre for Queensland University Isotope Research Excellence (ACQUIRE) on his paper in Nature about the early meteor bombardment of earth. Reports of the paper were carried on BBC News and Discovery.com as well as Australian media outlets.

Elsewhere, an intriguing project between UQ (Associate Professor Carolyn Richardson, School of Physiotherapy) and the European Space Agency on ways to prevent back and joint pain, was covered by The Age newspaper in Melbourne.

Other UQ staff in the news included:

► Professor Peter Mora from the Queensland University Advanced Centre for Earthquake Studies (QUAKES), who was quoted in The Courier-Mail on earthquake simulation;

► Dr Margaret Maynard from the School of English, Media Studies and Art History was interviewed by ABC Radio National on fashion and globalisation;

► Professor Vic Callan from the UQ Business School was quoted in an article in the Australian Financial Review about how the performance of the stock market was affecting investors;

► Dr Toni Johnson-Woods from the Contemporary Studies Program at UQ Ipswich was interviewed on ABC Radio about her research into Australian pulp fiction and on BBC radio about the TV program Big Brother;

► Dr Zlatko Skrbis from the School of Social Science, was quoted in The Courier-Mail about the alleged relationship between language barriers and crime in Sydney’s west;

► Dr Sheree Cross from the School of Medicine was interviewed by The Courier-Mail about allergic reactions to skin products; and

► Dr Julie Duck from the School of Psychology was quoted in Sydney’s Daily Telegraph about the Norfolk Island community helping the crew of a stranded British ship.

Professor Dr Allan Paull from the School of Land and Food Sciences for teaching and research.

The Micro/Health Laboratory. PHOTOS: JOHN LINKINS
The newly-crowned champions of world robotic soccer put their silky skills and shooting power on display at the RoboCup Junior Queensland Competition at St Lucia earlier this month.

Held at the UQ Centre on August 10-11, the UQ-trained E-Strikers team from Brisbane Grammar School successfully defended their State title after winning the largest and most prestigious junior robotics championships in Fukuoka, Japan in June.

The annual State robotics competition is for primary and high school students, with an emphasis on hands-on teaching of technological and scientific skills.

Students competed in three categories: soccer (Grades 8-12); rescue (Grades 5-7 and Grades 8-10); and dance (Grades 5-7 and 8-12).

Team 1 from John Paul College were victorious in the primary school rescue category while the AT Team took out the secondary school rescue contest.

Bolto’s Gods from Toowong State School won the primary school dance section and Freaky Cowgirls from St Peters Lutheran College danced their way to the winner’s podium in the secondary school dance category.

Since February, UQ’s School of Information Technology and Electrical Engineering held three-hour training courses teaching students about robot construction and the basics of software programming.

RoboCup Junior Queensland Coordinator Lynne Launt said registration had tripled since 2001, with 93 teams and more than 350 students registering, including eight teams from far north Queensland.

The winning teams were invited to attend the national competition in Melbourne on September 12-14, with the top teams at the national contest eligible to compete in the 2003 International RoboCup Junior competition in Padua, Italy.
Chemistry honour

UQ Professor Max Lu has been awarded the 2002 Le Fèvre prize for his outstanding contribution to physical chemistry.

Professor Lu, who is Chair of Nanotechnology and Director of The Nanomaterials Centre, was awarded the prize by the Australian Academy of Science.

The award honours the contributions to physical chemistry of former Fellow Professor Raymond James Wood Le Fèvre.

Last year Professor Lu was awarded the prestigious Orica Award for his continued contribution to Chemical Engineering. Since receiving the Young Researcher Award by the International Union of Materials Research Societies in 1997, Professor Lu has focussed his research in the areas of the physical and surface chemistry of porous materials.

In 2000 he was part of the team of UQ researchers who invented a way of converting unwanted Greenhouse gases into potentially valuable fuel.

Mining links grow

International links with the mining industry continue to be strengthened by UQ’s Institute for Modern Languages (IML).

Staff have forged ahead with a number of projects for inter-national clients, including Thiess South America (TSA), Inco Ltd, Bechtel, Technip and Hatch.

“In the past semester we produced a Spanish training video for TSA staff in Peru, taught Spanish to Australian and South American staff and translated a number of scripts and undertook voice-overs for TSA’s operations in Indonesia,” said IML Manager Georgiana Poulter.

“Goro Nickel Project staff also undertook French language training while 20 staff of UQ’s Julius Kruttschnitt Mineral Research Centre (JKMRC) had Spanish language training.”

Meteoric achievement

The discovery by a UQ team of a meteorite assault billions of years ago has implications for the origin of life on planet Earth.

UQ researchers have for the first time discovered terrestrial evidence of a meteorite bombardment nearly four billion years ago.

It is widely accepted that the moon was heavily bombarded at this time, creating huge craters and basins. But although the effect of these impacts is still clearly visible on the moon today, movement of Earth’s dynamic plates over geological time have reshaped the terrestrial surface dramatically, leaving little evidence of these catastrophic events.

In a paper published in the international journal Nature, UQ researchers report evidence of the oldest impact events so far discovered on Earth. The research team of Dr Ronny Schoenberg, Dr Balz Kamber and Professor Ken Collerson of UQ’s new Advanced Centre for Isotope Research Excellence (ACQUIRE) made the discovery by analysing 3.8 billion year old rocks from West Greenland collected by Oxford University collaborator Professor Stephen Moorbath and from Northern Labrador in Canada collected by Professor Collerson.

The researchers found these very old metamorphosed sedimentary rocks – derived from the Earth’s early crust – contain anomalies in the isotope composition of the element tungsten.

“Such anomalies are usually found in meteorites. To our knowledge, this is the first time these anomalies have been shown to exist in terrestrial samples,” Professor Collerson said.

“There is no plausible mechanism by which tungsten isotope anomalies could have been preserved in the Earth’s dynamic crust-mantle environment. Therefore, we conclude these rocks must contain a compound derived from meteorites.”

“We have in effect found a chemical fingerprint in the earth’s oldest terrestrial rocks of a heavy meteorite bombardment 3.8 to 4 billion years ago,” he said.

“This finding has implications for the origin of life on Earth as these giant impacts would have annihilated any possible existing life forms but also delivered complex molecules from carbonaceous chondrites – a type of meteorite – to the earth’s surface,” Dr. Kamber added.

With adequate funding, further research on the rock collection will yield insight into the evolution of life on Earth.

Senate extends entry options

UQ will provide extra places for full fee-paying Australian undergraduate students in some high demand programs from next year.

UQ Vice-Chancellor Professor John Hay said the numbers would be limited and strict guidelines would be in place to ensure academic standards were maintained.

“About half of Australia’s universities already offer students this option and, in the current restricted funding environment, UQ has little choice but to examine all available revenue sources,” Professor Hay said.

“We expect the fee-paying places will be available in a relatively small number of programs and only veterinary science, dentistry and law will make the option available in 2003.

“The places created under this scheme will be on top of existing Commonwealth Government HECS quotas and will not reduce opportunities for other students.

The UQ Senate approved additional full fee-paying places for Australian graduates on the condition that:

• they do not exceed 25 percent of total places for any program; and
• the cut-off for full-fee students is no more than two OP bands below the cut-off for HECS places and not below OP 8 or equivalent.
Fire lights way to reconciliation

An annual multi-faith soirée at the University has been designed to embrace the general principles of reconciliation.

Didgeridoo music and a fire-making ceremony was part of the University’s sixth annual Prayer for Reconciliation event held this month.

Organised by the Aboriginal and Torres Strait Islander Studies Unit (ATSIS) and UQ’s Chaplaincy Service, the Wednesday, August 7 event was held at dusk in the Natural Amphitheatre near the shores of the lake at UQ’s St Lucia campus.

“The ceremony was designed to mark the National Week of Prayer for Reconciliation and aimed to embrace the principles of reconciliation via songs, stories and prayers,” said ATSIS Unit Director Michael Williams.

The multi-faith event commenced with a fire making ceremony and a presentation by the Nunukul Wantamma Aboriginal Dancers with a taper later being lit from the fire as part of a candle lighting ceremony.

“Chaplains believe that society needs to find a way forward together and this means including people of faith on the journey of reconciliation, as the spiritual dimension is part of what makes all of us human,” said Reverend Geoff Hoyte from The Chaplaincy Service.

The event was attended by senior staff members, representatives of various religious and faith groups, and prominent members of the Aboriginal and Torres Strait Islander community.

Speakers included Executive Dean of the Faculty of Arts Professor Alan Rix, Executive Dean of the Faculty of Social and Behavioural Sciences Professor Linda Rosenman, and Chair of Reconciliation Queensland Joan Hendriks.

Mr Williams said it was an important event in the University’s calendar and one he hoped would continue to be celebrated as part of UQ’s commitment to reconciliation.

Disease control a financial sweetener

Productivity gains are guaranteed by a newly-patented method of sugarcane rust removal.

UniQuest Pty Limited, UQ’s technology commercialisation company, has patented a method of reducing a disease that has a major economic impact on Australia’s sugarcane industry.

Leaf scald, a major disease of sugarcane that occurs in more than 50 countries, is caused by a bacterium that produces toxins called alibicidins, which weaken and damage the plant.

The UQ technology involves a gene that destroys alibicidin toxins. It was isolated from a harmless bacterium common in sugarcane fields.

When expressed in sugarcane plants, it allows the plants to defend themselves against the disease. There is also the potential to administer a biocontrol agent expressing the detoxification gene to reduce the risk for disease transmission, for example when cane is harvested.

Leaf scald causes large commercial losses, particularly where susceptible cultivars grow. As a result, ways of combating the disease are of great economic significance. For example, leaf scald resistance in plants is an essential requirement for every commercial Australian sugarcane variety.

Inventors Professor Robert Birch and Dr Lianhui Zhang believe it could be possible to produce a suite of transgenic plants that are substantially resistant to leaf scald disease.

“The current requirement to select plants for resistance has a significant impact on the breeding program, leading to the rejection of many otherwise valuable new cultivars,” Dr Birch said.

“Improved varieties are fundamental to productivity and profitability for growers. But it takes about 10 years to breed a new sugarcane variety.

“Each variety rejected in the late stages of the program has already cost around $1 million in conventional breeding and selection costs.

“This resistance gene, in conjunction with gene transfer and gene expression technologies we have developed, has the potential to rescue varieties that would otherwise be rejected because of susceptibility to leaf scald.”

www.uniquest.com.au
Hurdles cleared

by Shirley Glaister

A UQ student from Japan has gone from being a novice to an expert horsewoman.

It’s horses for courses for UQ Gatton student Yuko Horii.

When Ms Horii moved to Australia from Japan to begin her Bachelor of Applied Science in Animal Studies in 2001, she had barely ridden a horse.

Now she is a highly competent horse-rider who supplements her University studies with part-time horse-riding coaching on the Gold Coast. In September, she will sit for a formal, horse-riding coaching examination.

“I’ve learned so much about horses at UQ Gatton – management, nutrition, health, training, breeding and riding skills to name a few. It’s impossible to learn to be a horse expert at any Japanese university because of low student demand and lack of horse specialists in my country. So, I’ve had special and valuable opportunities at UQG,” Ms Horii said.

“After graduation, I would like to work as a conduit between Australia and Japan, for example as marketing manager for a company dealing in horse supplies and/or horses or as a horse-riding instructor in the tourism industry, introducing horse knowledge and technique to Japanese riders.

“Last semester’s course Equine Coaching Education inspired me to seek a horse-riding instructor qualification. If successful in the September exam, I will be the first Japanese-speaking qualified instructor in Australia.”

Ms Horii was among the many students who competed in continuous equestrian events such as showjumping and dressage at UQ Gatton’s Open Day on Sunday, August 25.

She rode Finesse, the Palimino mare she has ridden throughout her studies and who has helped transform Ms Hori from occasional rider to an accomplished and confident rider.

Finesse is one of seven Australian Stock Horses belonging to the School of Animal Studies and used by students throughout their degrees and diplomas.

Lecturer Lea Bierman said all seven were born and bred, broken in and trained by students at UQ Gatton.

According to Equine Studies stream co-ordinator Dr Mark Hohenhaus, around 200 internal and external students are currently completing either the three-year Bachelor of Applied Science (Animal Studies), the Bachelor of Animal Studies (Equine Studies), or the two-year Diploma of Applied Science (Equine Studies), with teaching and learning time split 50:50 between theory and practice.

Everyone from thespians to racing car fans, robotics enthusiasts and equine lovers were catered for when the University’s three campuses went on show to the public.

With QTAC deadlines fast approaching, UQ opened its doors to thousands of potential students throughout August.

More than 25,000 people attended Open Day at the St Lucia campus on Sunday, August 4, while another 2000 were at the UQ Ipswich Open Day on Sunday, August 18. UQ Gatton welcomed the public on Sunday, August 25.

Visitors to the St Lucia Open Day included high school students, mature-age applicants, their families and friends as well as members of the general public. Arriving by car, bus, ferry and bike they enjoyed presentations and activities across the campus. However, the focus of Open Day was the new UQ centre.

Significantly bigger than Open Day’s former home, Mayne Hall, the centre easily accommodated UQ’s growing number of study options and special interest areas.

The HyShot display in the building foyer was a crowd favourite,
while hundreds packed the Centre’s lecture theatre for a number of special presentations.

With many visitors coming to the University for the first time, UQ students helped guide people around the campus and led special walking and bus tours throughout the day.

Many took advantage of Open Day to find out more about their study options as well as the opportunity to experience University life first hand. UQ’s museums, libraries and cafes enjoyed a steady stream of visitors.

Other activities across campus included performances from the Queensland Shakespeare Ensemble, robotics demonstrations, an interactive wind tunnel and mechanical engineering students building a Formula Society of Automotive Engineers (SAE) car.

Two weeks later it was UQ Ipswich’s turn to welcome the public. A relaxed and fun program of activities blended with the University’s cutting-edge academic offerings to draw thousands of visitors. As well as special presentations and information booths from the academic side of life at UQ Ipswich, visitors enjoyed free rides for children, community stalls, markets, food, music and live entertainment.

Guided walks with UQ Ipswich student guides proved very popular as visitors were taken on a comprehensive tour of the campus.

The tours provided an opportunity to learn about the unique history of the campus and experience the state-of-the-art facilities UQ Ipswich has to offer.

UQ Gatton showcased its extensive facilities and diverse range of programs at its Open Day. Special presentations on agribusiness, agriculture and horticulture, animal and environmental studies were accompanied by tours of the campus.

Other activities included library and dairy tours as well as equestrian events in the horse arena.
Barrief Reef grant
UQ student Karen Arthur was among 10 recipients of the 2002 Great Barrier Reef Marine Park Authority Augmentative Research Grants announced recently. The $1000 grants were awarded to outstanding university students for research relevant to the Great Barrier Reef Marine Park and World Heritage Area.

Ms Arthur is studying the effects of the toxic cyanobacteria Lyngaya majuscula on marine turtles. The funding is to assist students with their research and is awarded to students working towards a doctorate or masters degree in the physical, biological and social sciences disciplines.

Thesis sounds good
Fourth-year mechanical engineering student Emma Carlisle has won the inaugural best undergraduate thesis award from the Queensland division of the Australian Acoustical Society.

Entitled The SCRAM Project: Small Chamber Reverberant Absorption Measurement, the $1000 award-winning thesis investigated the development of a new technique to measure the sound absorption capability of building materials.

North to Alaska
An international research team from universities in Australia and Canada is in the Alaskan wilderness investigating the practical use of the froth flotation mineral separation system used to separate valuable mineral from unwanted waste after mining.

UQ’s Julius Kruttschnitt Mineral Research Centre (JKMRC) is playing a leading role in the international research campaign, sponsored by Teck Cominco, the world’s biggest zinc producer.

The campaign is part of the JKMRC-AMIRA P9 project – the world’s longest running mineral processing research project – and the PS41A project involving the University of South Australia and JKMRC.

BIG ART by little people
An imaginative collaborative art exhibition is providing preschoolers with a unique introduction to the art world.

Art works by contemporary Australian artists have been interpreted by “little people” as part of a UQ community exhibition project.

Big Art – small viewer features interpretations of eight art works, by major Australian artists, by 91 children aged between two-and-a-half and five, from the University’s Campus Kindergarten.

The exhibition was opened by Michael Beckmann, Acting Head of Education and Regional Services, Queensland Art Gallery, in the University’s Great Court on Saturday, August 17 and continues until Sunday, September 22.

The children’s art works will be exhibited with the originals by the selected adult art works to discuss, contemplate and appreciate.

They were then given the opportunity to choose materials and express their thoughts and reflections through art.

The University Art Museum is open Tuesday to Friday from 10am to 4pm and on Saturdays from noon to 5pm.

Some of the children’s artwork. PHOTO: DON THOMPSON

artmuseum@uq.edu.au
If you thought your old television was stuck in the garage until the next council collection think again. UQ’s School of Veterinary Science would like people to donate unwanted televisions and radios to entertain dogs being housed at the St Lucia campus. “We have had some problems with bored, barking dogs in the past and we need to continually look at ways to enrich their environment in order to keep them amused, happy and content,” said Animal House Officer-in-Charge Rebekah Scotney.

“Currently we have about five dogs in our care who need new homes. Cleo, Sweet Emma and Puzzle are sisters of mixed breed who have been with us since they were born here two years ago. “Their six littermates have been re-homed to areas all over Queensland and reports say that they are doing well. “Lotti, a Ridgeback cross, and Shelley, a Labrador cross, have been here for six months and both have unique personalities with quirky traits. “We also have about 10 cats that need to find new homes.”

To adopt a cat costs $55 which includes de-sexing, vaccination, worming, micro-chipping, a bag of cat food, food bowl and cat collar. Dogs are free of charge as the cost has been absorbed by either the school or research grant and have been de-sexed, vaccinated, wormed, heart-guarded and micro-chipped.

People interested in donating unwanted televisions and radios, or who are wanting to adopt a pet, should contact Mrs Scotney or Libby Jolly on 07 3365 3064 or 07 3365 2110.

Mooching about in front of the telly has taken some of the bark out of the pooch population at the UQ School of Veterinary Science.
Puzzle of the peaks

A UQ scientist has added his research to the debate about the origin of the granite tops of the Himalayan range.

A UQ researcher has put forward a new model to explain the unique granite formations of the Himalayan mountains.

The findings, published this month by Dr Kurt Knesel in the prestigious international journal Science, have implications for understanding mountain and continent formation and global climate patterns.

For some time, scientists have been hotly debating the origin of the 2000 kilometre granite crest of the Himalayan range,” Dr Knesel said.

“One school of thought suggests the granite was formed from fluid-induced melting of the Himalayan crust, triggered by the upward thrust of colliding tectonic plates,” he said.

“But more recently, some scientists have argued the granite may have formed by decompression triggered by the downward slip of the collapsing Himalayan roof.”

Dr Knesel, who is based at UQ’s Earth Sciences Department, and Professor Jon Davidson from the Department of Earth Sciences at the University of Durham in the United Kingdom attempted to unravel the mystery by analysing the granite’s isotope chemistry.

They concluded that the granite was formed by a combination of both forces.

“A striking feature of Himalayan granite is the presence of different isotopic and element compositions. We argue this is the result of different melting reactions, which are largely controlled by the presence or absence of water,” Dr Knesel said.

“The chemistry of the granite therefore suggests that it may have been produced by both mechanisms put forward by scientists rather than a simple model of one or the other.

“By better understanding the formation of Himalayan granite, we gain further insight into how continents are formed. Furthermore, the evolution of the Himalayan range is thought to have an influence on global climate change,” he said.
A UQ cyclist is representing Australia in the world’s toughest cross country competition.

UQ mountain bike star Michael Skroblin will tackle new terrain following selection in the Australian team for the World Junior Cross Country Championships in Austria this week.

The first-year science student will make his international debut on an unfamiliar and notoriously muddy Austrian circuit on Thursday, August 29.

He will be part of a 14-strong Australian team vying against the heavy-weights of European mountain biking.

Mr Skroblin and the team have been competing in lead-up races in Europe to build confidence and experience on muddy terrain ahead of the World Championships.

“The team only has a couple of weeks to get use to conditions in Austria and experience the course, which will be a lot different to the usually dry courses in Australia,” Mr Skroblin said.

“I have never raced internationally or against these competitors before so it will be a good challenge.”

Second placing at both the Australian and New Zealand National Titles in 2002, and current leader of the Queensland Mountain Biking Series, confirm Mr Skroblin’s position as one of the country’s brightest prospects.

The UQ Cycle Club star is aiming for a top-15 finish at the World Championships, which will prove a valuable experience in the move to senior levels in the years ahead.

“Hopefully I can continue to race internationally beyond these championships and make the step up to compete against the senior riders in the next few years,” Mr Skroblin said.

While he has seen his fair share of crashes in the fast growing sport, Mr Skroblin is quick to dismiss any fears that may wait in Austria.

“I’ve been concussed a couple of times falling but there is no room for fear. If it’s on the course it should be rideable,” he said.

Search engine has turbo power

Discovering what you did not even know you wanted to know is now only a CD download on your computer away.

The Key Centre for Human Factors and Applied Cognitive Psychology at UQ has developed a revolutionary document-mapping tool that can analyse vast amounts of text.

The Leximancer, which was developed by Dr Andrew Smith, is unique in that rather than merely showing you what you ask it to show, it is also designed to show you what you did not know.

Consulting and Industry Liaison Officer for the Key Centre, Peter Hollands, is hoping that the Leximancer will begin to be used in organisations all over the world as it is regarded as a major step forward from search engine technology.

“It is the easiest thing in the world to use,” he said.

The Leximancer is a CD-based tool that can also be downloaded onto a computer. It can portray vast amounts of text by creating a map that links all related subtext and key headings through a colour-coded system.

The Key Centre said that this simplicity is unique to the market place. “It can work with a block of text up to a gigabyte in size,” Mr Hollands said.

The system was originally developed as part of Dr Andrew Smith’s masters studies and was then expanded with the help of the Key Centre.

The Centre said that unlike past systems, which merely highlighted specific text, the Leximancer gave a clear understanding of each important concept collected and its relationship with all other concepts in the document.

The success of the Leximancer has already been proven in trials which began in June with the Schools of Journalism, Psychology, and Business Communication.

Mr Hollands highlighted the work of Professor Cindy Gallois from the School of Psychology in being one of the first people to trial the new system.

Although the Leximancer is still in a non-finished format, it is hoped that more outside companies will begin to use the system for tasks such as analysing website content and re-filing emails and document lists.

Mr Hollands said that the Leximancer is cost effective and that he has already received interest from the Defence, Science and Technology Organisation, the United States Military and companies in Paris and Hong Kong.

“The cost to UQ staff is $600 per license, which includes the cost of one person attending the training course. Additional attendees on the course will be charged only $200,” he said.

Mr Hollands also said that the Centre was currently working on integrating other technologies with the Leximancer and that he was excited about the possibilities that could be created by future developments in the tool.
Century for graduate
One of UQ’s oldest graduates celebrated becoming a centenarian recently. Edith Miriam Jones of Ashgrove, who graduated with a Bachelor of Arts (first class honours) in 1923, turned 100 recently.

Ms Jones won a scholarship to UQ after topping the State in her final-year examinations. A resident at Women’s College, she majored in Latin and Greek and was a member of the Queensland University Musical Society.

Over the years she taught Latin, Greek, English and history at various Queensland schools.

She was also a translator for the intelligence service during World War II.

Apple scholarship
A UQ Ipswich student has returned from the United States after winning one of 16 national Apple University Consortium (AUC) scholarships.

Information environment honours student Jamie Madden, 21, attended the World Wide Developers Conference in San Jose, California as part of the scholarship.

Mr Madden was selected from more than 90 applicants and received return airfares, seven nights accommodation, access to the conference and AUC membership.

Winter wisdom
UQ science student Peter Snelling, 19, joined students from 38 Australian and New Zealand universities at the Australian Institute of Nuclear Science and Engineering, and the Australian Nuclear Science and Technology Organisation annual Winter School.

Held in Sydney in July, the theme was Nuclear Techniques Applied to Natural Processes.

Students who attend the event are considered to be in the top of fields such as chemistry, engineering, environmental science, geology and physics.

A group of American students sampled life and culture in rural communities during a recent visit.

American students have been given a taste of rural life in Australia thanks to a UQ Outback Experience program held recently.

Nine first and second-year undergraduate students from various parts of the United States embarked on the six-week journey organised by UQ’s School of Education.

“The program focused on providing participants with a useful insight into contemporary rural life within the context of rural schools and communities,” said program coordinator and Lecturer in Education Dr Nan Bahr.

Dr Bahr said the program was designed to appeal to students who had an interest in culture, society and rural life.

“The program’s main aim was to provide opportunities for intercultural experience, familiarisation with aspects of Australian culture and living, and an introduction to various issues facing rural communities.

“It also aimed to encourage integration and understanding of experiences through the development, elaboration and justification of the student’s own personal understanding of rural culture, society and community development.”

The initial two-week on-campus component of the program consisted of lectures, readings, tutorials and activities covering Australian education and curriculum, Australian schools as a hub for rural community development, adolescent issues, learning, and preplacement orientation.

The rural component was designed in collaboration with the Longreach District Office of Education Queensland and included two weeks with a primary and secondary rural school community and one week in a homestay environment on a station property.

The remainder of the six weeks was spent travelling and sightseeing.

Dr Bahr said students would receive credit for the program from their home institution and were placed in communities according to their background knowledge, skills and preferences.

Fresh frontier for invoicing
It’s goodbye long queues at payment counters and hello night and day access to your University financial details, following a new UQ project.

UQ has further simplified the enrolment process for students this semester, introducing a state-of-the-art electronic invoicing system integrated with Internet payment of student fees.

The secure system has been seamlessly introduced and mirrors the community’s general acceptance and growing use of Internet financial services.

Electronic invoicing (e-invoicing) can be accessed via the UQ’s mySi-net web-based enrolment system.

Assistant Bursar (Systems) Owen Hudspith said e-invoicing built on the self-service functionality of mySi-net, which was introduced in 2000. Last year the University introduced a system allowing student credit card payment over the Internet, having already implemented Bpay for fee payments several years earlier.

After the success of online enrolment via mySi-net, the University decided to extend online services to its estimated 31,700 students by introducing electronic invoices from this year, Mr Hudspith said.

He said the electronic commerce (eC) project also completed a feature to enable HECS and PELS statements to be delivered online in a similar manner to invoices.

“The new system puts UQ at the forefront of eCommerce administration systems among Australian universities,” he said.
Rain beefs fertility

by Joanne van Zeeland

The quality of grass available to cattle has been found to play a significant role in cow fertility levels and is linked to the timing and amount of rainfall.

Making hay after just the right amount of rain can affect the fertility of cows, according to a UQ PhD student. Darryl Savage’s study of how nutrition relates to beef cattle reproduction was conducted at Alexandria Station – the world’s second largest cattle property at 4.4 million acres – 350km from Tennant Creek, Northern Territory (NT).

“Surprisingly, the preliminary findings indicate that when and how rain falls is significantly more important than actual rainfall levels in affecting the nutritional quality of grass which in turn impacts on a cow’s fertility levels,” the 28-year-old said.

“We measured the quality of grass in various paddocks to determine the minimum amount of feed supplementation needed to achieve the optimal weight and fertility level required for a cow to produce one calf every 12 months.

“We found by matching nutritional management with measured seasonal conditions, we could halve supplementation costs whilst still achieving the same level of production.”

The four-year recording trial involved weighing and pregnancy testing more than 10,000 cows, measuring pasture and dung quality every month, and continually recording the rainfall in four paddocks.

Mr Savage moved to Tennant Creek in 1996 after graduating from UQ Gatton with a Bachelor of Applied Science (honours) in 1995. He is currently the Senior Animal Production Officer for the NT Department of Business, Industry and Resource Development.

The research forms part of his work and is financed by the station’s owners (The North Australian Pastoral Company), the NT Government, Meat and Livestock Australia and Ridley Agri-Products.

Mr Savage’s job also requires him to coordinate on-station training programs for young people in pasture and reproductive management.

He is the NT representative for the Young People in Rural Industries Working Group and the North Australian Nutrition Steering Committee, as well as a committee member of the North Australian Rural Careers Network, which develops initiatives to attract and retain more young people in rural industries.

“There’s a lot of opportunities for young people in the country that they wouldn’t get elsewhere and I’m just trying to do my part to get that message across,” Mr Savage said.

His attempts have not gone unnoticed. Last year he was a national Young Australian of the Year finalist, a Foundation for Young Australian Achiever Award winner and one of 40 people invited to the inaugural Young Rural Leaders Course in Canberra.

Chaplains add value

A UQ PhD study has found that chaplains in Queensland state schools provide a unique and much-needed support role ensuring school communities are equipped to deal with the issues facing young people.

Dr Judy Salecich said more than 110 Queensland schools now had paid chaplains who were offering pastoral care.

Her thesis, Chaplaincy in Queensland State Schools: An Investigation, is an in-depth study of the contemporary social and religious phenomenon that arose in Queensland in the late 1980s.

“Unlike school-based nurses, chaplains are not appointed or paid by the State,” she said.

“Chaplaincy is about community development – local people identifying the needs of young people and families in their community and mobilising community resources to meet these needs.”

Data was gathered from four Brisbane and five non-metropolitan schools with chaplains.

www.chaplaincyinschools.com

Gatton bypass upgrade

The Gatton Bypass, one of the major access roads to UQ’s Gatton campus, is being upgraded to four lanes. When completed in December 2003 the project will allow students to travel faster and more safely between Brisbane, Gatton and Toowoomba.

The existing bypass carries 10,200 vehicles per day and is the only section of highway between Brisbane and Toowoomba that is not four lanes.

Duplication of the bypass is a federally funded project and will be progressed as three packages. The construction will include a multi-level interchange where the Gatton and Esk roads meet the bypass, new bridges over Smithfield Road, Philips Road and Sandy Creek, and duplication of the rail and road overbridge at Helidon.

UQ NEWS August 2002
To publicise your conference or seminar, call Joanne van Zeeland on 3365 2619 or email j.vanzeeland@uq.edu.au

MEDICINE

E. S. Meyers
Memorial Lecture:
August 29, 7pm, Mayne Hall, St Lucia

The pioneer of human in-vitro fertilisation (IVF), Professor Alan Trounson, will discuss Embryos and Embryonic Stem Cells: Creating New Medical Directions.

Professor Trounson is Director of Monash University’s Institute of Reproduction and Development and is also a Professor of Obstetrics and Gynaecology/Paediatics.

His present research interests are focused on human embryonic stem cells and their directed differentiation, nuclear transfer for cloning for the process of dedifferentiation and somatic cell plasticity for trans-differentiation into new cell and tissue types.

A pioneer in low cost tele-medicine, the Trust involves more than 30 local specialists and has 11 telemedicine sites around the world, including UQ’s Centre for Online Health.

Other guest speakers at the conference included: Dr Pam Whitten (University of Michigan, US); Dr Kari Harno (University Central Hospital, Helsinki, Finland); Professor Ping Lian (Telemedicine Research Centre, Shanghai, China); and Dr Victor Patterson (consultant neurologist, Belfast, Ireland).

STAFF DEVELOPMENT

Skilled Chairperson Workshop:
September 2, St Lucia campus

The UQ Teaching and Educational Development Institute (TEDI) workshop aims to enhance skills in the efficient conduct of productive meetings.

It will enable participants to understand the types and purposes of meetings, the role of the chairperson and secretary, and good practice in the conduct of meetings.

It will also examine how to achieve productive outcomes in meetings through management of matters discussed and personal interaction including disruptive behaviour.

Information: 07 3365 3019, staff-devt@tedi.uq.edu.au

INFORMATION TECHNOLOGY

UML™ for Business Modelling: September 2 and Web Usability and Accessibility: September 11, Queensland University of Technology, George St

Organised by the Distributed Systems Technology Centre (DSTC), the first seminar will provide an overview of the major features of UML™ – a generic visual modelling language.

The seminar would be of interest to project managers, system designers and architects, and software developers involved in building and designing object-based software systems.

The later seminar will give attendees an introduction to the concepts of usability and accessibility of the Web.

Participants are required to be familiar with the Internet and a background in basic HTML would be advantageous.

UQ staff are entitled to a 33 percent discount on registration costs.

Information: 07 3365 4310, training@dstc.edu.au

MOVING OVERSEAS?

Oss World Wide Movers (Qld) P/L, 30 Anton Rd, Hemmant Qld 4174
email: sales@ossbrisbane.com website: www.ossworldwidemovers.com

Sydney ▪ Melbourne ▪ Brisbane ▪ Mackay ▪ Perth
inPRINT

by Moya Pennell

There is not much left of the pulp fiction churned out by Australia’s publishing “factories” in the 1940s and 1950s. But some has survived, thanks to the diligence of private collectors. And it represents a rich period in the nation’s publishing history, according to UQ lecturer in contemporary studies Dr Toni Johnson-Woods.

From 1939 to 1959, she said, high excise taxes effectively banned imports of American literature. And local writers found a ready audience for hardboiled detective fiction with an American twist.

Authors using pseudonyms such as Carter Brown, Larry Kent and Bella Luigi turned out thousands of words a week to produce formula fiction with titles like Walk Softly Witch, Get me Homicide and Nude in the Boot.

Sydney publishing companies like Horwitz and Cleveland printed hundreds of novelettes each month.

The phenomenon was much more than a publishing bonanza, Dr Johnson-Woods said. As popular literature, the stories reflect contemporary mainstream attitudes, values and trends. And they have been virtually untapped as a research resource.

“The stories may have been short on literary merit but they document the desires, interests and anxieties of the age,” she said.

“This was cheap, disposable, bulk fiction – so ubiquitous most people didn’t see it as anything worth keeping, just as most of us wouldn’t bother to save this week’s TV Guide.

“But those guides reflect life in Australia today, for example the current predilection for reality television shows.”

Dr Johnson-Woods has already done her bit in recording today’s lifestyles for future generations.

She recently published Big Brother, based on the Big Brother television show screened in 20 countries, as a historic document of the reality TV phenomenon.

Now she is planning a similar foray into pulp fiction.

Dr Johnson-Woods is organising a display of holdings in The University of Queensland’s Fryer Library and extending her research to other rare collections held in Australian and American universities and libraries.

She will be seeking insights into the lives of the authors, the human and commercial aspects of the publishing houses and the books as cultural products. She also hopes to uncover something of the audience, through book reviews or readers’ memoirs before they are lost forever.

Authors Mandy Fletcher and Anthony Frangi offer tried-and-true methods for effective media coverage, even on a limited budget.

Tips include:
* how to stand out from the crowd;
* how to find or create good stories;
* how to write a good media release;
* when and how to contact the media;
* how to handle interviews confidently and competently; and
* how to get the best result possible in any situation.

Anthony Frangi has hosted talk shows on ABC Radio and Talk Radio 4BC and reported and produced for Channel Nine, while Mandy Fletcher has worked in TV, radio and print media as well as media liaison.

Johannes Bjelke-Petersen – The Lord’s Premier by Rae Wear. Paperback $35.

Was Sir Joh Bjelke-Petersen straight as a die, crooked as a dog’s hind leg or mad as a cut snake? These and other questions are explored by leading political scientist Dr Rae Wear in her long-awaited biography of the colourful Queensland Premier who ruled the roost in the Sunshine State for 20 years. A saviour to many, seen as anything from a clown to a political force in the creation and ultimate demise of Australian literature.

The book moves from literary London to Australian bookshops, gets inside Angus and Robertson and interrogates the politics of reputation. It investigates censorship and patronage, paperback heroes and the able-bodied writer, and explores cinema and literature in a century that belonged to the novelist.
Vietnam’s forests reborn

UQ experts have been awarded more than $1.8 million funding and in-kind support to help the Vietnamese government reforest five million hectares of land in the next decade.

The Australian Centre for International Agricultural Research (ACIAR) will provide almost $940,000 over four years for the UQ group.

“We will provide the intellectual support on how to restore the country’s biodiversity and ecological services whilst helping to overcome rural poverty on a large scale,” said grant co-winner Dr David Lamb from UQ’s School of Life Sciences and Cooperative Research Centre for Tropical Rainforest Ecology and Management (CRCTREM).

In addition to Dr Lamb, the group comprises Dr Peter Erskine from the School of Life Sciences and CRCTREM, Dr Sharon Brown from the School of Land and Food Sciences and Associate Professor Steve Harrison from the School of Economics and CRCTREM.

“The Five Million Hectare Reforestation Program is a huge undertaking considering Australia’s total reforestation plantations encompass just over one million hectares after 50 years of planting,” Dr Lamb said.

“Vietnam’s forestry industry has had a varied history largely due to its attempt to restock its dwindling forests with eucalypts, which ended up dropping in value due to an oversupply in the 1980s and 90s.

“This time they will use a mixture of higher value native species to provide benefits other than timber, such as fruit, gums, resin and medicinal aid, as well as biodiversity and watershed protection and soil fertility.

We need to create a type of insurance policy for the poor,” Dr Lamb said the group’s advice would focus on how the trees would grow in a non-monoculture or multi-species environment.

“We need to create a type of insurance policy for the poor, individual farmers who will provide the terrain for this project after being given land rights by the Vietnamese government over the past few years,” he said.

“By finding the right mix of native species to form a stable environment, we should ensure Vietnam the best possible economic and environmental outcome in the future.”

For further information about prizes and scholarships contact the Prizes Office on 07 3365 1984.

The Thomas Morrow Prize: for an undergraduate who as part of their program has written the best essay in the field of Australian literature. Honours theses will be considered.


The Percy Brier Memorial Prize for Music 2002: for a UQ student who in the opinion of the Head of Music submitted the composition of greatest promise.


Information: 07 3365 4949

by Joanne van Zeeland

Vietnamese workers collecting plant shoots. PHOTO: DR BROWN

CLASSIFIEDS

HOUSE-SITTING

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

WANTED TO RENT

2-3 bd furn hse. Jan-May, 2003. Gary: wga@st-andrews.ac.uk

TO RENT

3 bd furn t/house, Taringa, $310/wk. Dble car, a/c. 12 mths from Oct. Ptx: p.blamey@uq.edu.au

2 bd furn unit + study, St Lucia, $320/wk from Jan 1. Suit academic, many extras, close to UQ, Citycat. Linen not included. Graham: 3365 6134, 3870 8202, ghn@maths.uq.edu.au


PRIZES

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
School of Political Science and International Studies, The Limits of Rational Choice: New Institutionalism in the Test Bed of Central Banking Policy in Australia, A/Prof Stephen Bell (3pm, Room 537, GPN3 Building).

School of English, Media Studies and Art History, Popularising Politics: This Day Tonight and Australian Television Current Affairs, Professor Graeme Turner (1pm, Room 540, Micch Building).

■ Sunday, September 1
Friends of Antiquity, Memories Which Pain Me Like Fangs in my Flesh: Cicero’ s Major Depressive Disorder, Dr Katie Evans (2pm, Room 816, Micch Building).

■ Tuesday, September 3
School of Geography, Planning and Architecture, Development Planning in a War-torn Area: The Case of Jaffna, Dr Basil von Horen (1pm, Room 115, Chamberlain Building).

■ Wednesday, September 4
Centre for Critical and Cultural Studies, In the Forest of Human Becoming: Haitian Vodoo, Culture and Counterculture, A/Prof Ken Gelder, University of Melbourne (1pm, Conference Room, Social Sciences and Humanities Library).

■ Friday, September 6
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 Building).

School of English, Media Studies and Art History, The Sound of the Invisible, Linda Neil (1pm, Room 540, Micch Building).

■ Saturday, September 7
School of Law, The World of Patents, Prof Kamal Puri (Customs House, 399 Queen St). For details, telephone 07 3365 1492.

■ Tuesday, September 10
School of Political Science and International Studies and The Brisbane Institute, The Democratic Deficit in Australia, Dr Ann Capling (5.30pm, Customs House, 399 Queen St). For details, telephone 07 3365 3101.

■ Friday, September 13
School of Psychology, Schizophrenia and Information Processing, Natalie Shockley (3.30pm, Room 304, McElwain Building).

UQ Business School, A Multilevel Model of Individual Performance in Organisations, Dr Mark Grifin, Queensland University of Technology (12 noon, Kathleen Room, UQ Staff and Graduates Club).

School of Biomedical Sciences, Regulation of Cell and Tissue Structure by the Actin Cytoskeleton: New Insights From Old Genes, Prof Peter Gunning, Westmead Children’s Hospital (1pm, Room 305, Skerman Building).

School of Political Science and International Studies, The Power and the Passion: Discourses of Civilisational Identity and September 11, Dr Cindy O’Hagan (3pm, Room 537, GPN3 Building).

■ Saturday, September 14
School of Law, Copyright and the Internet, A/Prof Clive Turner (Customs House, 399 Queen St). For details, telephone 07 3365 1492.

■ Tuesday, September 17
Australasian Centre on Ageing, Not Past My “Use-by-Date”: Older People and Volunteering, Dr Jeni Warburton (7.30am, Royal on the Park, cnr Alice and Albert St).

School of Science and Art History, The Wonder of a Headless Chicken: Pattern and differentiation in the Developing Spinal Cord, Dr Murray Hargrave (1pm, Room 305, Skerman Building).

School of Political Science and International Studies, Contemporary Capitalism in Australia: Old Policy Debates and Their Relevance to the New Politics of Distribution, Production and Consumption, Prof Boris Frankel, Swinhunse University of Technology (3pm, Room 537, GPN3 Building).

School of English, Media Studies and Art History, Art, Myth and Memory in a Dynamic Environment: A Preliminary Investigation, Susannah Tiller (3.30pm, Rom 304, McElwain Building).

School of Biomedical Sciences, The Limits of an Australian Shipping Policy. For details, telephone 07 3365 8999.

■ Thursday, September 19
School of Music, Fiddlers Festival (12.30pm, Nickson Room, Zelman Cowen Building).

■ Friday, September 20
School of History, Philosophy, Religion and Classics, Ethical and Public Policy Issues Raised by the Debate About a “Heroin Trial” in Australia, Prof Wayne Hall (3pm, Room E339, Forgan Smith Building).

School of Biomedical Sciences, Gastrointestinal Drug Absorption and Elimination: New Mechanisms, Prof Andrew Somogyi, University of Adelaide (1pm, Room 305, Skerman Building).

School of English, Media Studies and Art History, Australising the Internet: On Writing Internet Cultural History, Dr Gerard Coggin (1pm, Room 540, Micch Building).

■ Tuesday, September 24
Physics Museum, Precision Clocks, E/Prof Alan Emmerson (6pm, Room G.77, Parnell Building).

■ Thursday, September 26
Centre for Maritime Law, In Search of an Austrian Shipping Policy. For details, telephone 07 3365 2120.

School of Music, Vocal Recital, Emily Whelan, Mitchell Leigh (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, Twilight Concert – TQO Strong Quartet (6pm, Long Room, Customs House, 399 Queen St).

■ Friday, September 6 – Saturday, September 7
School of Music, Machine for Contacting the Dead, Elision (8pm, Judith Wright Centre of Contemporary Arts, 420 Brunswick St, Fortitude Valley). For details, telephone 07 3365 7314.

■ Thursday, September 12
School of Music, NYCC Recitalists (12.30pm, Nickson Room, Zelman Cowen Building).

■ Saturday, September 19
School of Music, Masters recital, Nathan Sinclair (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, El Cielo Canta (8pm, St Stephens Cathedral, Elizabeth St, City).

■ Thursday, September 26
School of Music, Fiddlers Festival (12.30pm, Nickson Room, Zelman Cowen Building).

EXHIBITIONS
■ University Art Museum, Big art – small viewer until September 22 (Level 5, Forgan Smith Tower).

CONCERTS
■ Thursday, August 29
School of Music, Flute Recital, Andrew Macleod, Sue Witham (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, Dinner Concert Spectacular with Jaleous Flamenco (7pm, Long Room, Customs House, 399 Queen St). For details, telephone 07 3365 8999.

■ Saturday, August 31
School of Music, Vocal Recital, Emily Whelan, Mitchell Leigh (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, Twilight Concert – TQO Strong Quartet (6pm, Long Room, Customs House, 399 Queen St).

■ Friday, September 5
School of Music, Vocal Recital, Emily Whelan, Mitchell Leigh (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, Twilight Concert – TQO Strong Quartet (6pm, Long Room, Customs House, 399 Queen St).

■ Friday, September 6 – Saturday, September 7
School of Music, Machine for Contacting the Dead, Elision (8pm, Judith Wright Centre of Contemporary Arts, 420 Brunswick St, Fortitude Valley). For details, telephone 07 3365 7314.

■ Thursday, September 12
School of Music, NYCC Recitalists (12.30pm, Nickson Room, Zelman Cowen Building).

■ Saturday, September 19
School of Music, Masters recital, Nathan Sinclair (12.30pm, Nickson Room, Zelman Cowen Building).

School of Music, El Cielo Canta (8pm, St Stephens Cathedral, Elizabeth St, City).

■ Thursday, September 26
School of Music, Fiddlers Festival (12.30pm, Nickson Room, Zelman Cowen Building).

OTHER EVENTS
■ Friday, August 30
Degrees of Success Lunch: cosmetic surgeon Dr Hugh Bartholomew (Links room, St Lucia Golf Links). For details, telephone 07 3346 3924.

■ Thursday, September 5
Social Work and Social Policy Practice’s Day: Will provide students and practicing social workers with an insight into the different streams of social work. (9am–5.30pm, Women’s College, St Lucia). For details, telephone 07 3346 3924.

■ Monday, September 16
Courting the Greats: award presentation for UQ’s Alumnus, International Alumnus and Young Alumnus of the Year. For details, telephone 07 3346 3924.

Library Hours for 2002
Information on library hours is available on the Library’s homepage www.cybrary.uq.edu.au or telephone (07) 3365 6703. 
“Can I do further study?”

Discover your coursework and research options at the UQ Postgraduate Information Expo.

Wednesday 25 September 2002, 3pm – 6pm. UQ Centre, Union Road (next to UQ Aquatic Centre). For details visit www.studyatUQ.net