THE TIME OF YOUR LIFE
STUDENTS SHARE THEIR TIPS FOR SUCCESS

IPAD AND ANDROID APPS AVAILABLE NOW
Study is a big part of going to university, but there’s so much more to uni life. UQ students have access to a wide range of sporting and extracurricular activities.

We’ve built world-class sporting facilities for everyone to use, and offer our gifted athletes sporting scholarships to help them achieve their goals. Our diverse academic clubs and societies are filled with students pursuing their passions outside the classroom. We also offer a fantastic campus lifestyle to enjoy.

Imagine the difference having access to all of this could make to you.

YOUR UQ. YOUR ADVANTAGE.
MESSAGE FROM THE VICE-CHANCELLOR

A STRONG START

Welcome to the start of what I am sure will be another successful academic year at The University of Queensland.

If previous years are anything to go by, we will have many achievements to celebrate. We start the year in the confidence that we are moving forward in our determination to be among the world’s most globally connected universities. We are already ranked in the world’s top 100 universities – all four key ranking schemes told us so.

However, while we celebrated many achievements last year, it was not always easy. It was a year where we accepted that there were things about our institution we needed to improve. A survey of our staff showed that aspects of our culture could be better, and we are already acting on those insights.

To our new students, thank you for choosing UQ. I am dedicated to ensuring that, in a few years’ time, you will be ready to tackle the challenges and immense opportunities of a global environment head-on, to benefit you personally and professionally.

We recognise that the skills needed to be successful in a global world can’t all be acquired in lecture theatres and tutorial rooms. That is why we offer a range of opportunities designed to make the student experience exceptional. Students at undergraduate level can be part of real research projects and our Office of Undergraduate Education facilitates a wide range of internships and volunteering opportunities. Participation rates in the UQ Abroad program continue to rise, and I encourage you to read the story on page 21, where Josseline Pettersson shares her excitement about embarking on a trip to the University Centre in Svalbard, Norway.

In 2013, we will continue to embrace technology-assisted and online learning. Our teachers are among the nation’s best, having won more national teaching awards than any other Australian university. This is a benchmark we will strive to maintain. Thanks to all our staff, who every day help maintain our reputation and make their marks as significant teachers.

Our position as a leading research institution was confirmed in 2012, with the Excellence in Research for Australia (ERA) assessment finding UQ has more specialised fields of research well above world standard than any other Australian university. The results show the depth of UQ’s research and our staff’s capability to jointly address complex global challenges, which we will continue to do in 2013.

On pages 12 and 13, you can read about researchers from UQ’s Global Change Institute, who are conducting research with impact: the first detailed health check of the deeper areas of the Great Barrier Reef, which you can follow online. Professor Ove Hoegh-Guldberg, who leads this Institute, was one of only two people at UQ, and 17 nationally, to receive an Australian Laureate Fellowship in 2012. The award recognises his tireless efforts to protect the Great Barrier Reef, and this project will seek to answer crucial questions about climate change and ocean acidification.

I can already foresee some challenges ahead. For our new first-years, it will be adapting to a different learning environment. For our researchers, it will be continuing to attract competitive funding. For our teachers, it will be continuing to keep abreast of e-learning developments to enhance our students’ learning. For myself and the University’s senior management, it will be making the best use of our budget so our future graduates can be best equipped to make Queensland, Australia and indeed the world a more prosperous and cohesive place for generations to come.

To the broader UQ community, including alumni, donors and everyone who understands a great state needs a great university, I thank you for that essential ongoing support. I have no doubt that 2013 will be tough, but, as 2012 shows, challenging times don’t stop UQ people from succeeding; they make us stronger and better.

Professor Peter Høj
Vice-Chancellor

Students share advice on Uni life

Explore options during O Week

Indigenous youth revel in campus

A day in the life

NEW PROGRAMS – Stay fit while you study with UQ Sport

QUESTION & ANSWER – Property and Facilities Director, Alan Egan

SUSTAINABILITY – Plumbing the depths of the Great Barrier Reef

RESEARCH EXCELLENCE – UQ consolidates its position as top-tier performer

INSIGHT – Student Sarah Ayles talks about her first days at UQ
STARTING UNIVERSITY CAN BE SCARY. HERE, WE CATCH UP WITH FIVE LATER-YEAR STUDENTS, WHO OFFER THEIR TOP TIPS FOR SURVIVING THE FIRST YEAR.
What were some of your feelings or emotions starting out at UQ?

Nicole: I was really excited, but it was also quite overwhelming. There was a lot to get used to and you had to be a lot more responsible for turning up to lectures and tutes yourself, but there was also a lot of people to help you.

How did you find O Week?

Ben: It's a must-do for any first-year coming to UQ. If you can't make it to any of the other days, definitely come to Market Day. All the clubs and societies set up a stall, and you can join as few or as many as you want to, and you instantly find a bunch of people who are all interested in the same stuff you are.

How do you think you changed throughout your first year at University?

Hannah: I've learned a lot about time management and how to budget my time, and how to work efficiently so that I could get all of the assignments done on time.

Are there any challenges that you've faced while being at University, and how did you go about overcoming those challenges?

Ben: For me, it was one of the first assignments I did. I wrote the assignment as you would as a high-school student. I got the grade back and was very disappointed. Rather than dealing with it on my own, I went and spoke to the lecturer and I spoke to my tutor and I spoke to the library and I said "what is expected of me here?" And people were so happy to help me out. It never happened again.

How have you gone about making friends at University?

Sarah: After your tutes and lectures have finished, don’t just go straight home. You can create study groups really easily and everyone’s in the same boat, so probably they’re just looking for you to make the first move.

What would be your best tip or advice to a new student starting at UQ?

Ben: One of the biggest things at University is writing academic papers, and the library actually offers how-to sessions. I went along to a couple of those, and it made my first year so much easier. They’re completely optional, but in going to them, you suddenly understand what the University is expecting.

What would be your advice to students relocating to study here at UQ?

Nicole: Student Services is always there to help. If you are feeling homesick and it does get quite bad, you can always go and talk to someone there. They’re always willing to chat.

What advice do you wish that you received when you first started at UQ?

Danica: I think it’s really important to remember that once you’re enrolled in your degree, it’s not the end. If you get in, start your study and realise that if you don’t like it, there are so many opportunities and different options that you can take. There are so many career advisors and academic advisors here at UQ who can help you with those decisions, and how you go about getting into different programs.

Nicole: Download UQnav before you start! I started as a first-year trying to use a map to get around campus, and it was really hard.

STARTING OUT AT UQ

Danica Allan, Bachelor of Business Management/Bachelor of Laws
Sarah Ayles, Bachelor of Medicine/Bachelor of Surgery
Ben Buckley, Bachelor of Laws/Bachelor of Arts
Nicole Hayes, Bachelor of Psychological Science (Hons)
Hannah Scott, Bachelor of Journalism/Bachelor of Arts
The University is gearing up for the start of the 2013 academic year, with Orientation Week running from February 18–22.

The University will welcome thousands of new domestic undergraduates and international students from all study levels. New students are encouraged to take part in Orientation Week, to attend important information sessions, familiarise themselves with their campuses and participate in an array of social activities.

Activities include faculty and school welcome sessions, compulsory international student sessions, information sessions on the services to help you with personal and academic life: Accommodation Services, Health Services, Student Services, UQ Union, UQ Library, UQ Sport, IT Services and more; Events and activities to meet people, build friendships and join clubs and societies, and campus tours.

For example, Accommodation Services (www.uq.edu.au/student-services/accommodation) can help with general renting tips (including avoiding scams), as well as finding both short and long-term accommodation and on-campus and off-campus places to live.

Students are encouraged to download UQnav – a free mobile application that contains searchable maps of UQ campuses.

Enter your destination and UQnav will show you where it’s located.

Students, staff and visitors can use UQnav to help find lecture theatres, laboratories, school and faculty offices, as well as where to grab a coffee, have a bite to eat or catch up with friends. Find out more about UQnav by visiting www.uq.edu.au/uqnav.

The UQ Union offers the UQU Companion app which can be downloaded free from the App and Play stores.

The app offers heaps of great deals and freebies, not just for around UQ but for all over Australia and even other countries from around the world.

So even if you’re travelling you can flick through all the deals around and you are bound to find something fantastic.

Aside from the discounts, UQU Companion is a diary and events calendar as well. You can add in your timetable, assignment due dates and any important events or meetings. All the events run by UQU are in this app and also any major events happening around campus.

The free Market Days (Ipswich – Tuesday, February 19; St Lucia – Wednesday, February 20; Gatton, Thursday, February 21) are popular events during O Week.

Market Day is an opportunity for students to join one of the many UQ Union affiliated clubs and societies; find out about the clubs, adventure and recreational activities offered by UQ Sport, and to familiarise themselves with other services and facilities available to them. There will be plenty of freebies, fun activities, and inspiring performances.

UQ Student Centre Manager Ken Aberdeen said the aim of Orientation Week was to assist new students with the transition to University life and to access
New students collect freebies during O Week.

the information and services available to them. These included workshops on assignment writing, reading, researching and note-taking, exam-preparation, time and study management, postgraduate research, presentation skills, group work and statistics support.

“Orientation Week is about assisting new students transition to University life. As well as finding out what formal programs the University has to assist them, an important part of the week is that students have fun and make some friends,” Mr Aberdeen said.

“Studies have shown that making friends is one of the most clear indicators of success at University. Market Day will give students a great opportunity to see the range of clubs and societies available for them to join up from the UQ Union and UQ Sport, where they can meet like-minded people.

“That said, some of the important information sessions that we are running include faculty welcomes and academic advising to help students choose courses, discovering the library, and IT training sessions.”

Director of Student Affairs Andrew Lee said: “While a notable number of new students have already started their studies with us this year, the month of February will see the arrival of most of our new students for Semester One 2013.

“Moving to a new study destination can be both an exciting and initially daunting process – for many it also involves establishing a new home, and often assimilating to a new culture and country.

“Regardless, for all, it will mean the need to familiarise themselves with how to get to their campus, find their way around, and feel comfortable there.”

Visit the Orientation Week website at: www.uq.edu.au/orientation/oweek
Visit the UQnav website at: www.uq.edu.au/uqnav

A better deal on your home loan.

At bankmecu, we’re 100% customer owned. We pass on profits to our customers in the form of benefits, like better home loan rates.

Our Basic Home Loan comes with a low rate, a range of repayment frequencies and no monthly fee. Now, that’s responsible banking.

Visit bankmecu.com.au/basic, call 07 3365 2399 or drop into our service centre at Building 41, University of Queensland, Staff House Road, St Lucia.
A SPORTING CHANCE

UQ SPORT HAS ALWAYS PRIDED ITSELF ON GIVING EVERYONE AT UQ AN OPPORTUNITY TO BALANCE STUDY AND WORK WITH A HEALTHY LIFESTYLE; 2013 IS NO EXCEPTION.

The year will kick off with UQ Sport’s week of free activities, PLAY4FREE, a week which will give students, staff and alumni a chance to explore everything from group fitness through to holistic health, dance, martial arts, sports coaching and fitness.

UnLife Manager Adin Hewat said UQ Sport had a goal of providing something for everyone at UQ, regardless of age, experience or level of fitness.

“PLAY4FREE is the perfect way for anyone involved with UQ to explore what we have on offer, especially given that it’s all free,” Ms Hewat said.

“The event will be held from February 25 until March 1.

“Anyone who registers online and participates in PLAY4FREE will automatically enter the draw to win a 12-month UQ Sport Gold Membership.”

Ms Hewat also said the range of programs and services from UQ Sport were set to expand in 2013.

“Our group fitness program is continuing to grow with over 60 classes per week, most of which are available during PLAY4FREE,” she said.

“The Social Sport program has become even broader with the addition of beach volleyball, 4-a-side futsal, and, dodgeball.

“Just like the movie! We will also be running indoor and outdoor netball, 7-a-side soccer, indoor soccer, indoor basketball, water polo and badminton.

“As part of the short courses program, the UQ community will also be able to tell us which programs they want to see here at UQ Sport via our on-demand service, which will appear later in the year.

“In the meantime, the 10-week short course programs will continue to offer the popular core courses such as belly-dancing, hip hop, contemporary dance, musical theatre, boxing for fitness, capoeira, and fencing.

“We’d love everyone to come and experience life on the UQ Sport team.”

For all details on PLAY4FREE, UQ Sport events and programs, visit uqsport.com.au or facebook.com/uqsport
More than the sum of its parts

Did you know that BCEC has a whole team of people whose sole job is to help Brisbane Scientists bid for international conferences to be held in Brisbane? Did you know this service is free? Did you know that if an international conference bid for Brisbane is more than 400 delegates and to be held at BCEC, our International Conventions Team can facilitate financial support to cover speaker fees or travel scholarships for the conference?

If you are bidding for an international conference, together we can do more.

\[ F = ma \]
\[ K = \frac{1}{2} kA^2 \sin^2 (\omega t + \phi) \]
\[ \Delta E = hv \]
\[ P_{\text{net}} = e_0 A(T + T_0) \]
\[ F = \frac{Gm_1 m_2}{r^2} \]
What does your job involve and how long have you been in your current position?

I’ve been at UQ for three years now, planning, developing and maintaining the UQ Estate – one of the most innovative in Australia. At St Lucia alone, more than 44,000 people come on to campus each day, so my job is to ensure the infrastructure operates and is maintained, construction and refurbishment continues, leaseholders are happy, space is allocated, security is in place, the grounds are in peak condition, energy is monitored, the place is cleaned and serviceable (70,000 cups of coffee and tea have to go somewhere!). Then there’s master planning, landscape development, sustainability, signage and parking. I fill in the day.

What do you enjoy most about your job?

I think I have one of the best jobs as custodian of the UQ Estate. I get to work with a dramatic mix of campus styles and character, from the stunning riverine gardens of St Lucia, to the heritage holdings at Ipswich and Gatton, through to the leading-edge building technologies at PACE and RBWH as well as the casual charm of Heron Island. The very supportive UQ community respects and engages with our campuses. Plus, I enjoy discussing parking complaints (no, not really).

What do you consider are the most important features of the University’s campuses?

Each campus is unique, but what makes UQ special is the relationship between buildings and landscape. The space between buildings is just as important as the buildings themselves.

The buzz and frisson that make UQ comes from how people engage within this environment.

Where did you work before UQ and how do you think this experience has helped you in your current position?

I was at the University of New South Wales (UNSW) for many years as the Director of Facilities Management. UNSW has a small footprint, so landscape and space is at a premium. I learnt there the importance of using space wisely and making it work for the campus community. An exciting sense of place can help drive the pulse of the campus and this is why UQ and all its different campuses work so well.

What book are you reading at the moment?

Kate Grenville’s The Secret River – a mystical relationship of people, time and place.

What hobbies and interests do you enjoy when not working at UQ?

I am a keen cyclist so I clock up a few hundred kilometres each week riding to and from work and exploring Brisbane on the weekends. I like the theatre, and fortunately Brisbane is getting better in its offerings.

What advice would you give staff and students interested in sustainability?

Sustainability is everyone’s responsibility. Don’t sit and watch or barrack from the sidelines, get involved. Every UQ student and staff member should become involved in contributing individually and collectively. A good starting point is to increase personal awareness and knowledge of contemporary sustainability and climate science issues.
Meeting new people, reuniting with friends and engaging in traditional Aboriginal dance were just some of the draw cards to this year’s Indigenous Youth Sports Program held at the St Lucia campus.

Student Rachelle Cornish, who studies Human Movement at UQ and is also a UQ mentor, said the week-long event was a fantastic opportunity for Aboriginal and Torres Strait Islander high-school students to have a taste of University life while connecting with fellow students from across South-East Queensland.

“Students are recruited from various schools, some from Brisbane and Ipswich,” Ms Cornish said.

“They come to the program for the week and enjoy various sporting activities that they may not have experienced before, and also are able to interact in workshops that provide insight into life at university.”

Some of the group workshops included dietetics and exercise physiology, public speaking and Aboriginal and Torres Strait Islander cultural activities.

“These group activities are a chance for these students to be exposed to different career pathways they may not have considered before,” Ms Cornish said.

Narikah Orchard participated in the program last year and was back this year as a mentor.

“It was a lot of fun,” Ms Orchard said.

“I had a really good time and decided I wanted to be further involved in the program this year.

“Seeing all the kids’ faces made me want to come back as a mentor this year.

“It’s a bit nerve racking if it’s your first time to the University and you’re meeting new people as well.”

Ms Orchard starts University this year at the UQ Ipswich campus, studying a Bachelor of Arts.

The Indigenous Youth Sports Program is coordinated by the Institute for Urban Indigenous Health and is strongly supported by UQ through the Pro-Vice-Chancellor (Indigenous Education), Professor Cindy Shannon, and the School of Human Movement Studies.

Key sponsors of the program include the Department of Health & Ageing, Brisbane City Council, Inala Wangarra and Mission Australia.

For more information, please email program coordinator John Brady at the Institute for Urban Indigenous Health: John.Brady@iuih.org.au.
EXPLORING THE DEEP
More than half of the Great Barrier Reef has lost its coral in the past 30 years, and it is likely that, of the remaining coral, half will be gone within the next few decades if action is not taken now.

UQ’s Global Change Institute, in conjunction with the Catlin Seaview Survey, is conducting the first detailed health check of the deeper areas of the Great Barrier Reef and inviting a global audience of web users to follow online via Google Street View.

The survey team use high-resolution, 360-degree panoramic cameras to take more than 50,000 images of 20 different sites on the reef.

Millions of online users around the world can now virtually “dive” the largest coral reef ecosystem in the world.

Professor Ove Hoegh-Guldberg, Chief Scientist on the project and Director of the Global Change Institute, said: “The Catlin Seaview Survey seeks to understand how coral reefs are changing by producing a high-resolution baseline of their current state at key shallow and deep reef sites around the planet.”

An estimated 1.5 million scuba divers and snorkelers explore the Great Barrier Reef every year but the majority of the reef lies beyond their reach.

Researchers from the Catlin Seaview Survey will unveil this hidden part of the world.

The deep reef (or mesophotic layer) lies 30 to 100 metres below the sea surface and has been largely unexplored due to the difficulty for human divers to access great depths.

It is nicknamed the “twilight zone”, for the eerie effect caused by dwindling light.

These deep reefs may be protected from certain environmental disturbances, such as cyclones and thermal bleaching that affect shallow reef areas.

The Catlin Seaview Survey team will assess the deep reef’s potential to act as a refuge for shallow reef flora and fauna escaping the threats of reef degradation caused by ocean acidification and ocean warming.

UQ researchers use specialised underwater robots to collect coral from the deep reef and have recently completed the deepest-ever coral specimen collection from the Great Barrier Reef at 125 metres.

Dr Pim Bongaerts, a postdoctoral fellow at the University, is the lead scientist on the deep reef component of the Catlin Seaview Survey. He is passionate about protecting as much of the Great Barrier Reef as possible from the effects of climate change.

His role is to coordinate research priorities for the deep-reef team and he is also a qualified scientific diver, which means he can dive to depths up to 40 metres and deploy temperature and light monitors, time-lapse cameras and collect coral samples.

Dr Bongaerts said: “This mesophotic layer, just beneath shallow reefs could provide coral recruits for the upper levels of the reef, providing a potential for them to help in the recovery of areas heavily damaged by climate change-related impacts. At the moment, we know little about the extent of larval movements between the shallow and deep reef, but we are seeing species that exist in both zones.”

“Deep reefs are unique eco-systems, that have been hidden away and unexplored, yet they are very much part of Australia’s natural heritage. We can expect our findings to reveal a far greater understanding of what is going on to enable reef corals to survive at such depths.”

Surveying the same spots year after year, and expanding the project to reefs around the world, UQ researchers hope to discover how climate change and other impacts are affecting reefs globally.

A DAY IN THE LIFE OF GILLIAN…

8.30am Arrive at work and check emails.

9am Meet with Art History course convenor to discuss dates for timetabled student visits to the museum in Semester One, and possible assessment items relating to current exhibitions.

9.30am Phone/email with colleagues in Studies in Religion to plan consulting with students visiting the Linde Ivimey exhibition.

10am Phone/email with colleagues in EMSAH and Education Queensland to discuss the development of a weekend seminar to accompany the exhibition Born to Concrete: Visual Poetry from the Heide Collection, on show at UQAM from July 6.

11am Meet with colleagues in the Fryer Library to work out how their material relating to Sir Douglas Mawson can be brought into a panel discussion on Linde Ivimey’s sculptures. Ms Ivimey’s recent series Ice Warriors was inspired by her journey to Antarctica on the Orion in December 2011 to commemorate the 100th Anniversary of Sir Douglas Mawson’s ill-fated expedition to Antarctica.

12pm Lunch.
As Curator of Public Programs, Ms Ridsdale is responsible for developing, implementing and evaluating education and public programs, including online resources, to promote learning and engage new and existing audiences.

“We want to do all we can to ensure that our visitors have a rewarding experience with exhibitions of contemporary art,” she said.

“Some visitors say to us ‘I can’t understand this’, or ‘how does this relate to me?’

“We recognise that these visitors, including from diverse fields of study at UQ, bring their own knowledge and experiences to our exhibitions.

“Public programming increases the ways our visitors engage with the ideas and themes explored in the exhibitions, and aims to stimulate reflective thinking and inquiry so participants can see how contemporary art is relevant to their lives and interests.”

The Art Museum runs between six and eight contemporary art exhibitions annually, with each show supported by public programming such as artist and curator talks, public lectures, panel discussions, tailored educational programs, masterclasses and professional development seminars for high-school teachers.

Ms Ridsdale said she drew inspiration from working closely with exhibiting artists and curators, previous experience as Lecturer/Program Convenor of UQ’s postgraduate program in Museum Studies, working in museums and art museums nationally and internationally, and postgraduate study.

“One of her priorities is to develop interdisciplinary linkages, exploring the relevance that the Museum’s programs have for groups on campus that may not have considered visiting the Art Museum.

“We’re very interested in the deeper, intellectual engagement that we can have, not just with our sibling disciplines such as art history and museum studies, but more broadly,” she said.

In 2012, the Museum hosted the Animal/Human exhibition, which explored the complex relationships between humans and other species.

A panel discussion on One Health, a worldwide initiative examining links between animal, human and environmental health, was one of the public programs that accompanied the show.

“The veterinary science staff and students came down from Gatton and the medical staff and students came from Herston for this public program,” Ms Ridsdale said.

“It was so stimulating to hear the panelists speak on One Health and engage with the exhibition, and, for many attendees, this was the first time they had been to the Art Museum.”

High-school students are also engaged, with masterclasses providing access to leading contemporary artists.

“We ask schools to select their 10 best students, so that we get a good cross-section of students coming to the museum,” Ms Ridsdale said.

“The energy in the Art Museum when we run those masterclasses is really quite special.”

12.45pm Meet/email with colleagues in Faculty of Arts and President of the Society of Fine Arts (student organisation) about events during Orientation Week. The Art Museum will offer curator and artist talks, musical performances and guest DJs on Market Day – Wednesday, February 20, from noon-5.00pm.

1.45pm Consult with staff on UQAM reception desk about the response to the So You Think You Can’t Draw engagement program. Visitors are able to pick up a pencil, some paper, a drawing board and a stool, and draw while inside the museum. Drawings can either be taken away or added to the drawing wall in the foyer.

2pm UQAM program planning meeting to discuss current exhibition program and public programming, and review future exhibition proposals.

3.30pm Continue work on report evaluating the impact and influence of the public programming developed in 2012 for Desert Country, a touring Indigenous art exhibition, and for the contemporary photography exhibition Polly Borland: Everything I want to be when I grew up.

5pm Head home.
And number 1 in the Asia Pacific region, too. More reasons why the UQ Business School MBA program is regarded as one of the world’s best, rewarding graduates with the invaluable expertise of lecturers actively involved with leading businesses.

MBA Graduate Mark Sowerby, founder and Managing Director of Blue Sky Alternative Investments Ltd, has used his MBA to establish an investment team of global professionals in private equity, real estate, hedge funds and water, and to list his business on the Australian Securities Exchange.

UQ Business School offers three MBA study options that provide flexibility and convenience, with the added benefit of an outstanding facility in the heart of the Brisbane CBD.

To find out more contact UQ Business School on 07 3346 8100, or email mba@business.uq.edu.au
Thirty-eight new doctors graduated late last year from the Bachelor of Medicine/Bachelor of Surgery (MBBS) program at Ipswich, which commenced in January 2009.

UQ Pro-Vice-Chancellor Professor Alan Rix said he remembered the discussions held about the concept of establishing a teaching program for the MBBS at Ipswich and the ideas that were held by many about whether this was achievable.

“The enthusiasm of all the staff involved was not only infectious but effective, and the results have proven the worth of the initial proposal,” Professor Rix said.

Head of the MBBS Program Ipswich Professor Geoff Mitchell said it had been his privilege to be part of the development that brought medicine training to UQ Ipswich.

“This group of students has been a phenomenal first class,” he said.

“We are very proud of their achievements, both in graduating as doctors, and being the pioneer class.

“They have done themselves and UQ Ipswich proud.”

The campus has seen many new facilities and renovations during the past four years, to ensure the students had access to the best available, and the result has proven outstanding.

Michelle Craigie and Robert Illingworth are two of the successful graduates.

Both went to high school in Ipswich and said they had been excited to discover they could return to Ipswich to study medicine at UQ.

Dr Craigie had originally applied for UQ’s undergraduate dual degree program in medicine straight from school. Unfortunately, she received a letter stating her application was not successful.

“So I went the long way round,” she said.

“I went into a dual degree Bachelor of Laws/Bachelor of Science at UQ and was then granted special consideration to graduate with a Bachelor of Science in 2008 so that I could accept an offer from UQ for a position in MBBS.

“When I was given the opportunity to study at Ipswich, I jumped on the opportunity.

“The small class size at Ipswich was a huge tick for me, not to mention being closer to home.

“My actual experience was even better than I thought it would be.”

Dr Illingworth said he liked the idea of being in the first medical cohort from Ipswich.

“The staff were excellent and since we started out with such a small group, we really bonded and got a more personal connection, plus the library here is phenomenal,” he said.

While neither Dr Craigie or Dr Illingworth have decided on their speciality, both will be remaining in Ipswich next year as interns and look forward to the future, whatever it might hold.

Dr Illingworth said he liked the small class size at Ipswich and the idea of being closer to home.

“My actual experience was even better than I thought it would be.”

Dr Smith said he was travelling to Montreal a week or two later and that we should meet face-to-face.

“That was not an opportunity I was going to miss, so I drove from Quebec City to Montreal and back through a snow storm to meet him, which paid off, as I was eventually accepted into his lab at IMB.”

Dr Smith’s PhD project, Revising the evolutionary imprint of RNA structure in mammalian genomes, expanded on Professor Mattick’s hypothesis.
The University has more specialised fields of research “well above world standard” than any other Australian university, according to a landmark Excellence in Research for Australia (ERA) assessment released late last year.

Thirty-five fields of research at UQ in the “four-digit” category received the highest possible score of five.

One hundred per cent of UQ’s research – evaluated across all 22 broad “two-digit” categories and 96 specialised “four-digit” categories – is at world standard or above, ERA shows.

University Vice-Chancellor Professor Peter Høj said the results emphatically showed that UQ offered an opportunity for excellent, research-led education across all fields.

“This shows the University has the capability to address complex global challenges – through multidisciplinary approaches,” he said.

“There are no weak links in UQ’s deep research excellence, in its interdisciplinary fabric, or in its ability to translate research results into wider societal good.

“It is no wonder that industry is investing almost $100 million each year into research at UQ.”

Professor Høj said that compared to 2010, UQ had lifted its results even further and moved to higher rating bands in six broad categories.

“I congratulate all our researchers, support staff and students whose hard work and dedication to make the world a better place is reflected in these results,” he said.

Professor Høj said UQ was continuing to consolidate its position as a top-tier, globally renowned, research-intensive institution producing real benefits for the world.

Furthermore, the Excellence in Innovation for Australia trial released last month showed that a number of our projects had delivered outstanding economic, social and environmental impact,” he said.

Professor Høj – a former chief executive officer of the Australian Research Council – said the ERA results more broadly indicated Australian university researchers’ continuing productivity increases.

“Australia’s universities are putting in very strong performances in all the major global higher education rankings assessments,” he said.

“This strong showing and detailed mapping should encourage both governments and business to boost investment in research and to benefit further from this widely distributed national pillar of strength.”

Professor Høj said a diversity of strength was clearly emerging in the sector.

“Although not all universities are comprehensive; they have significant strengths in individual areas,” he said.
This year’s Diversity Week theme – The Art of Diversity – refers to art in all its many forms and its agentic capacity to reach across human divides, to build common understandings and potentially develop shared understandings in situations of conflict.

Diversity Week will be held from Monday, May 20, until Friday, May 24.

Director of UQ’s Equity Office Dr Ann Stewart said: “With a small twist, the theme can also be used to consider how engagement with diversity in day-to-day practice, through teaching, learning, research and leadership might itself be a form of art.”

“This year, we invite members of the University community to explore what ‘The Art of Diversity’ means in the context of a globalised institution of higher education.

“The Art of Diversity is open to interpretation on many levels, so you may like to consider some of the tensions inherent in the relationship between ‘art’ and ‘diversity’, or alternately, how well do we, as a University, develop the art of diversity leadership in our staff, and in our graduates?

“Do we equip our students, who will become the leaders of tomorrow, with the capabilities required to lead and inspire groups comprising diverse people? Do we even consciously consider this as a fundamentally important aspect of our graduate attributes? And how does this relate to the quality and nature of the teaching and learning experience?”

As in previous years, the Vice-Chancellor’s Equity and Diversity Awards will recognise and reward outstanding efforts by staff and/or students in promoting equity and diversity within the University and the wider community.

Any parties interested in nominating should visit the Diversity Week website at www.uq.edu.au/diversity-week/.

This year, the awards will be celebrated with a lively debate that will delve deeper into the theme.

Senior Deputy Vice-Chancellor Professor Debbie Terry and Professor Wally Thomas will lead opposing teams in discussing the topic “Art is irrelevant to human progress”.

As usual, all staff and students are encouraged to consider the Diversity Week theme, and propose their own events to engage with this topic in their area.

“We look forward to another exciting and thought-provoking Diversity Week at UQ,” Dr Stewart said.

www.uq.edu.au/diversity-week/
A unique venue... for your next event...

FUNCTIONS - RESTAURANT - WEDDINGS

UQ STAFF, STUDENTS AND ALUMNI RECEIVE A 10% DISCOUNT WHEN DINING IN THE RESTAURANT
SUMMER LOVIN’

While many students enjoyed a well-deserved vacation over the summer, Anya Lim devoted her holiday to research.

Ms Lim, who is completing a Master of Communication for Social Change at UQ, participated in the Summer Research Program, an initiative that provides students with an opportunity to undertake a formal research project in their field of interest at UQ.

“I was invited to join a team of researchers on the Cultural Inclusivity Project, which seeks to integrate cultural diversity and Indigenous knowledge into the courses offered by UQ’s School of Journalism and Communication,” Ms Lim said.

“Our research findings may be used to design future curriculums and course profiles, which will equip students with skills that will prepare them to work in a culturally diverse and indigenous context by increasing their cultural sensitivity and awareness.”

Ms Lim works tirelessly to promote Indigenous cultures in The Philippines, her home country.

“One day, I hope to go home and continue running the social and cultural enterprise that I run with my mother, that works to preserve and promote weaving culture among Indigenous communities,” Ms Lim said.

The UQ Summer Research Program, which is coordinated by the Office of Undergraduate Education, was introduced in 2008.

All participants receive a $300 weekly stipend for the duration of their research projects.

Dr Jessica Gallagher, Acting Director of the Office of Undergraduate Education, said demand for undergraduate research experiences had grown considerably over the past few years, with more than 540 participants in 2012/2013 – the largest cohort in the program’s history.

“This year alone, we have seen almost a 20 per cent increase in participation in the Summer Research Program, and we have been thrilled to welcome 75 non-UQ students to UQ from other universities in Australia, New Zealand, Asia, Europe, the Americas and Africa,” Dr Gallagher said.

“We encourage undergraduate students to get into research experiences, so they can develop links with industry and academic contacts and understand the importance of background research before embarking on higher degree research projects.”

For more information about undergraduate research programs, visit www.uq.edu.au/undergraduate/undergraduate-research-programs.

ARCTIC ADVENTURE

While many Australians have yet to see snow, Josefine Pettersson (pictured) is set to immerse herself in arctic science at the world’s northernmost higher education institution, the prestigious University Centre in Svalbard, Norway.

The University of Queensland student, who is completing her Bachelor of Science majoring in Zoology, is looking forward to taking courses in arctic biology and environmental management from the vantage point of 78° N.

“Studying at the northern most research institution in the world poses a challenge for any warm-blooded Australian as the average temperature is constantly in the minuses,” she said.

“It’s also a shock to our Vitamin D levels!”

A self-confessed “adventure junkie”, Ms Pettersson has been selected to study at the unique centre, which accepts less than 500 students from around the world.

“I think I must have watched a bit too much David Attenborough as a kid,” she said.

“As soon as I read about the University Centre in Svalbard, with its tantalising mix of adventure at one of the last frontiers and unique and arctic environment, the application process began.”

Ms Pettersson said she was eager to take advantage of the centre’s distinctive location, where students could simultaneously study and conduct fieldwork in the arctic environment.

“Field-based experience is invaluable in my field of study, especially in terms of future job prospects,” Ms Pettersson said.

“When I first started my Bachelor of Science degree, I had no idea what I wanted to major in, but I knew it needed to be close to nature.

“It quickly became evident that zoology and environmental science complemented my interests perfectly.”

Along with her enthusiasm for getting out into the field, Ms Pettersson is an advocate for seeking out overseas opportunities, having already completed an exchange to Belgium while in high school.

“I thoroughly believe that a true education, in this day and age, is a combination of both study and life experience,” she said.

“I think university exchange will challenge the senses and prepare me for my future career in zoology, which requires cooperation with individuals from varied cultures and backgrounds.

“I’m looking forward to experiencing my discipline from a different perspective, learning a new way of life and meeting people from all over the world.”

Dr Jessica Gallagher, Acting Director of the Office of Undergraduate Education (OUE), echoed Ms Pettersson’s enthusiasm for global and cultural engagement and encouraged students to discover non-traditional exchange destinations.

“With over 175 partner institutions, UQ students can study overseas in 38 countries through UQ Abroad, in locations as diverse as Norway, India, Turkey, China and Brazil,” Dr Gallagher said.

“Whether for study, professional development or research, global experiences give students a competitive edge in today’s job market and a network of lifelong friends and contacts.”

For more information about global experiences for undergraduates, visit www.uq.edu.au/undergraduate.
Professor Penelope Sanderson has received the highest possible honour in the field of human factors and ergonomics education.

Professor Sanderson was awarded the Human Factors and Ergonomics Society (HFES) Paul M. Fitts Education Award for 2012. “There is no higher award for educational achievement in human factors, with nominations submitted by past and present students on the basis of student influence. The field of human factors is concerned with improving the fit between humans and technology. Human factors professionals advocate the design of technology that is centred around human needs. Professor Sanderson has been a world expert in this area, as both a researcher and an educator, for nearly three decades. The goal of Professor Sanderson’s work is to develop new interactive technologies that help people monitor and control safety-critical systems. She focuses on hospital critical care settings, power system control rooms, and aviation environments. “At UQ we’re lucky to work in some exciting fields,” Professor Sanderson said. “We keep good contact with the field so we know when our theories lead to useful outcomes, but also when we need new approaches.”

Professor Sanderson applies these lessons in her teaching. “This year, I took my undergraduate students on three field trips to some key hospitals and control room settings in Brisbane, as part of their course,” she said. “The students saw how different kinds of safety-critical work is done, and they got to talk with the people involved.”

Professor Sanderson, who has a joint appointment with UQ’s Schools of Psychology, Information Technology and Electrical Engineering, and Medicine, leads a collaborative research team within the fields of Cognitive Engineering and Human Factors. Head of the School of Psychology Professor Bill von Hippel congratulated Professor Sanderson on her recent award. “Professor Sanderson and her team of world-class researchers continue to break new ground with their work and we look forward to continued success in this discipline,” he said.

Professor Sanderson has been granted Fellowship status within the Human Factors and Ergonomics Society. She was also awarded the 2012 American Psychological Association (APA) Division 21 Franklin V. Taylor Award for Distinguished Contributions to Applied Experimental and Engineering Psychology.
Do all investment bankers have to think the same?

Agile minds beg to differ

Global Graduate Programs
Life at Deutsche Bank isn’t about following the crowd. From the moment you join, we’ll expect you to look beyond the obvious and approach problems creatively. Because the needs of our clients are constantly evolving, we continually have to innovate — with new product ideas, new investment strategies and new technologies. And that can only happen if we’re prepared to challenge conventional thinking.

Discover something different at db.com/careers/aus

Passion to Perform
New vegetable research into protective cropping in the South Pacific islands and Australia could help overcome challenges posed by climate and global food security.

Queensland horticultural researchers recently met with vegetable industry representatives and groups from across Fiji and Samoa to discuss a new approach to developing protected cropping systems for the region.

The research, due to begin in 2013, will validate crop-growing systems that are likely to raise the production of high-value vegetables and increase grower incomes.

Researchers working for the Pacific Agribusiness Research for Development Initiative (PARDI) within the Queensland Alliance for Agriculture and Food Innovation at UQ are heading the research.

Project leader Dr Eli Jovicich, from the Queensland Department of Agriculture, Fisheries and Forestry, and PARDI researcher Shane Dullahide, from UQ, met with industry representatives throughout Fiji and Samoa to discuss low-cost protective structure designs and research activities.

They visited farms already using protective cropping and met with importers of protective structures.

Dr Jovicich said it was clear from the meetings that participants would make the most of the opportunities offered by protective cropping systems.

“Protective cropping systems involve the use of some type of structure supporting a cover material above plants grown with cultural methods that maximise yield per unit area,” he said.

“Yield and quality of commodities, such as capsicum, tomatoes and leafy vegetables could be increased considerably through the adoption of appropriate, low-cost protective cropping systems in many areas across the South Pacific islands.

“In the warm tropics, crop covers increase productivity by protecting crops from extreme inconsistent weather events.

“Research into crop covers will also be conducted in North Queensland. The structures and techniques developed through collaborative work will benefit vegetable growers in the South Pacific islands and Australia.”

PARDI is coordinated by The University of Queensland and funded by the Australian Centre for International Agricultural Research (ACIAR).

Protective cropping project participants include commercial growers, the Secretariat of the Pacific Community, the Fiji Ministry of Primary Industries, Fiji National University, the Ministry of Agriculture and Fisheries (MAF) in Samoa, Queensland Department of Agriculture, Fisheries and Forestry, Aus-AID and researchers from other associated PARDI and ACIAR projects.

PARDI project participants view vegetable production under a protective structure.
A physics iLab experiment at The University of Queensland has just welcomed its 8000th student, carrying the University’s name into the science classrooms of North America.

Since 2007, the experiment, designed and built at UQ, has been teaching high-school students in Illinois about the spread of radiation and the inverse square law.

However, unlike conventional experiments, the equipment used is housed and runs from the famous Parnell Building at UQ’s St Lucia campus, with the American students accessing it over the Internet.

“The iLab radiation experiment is based on radioactivity experiments that were originally taught in two of our UQ undergraduate physics courses,” said Dr Gary Tuck of the School of Mathematics and Physics, who assisted in constructing the iLab experiment.

The iLab experiment examines the intensity of radiation over distance, thereby demonstrating the effects of the inverse square law.

Students log in to iLabCentral.org, select the radiation experiment, and run the experiment, testing different values for the dispersal of radiation as distance increases from the radioactive Strontium-90 source.

They then receive data for analysis in the form of a .csv file.

“One of the units of this experiment enables the statistical nature of the decay of radioactive elements to be observed and also allows us to test the validity of the inverse square law for radioactive emissions,” Dr Tuck said.

Associate Director of UQ’s Centre for Educational Innovation and Technology (CEIT) Dr Mark Schulz led the experiment, with UQ’s Len Payne designing the control system, and staff at the UQ School of Information Technology and Electrical Engineering workshop built the physical mechanism.

With his background in physics, Dr Tuck assisted in providing interpretations of results, as well as equipment components such as the radioactive Strontium-90 source.

Colleagues at Northwestern University in Chicago organised groups of high-school teachers to create an online learning framework incorporating the experiment for their students.

Funding was organised through the Massachusetts Institute of Technology by Professor Phil Long, Director of CEIT, from an NSF grant CI-TEAM Implementation Project – The iLab Network: Broadening Access to Hands-on STEM Learning via Remote Online Laboratories.

Dr Mark Schulz (left) and Professor Phil Long of CEIT

Check out the introductory video at http://ilabcentral.org/10.php.
UPCOMING EVENTS

CAREERS GALORE
The UQ Careers Fair is an annual event that brings together University students and major employers from across the country. Students are invited to attend the Fair to meet employers, each of whom will have their own booth and display area.

The 2013 Careers Fair will be held on Wednesday, March 20, 2013, at the UQ Centre from 11am–3pm.

For UQ students, the event offers a unique opportunity to meet face-to-face with leading employers from government and private industry. The Careers Fair enables students to explore their career opportunities and obtain specific information about individual companies. In addition, a number of participants will be giving away useful information on finding employment, preparing resumes and performing well at job interviews.

NOTICES

LIBRARY OPENING HOURS
Please check Library opening hours at: www.library.uq.edu.au/hours

UQ CUSTOMS HOUSE – A BEAUTIFUL PLACE TO DINE
Customs House is UQ’s riverside base at 399 Queen Street in Brisbane’s CBD. It links University and community as a focal point for cultural and educational activities and offers brasserie dining as well as facilities for corporate and private functions for up to 350 guests, including a boardroom for meetings, and a seminar room with audio-visual facilities.

There is also a ballroom suitable for large gathering. Staff can receive a 10 per cent discount on meals. Information: http://www.customshouse.com.au or email info@customshouse.com.au.

EASY, ON-CAMPUS CATERING
Schonell Catering & Events are situated on the St Lucia campus and offer high-quality catering that can be delivered to any venue on campus for your convenience. For an obligation-free quote, call 07 3377 2206 or email schonell.events@uq.edu.com.au or visit http://www.schonellevents.com.au/events.html for more information.

UQ NEWS
UQ News is produced by the Office of Marketing and Communications, The University of Queensland, Brisbane, QLD, 4072, Australia

UQ News Issue 605
Project Coordinator: Shirley Glaister

Contributors:
Kristen Bastian, Jessica Boulter, Pahia Cooper, JP Crawford, Steve Forster, Jessica Freiberg, Dr. Jessica Gallagher, Anjanielle Hudson, Aarti Kapoor, Melinda Kopusais, Julie Lloyd, Brian Mallon, Melanie Martin, Prue McMillan, Julie Milton, Georgia Mitchell, Stacey Outram, Suzanne Parker, Professor Alan Ric, Grant Robinson, Penny Robinson, Ingrid Rubie, Mark Schroder, Professor Emeritus Roland Sussex, Kate Swanson, Matthew Taylor, Gary Tuck, Dr Daniel Walker and Lesley Whittleker

Design: Paul Thomas
Printing: Fergies Print & Mail
Circulation: 15,000
Advertising:
Tina Hannan, advertising@uq.edu.au
Registered by Australia Post
Publication No. QBH 0104
www.uq.edu.au/news
CRICOS code: 00256B

UQ NEWS TV
To view featured online content such as video stories and photo galleries, use your phone to scan the QR codes printed throughout the magazine
involved the planting of 2000 trees on the Gatton campus, with the help of more than 60 student and staff volunteers. “This planting, in addition to helping restore the critically endangered swamp tea-tree ecosystem, will teach students about the processes of creating a carbon offset project and calculating the quantity of greenhouse-gas emissions that will be sequestered as the trees grow,” Dr Dargusch said. Dr Dargusch will be using the sites as part of his teaching.

Projects planned for the future include: revegetating a stretch of the Lockyer Creek that was damaged by the January 2011 floods; capturing methane from the Gatton campus piggery to create electricity; trialling innovative techniques for revegetation on degraded land at the Gatton campus; and stimulating the regrowth of mangroves along the banks of the river at the St Lucia campus to inform the science and politics of blue carbon projects. “These projects will complement UQ’s highly regarded solar PV program, which is already providing students with a hands-on renewable energy experience,” Dr Dargusch said. The Living Laboratories project brings together expertise from across the University and external partners to provide practical learning experiences for students.
Starting as a new student at The University of Queensland meant a lot of excitement for me. I had expected to feel a little daunted coming to a University with 46,000 students, especially after my school in Toowoomba had only 80 graduating seniors in my year. However, from attending O Week, both at St Lucia and Ipswich campuses, and talking to faculty staff and my lecturers, there was so much help and support offered that my transition to Uni was made quite easy. Attending O Week was exceptionally helpful. It allowed me to meet other people who were studying in my program and I got an opportunity to try and find where my classes would be taking place.

Studying at university is very different from school and so I think I really grew from the challenge. Student Services and the staff at the Bachelor of Health Sciences were always willing to help me during my first year (in fact they are still able to help me even now going into my third year). Reflecting back on my first year, I think it took me one semester to get accustomed to the study load and style of teaching and once I overcame that hurdle, second semester was an opportunity to get more involved in extracurricular activities which I was passionate about.

I chose to study at UQ because of its academic successes and its vibrant campus culture. Despite it being one of the most prestigious universities in Australia, I’ve always really appreciated the relaxed and approachable atmosphere made possible by the fantastic teaching staff and Brisbane sun.

I absolutely love studying at UQ. University isn’t just classes; it’s actually a lifestyle. While studying full-time is a high workload, you have a lot of flexibility with your timetable and therefore can easily become really active within clubs or societies, maintain a part-time job and also spend time with friends and family. I’ve also made some great friends at Uni, from Health Sciences but also from all different faculties thanks to my participation in different clubs and also through staying at St John’s College for my first two years. In fact I recently moved into a share house with four friends, three of whom I had not met until coming to UQ.

My advice to new students would be to join and actively participate in at least one club or society within the University. It’s a great way to meet people and get involved in campus life. Don’t be too worried if you find the transition to Uni study in first semester difficult – if you make it through and discover what works best for you, it will get a lot easier.

Finally, if you ever find yourself a bit confused there’s actually no stupid questions. Ask your lecturers, ask other students and ask student services. Everyone is happy to help so don’t struggle in silence.