

## Careers Day draws crowds



"Professor and Professor, the Scientists of Fun", caught the attention of six-year-old Georgia Amery at QUT's Course & Careers Day.

About 15,000 visitors flocked to QUT's annual Course & Careers Day on Sunday, July 18 held under sunny skies at the Gardens Point campus.

Employers and professional bodies were part of the action as the country's fourth-largest university opened its doors to potential future students and their families.

There were dozens of informative talks about courses on offer in QUT's eight faculties. Hundreds of QUT faculty and administrative staff members were stationed at handy information points.

Frisbee competitions were held throughout the day and participants whose frisbees landed in a tank went into the draw for one of five CD gift vouchers that were given away. The winners were Jason Allen, Prajwal Basnet, Amanda Jaques, Emma Bollington and Meilsa Henderson.

Campus tours were held regularly, and a range of interactive, practical activities, kept visitors busy.

One crowd-pleaser was a belly-dancer, Princess Shahara, who performed at the School of Public Health stall with a lumbar motion monitor attached to her back. Her message was that only trained people should attempt manoeuvres which place strain on the spine.

## Outstanding staff recognised for valuable contributions

Hard work paid off for the recipients of the 1999 Outstanding Contribution Awards for QUT general staff when they received their prizes at a recent ceremony.

Paula Callan, reference librarian at the Carseldine library, Jackie Comerford, manager of the Student Services and Cooperative Education unit at the Faculty of Information Technology and Veronica Hughes, graphic designer at the Publications and Printing Unit of the Division of Administrative Services were honoured for outstanding work.

Ms Callan was recognised, for among other things, responsibility for significant innovation and improvement

in operating systems, technical and administrative procedures.

Ms Comerford's award was for significant innovation and improvement in operating systems, technical procedures and administrative practices.

Ms Hughes was recognised for excellent service and promoting links between QUT and outside organisations.

The Alumni Relations unit of the Development office, comprising Leesa Watkin, Jill Dale, Lisa Russell, as well as Deborah Sheedy, previously with the Faculty of Health, also received the award for contacting 2,500 graduates and former staff of the Central Technical College for a grand reunion in June

1998. More than 300 graduates and their families attended the highly successful reunion.

The response from those who attended the reunion was that it was an outstanding event.

The awards were presented by the Vice-Chancellor, Professor Dennis Gibson.

Professor Gibson paid tribute to all those who had been recognised and thanked them for their contributions.

First presented in 1996, the awards include a presentation plaque and certificate, as well as a \$2,000 individual grant and \$6,000 group grant to be used for work-related purposes.

Juliana Yeh

## Honours bestowed by QUT



QUT honoured several Australian and State leaders at graduation ceremonies held in April and May at the Queensland Performing Arts Complex. Queensland Governor, Major-General Peter Arnison, (centre) received an honorary doctorate at a Faculty of Science graduation ceremony. He is pictured with 10 PhD graduates from the Science Faculty. • For more pictures and reports, see Page 5.



Mapping laboratory hits new terrain

◀ P 2



Recalling QUT's fascinating past

◀ P 3



Solving a clanger of a problem

◀ P 5

## Research plan offers challenges, opportunities

The long-awaited Federal Government Green Paper on Research, *New Knowledge, New Opportunities*, is the first major review of research policy and funding in Australia for a decade. It will undoubtedly change the research landscape, especially for universities.

Of course it provides opportunities and challenges for QUT. The emphasis on collaborative teams working with industry on real-world problems and the commercialisation of research underscores the traditional directions of this university.

The research training issues raised have already been recognised at QUT, partly through the outcomes of the Pitman Review of Research undertaken last year. The appointment of a director of Postgraduate Research Studies, collaborative efforts with the other Australian Technology Network (ATN) universities, as well as a substantially revised research plan which emphasises end-users of research, have positioned QUT well to respond to the new environment.

The proposed new funding arrangements are not entirely clear.

A single National Competitive Grants Program subsuming most current Australian Research Council (ARC) programs will be allocated to two elements of research, namely to fundamental "discovery" research, and to collaborative research and investment in strategic infrastructure which creates "linkage".

The research training component of operating grants, research quantum and ARC small grants schemes are to be replaced by an Institutional Grants Scheme - allocating according to full-time equivalent research students, research income, including industry funding.

We will need to ensure we are competitive in key areas to regain as much as is taken away.

The possibility for holders of research scholarships to change institutions after a year, intended to enhance student choice, will also have an impact on how we supervise, support and market ourselves to research students.

Responses to the Green Paper are required in Canberra by October 1. The Deputy Vice-Chancellor, Professor Peter Coaldrake, is co-ordinating a response from the ATN universities.

The Pro-Vice-Chancellor (Research and Advancement), Professor John Corderoy, will co-ordinate the QUT response through a number of opportunities, including a special seminar, as well as at meetings of the University Research Committee and University Academic Board.

No doubt faculty research committees and other forums will also generate views and inform our university's response.

Professor Dennis Gibson



# World experts at workshop

Some of the most influential leaders from Australian and overseas higher education organisations were among 100 people who attended a two-day workshop at QUT last week to examine the *Business of Borderless Education*.

The event marked the half-way point in an international Evaluations and Investigation Project (EIP).

The QUT project is being funded by the Department of Education, Training and Youth Affairs (DETYA) and is supported in Australia by The Australian

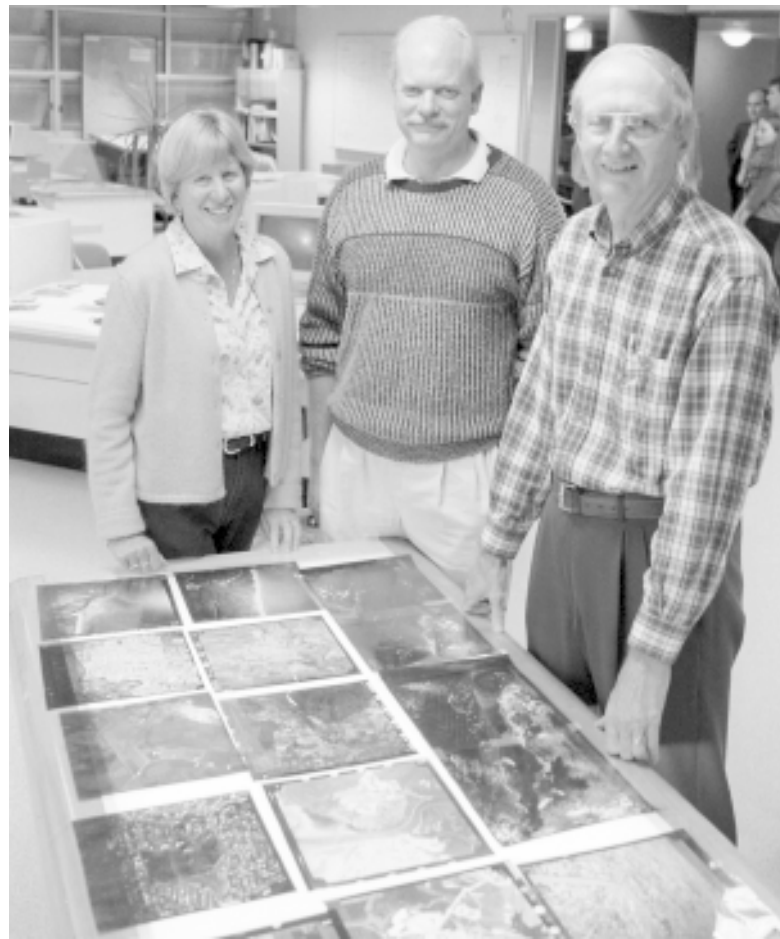
Vice-Chancellors' Committee, and Murdoch University.

The Committee of Vice-Chancellors and Principals (CVCP) in the UK are carrying out similar work overseas.

Opening the workshop, QUT Vice-Chancellor Professor Dennis Gibson said that convergence, deregulation, the changing role of Government in higher education, and greater expectations from students and employers of graduates were driving change in Australian universities.

The team's initial EIP report, published last year, raised issues of consumer protection, co-ordination of regulatory frameworks and accreditation. This second project focuses on the current state-of-play with corporate, virtual and for-profit providers.

CVCP Director of Policy Development Dr Tony Bruce and Surrey University's Professor of Higher Education Robin Middlehurst travelled from the UK to present their research findings.



Marking a new era for QUT's photogrammetry laboratory are (from left) School of Planning, Landscape Architecture and Surveying lecturer Sue Buzer, new laboratory manager Ian Pagan and retiring manager Maurice Friend.

## Mapping Science has high-tech laboratory

Laboratory manager Maurice Friend helped usher in a new era for the university's 25-year-old photogrammetry laboratory before retiring from the job he has held for 20 years.

Mr Friend was on hand to celebrate the renaming of the laboratory as the Mapping Science Laboratory at a ceremony held by the School of Planning, Landscape Architecture and Surveying in D Block at the Gardens Point campus in June.

The new laboratory has been heralded as a facility for the future.

It provides state-of-the-art digital equipment for aerial photos, digital terrain modelling (3D), satellite imagery analysis and multimedia mapping.

The laboratory has been set up as a self-directed flexible delivery facility, with a variety of software and systems installed for use by students and researchers.

Ian Pagan has been appointed the new laboratory manager.

Andrea Hammond

## Researchers call for car lovers to volunteer

Psychologists at QUT need volunteers to help them better understand why Australians love their motor vehicles.

They are calling for more than 100 volunteers, aged 18 to 60, willing to discuss how they treat their cars and the way they drive them.

Focus groups of drivers of different ages will be held at the Kelvin Grove and Gardens Point campuses.

QUT senior lecturer in Psychology Dr Sandy Smith said the research would also focus on how people experienced car ownership and driving.

Interested drivers should call (07) 3864 4623 and leave their name and contact number.

Dr Smith said volunteers should indicate whether they are interested in participating as private vehicle owners or as professional drivers.

## University authors publish new books

A number of QUT staff and former staff have recently published or collaborated on new books.

• A novel, *Angels in the Architecture*, has been written by Mary-Rose MacColl, a QUT graduate and the former executive officer for the Vice-Chancellor.

The new novel, from the 1995 runner-up in the Australian/Vogel Literary Award, is a mystery, romance and a 20<sup>th</sup> Century journey to faith and the triumph of love set in a fictional Brisbane university.

Ms MacColl teaches writing and issues in publishing part-time at QUT.

• The Centre for Commercial and Property Law recently released a book highlighting the controversial issue of guarantees and solicitors' certificates.

*Guarantees and Solicitors' Certificates: Guidelines for Lawyers, Financiers and Guarantors*, traces recent developments in the law of guarantees, looking particularly at cases where legal practitioners have been sued for negligence while advising guarantor clients.

It is a joint collaboration between Professor Berna Collier and Associate Professor Bryan Horrigan of the centre, and Professor John Phillips from Kings College, University of London, who visited the Law Faculty last year.

The book is the first in an ongoing series of monographs to be published



Novelist Mary-Rose MacColl.

by the Centre for Commercial and Property Law.

• A joint effort between QUT and Education Queensland has resulted in a book being published on curriculum development and leadership.

Funded by the Australian Research Council over more than three years, research teams have compiled a monograph titled *Places and Spaces for Teachers in Curriculum Leadership*.

The monograph contains a major input from a number of researchers from QUT, including Tania Aspland, Bob Elliott, Ian Macpherson, Adrian McInman and Christine Proudford, all from the School of Professional Studies, and Ross Brooker from the School of Human Movement Studies.



*'It's from the virtual university inviting us to the welcome function for new staff and students. The party will be held at vnewstaff.edu.au.'*

From the Inside ...

by David Hawke



(From left) Professor Noeline Kyle and Catherine Manathunga of QUT and Sunshine Coast University academic Joanne Scott ... joint authors of a new book on the university's history.

## QUT history book in A Class Of Its Own

By Andrea Hammond

The colourful history of QUT's 13 predecessor institutions is examined through lively accounts and photographs in the book, *A Class of its Own: A History of Queensland University of Technology*.

The book was written by QUT academics Professor Noeline Kyle and Catherine Manathunga and Sunshine Coast University academic Joanne Scott.

Professor Kyle said the history of QUT was largely synonymous with the history of higher education in the State.

"QUT was established in 1989, but it incorporated a series of 13 predecessor institutions stretching back to 1849 and is the only university in Queensland which can claim such a rich and extensive past," Professor Kyle said.

"*A Class of its Own* explores the histories of these institutions and examines their distinctive aspects.

"It analyses their similarities in relation to one another and sets them

within the broader history of higher education in Queensland."

Professor Kyle said the book had placed a deliberate emphasis on policies and people and was based on interviews and documents collected and written over four years.

The book, *A Class of Its Own: a History of Queensland University of Technology*, and an exhibition were officially launched by former Director General of Education in Queensland Clyde Gilmour in May at the Queensland Museum.

Fittingly, Mr Gilmour was also a graduate of the Central Technical College which went on to become QUT in 1989.

The exhibition, which ran until early July, provided a pictorial history of QUT and its predecessor institutions.

The exhibition of photographs, artwork, posters and video weaved a colourful picture of the university and its predecessor institutions from the mid-1800s to the present day.

# Breakthrough opens optometrists' eyes

By Amanda O'Chee

Optometry researchers at QUT have developed the world's first technique enabling optometrists to "see" as their patients see.

Traditionally, optometrists have relied on patients to describe their vision, but the new technique, which could possibly be commercially available within five years, is the first time that optometrists have been able to see how their patients view the world.

The technique has been developed using signal and image processing technology used in electrical engineering, with optical techniques developed by QUT's School of Optometry.

Developed by a team including Dr Robert Iskander, Associate Professor Michael Collins, Brett Davis and Professor Leo Carney from QUT's Centre for Eye Research, the technology will enable optometrists to better diagnose and treat patients.

The technique works in two steps. The optometrist uses a wave front sensor system to map the optical aberrations on the patient's eye.

Most of these aberrations can be corrected with conventional spectacles and contact lenses.

Next, the information is fed into a computer software program – developed using signal and image processing tools – to reconstruct an image of the way their patient would view an object or scene, based on the patient's eye aberrations.

Dr Iskander said the technique would eliminate the problem of patients who are unable to accurately describe problems with their vision.



Optometry researchers Dr Robert Iskander and Associate Professor Michael Collins (above) have developed a technique which reconstructs how patients "see" in tests (shown right).



"There's more to having bad vision than having blurry vision; there can be distortion or doubled vision and it's often difficult for people to articulate that," Dr Collins said.

"Using charts to measure vision, doesn't tell the whole story. Unless you see what the patients are seeing you don't

understand the complexities of what they're seeing."

The Centre for Eye Research wants to encourage students studying electrical engineering, physics, mathematics and biomedical engineering to consider undertaking post-graduate studies in this field.

## Carseldine achievers to be rewarded

By Andrea Hammond

Present and past students from QUT's Carseldine campus are eligible to win one of 12 QUT Northern Corridor Community Achiever Awards.

The awards are designed to recognise Carseldine Faculty of Business and Faculty of Arts students who have made a significant contribution to business, the arts or the local community.

QUT Pro Vice-Chancellor (Northern Corridor Development) Dr Adam

Shoemaker said the awards would focus on innovative activities.

"We want to highlight our high-achieving students who have brought something extra to the world of work, the arts, or have made a difference in the community," Dr Shoemaker said.

A pool of QUT students has been nominated for the awards, which are part of the 1999 Quest Newspapers Business Achievers Awards.

The 12 new awards are part of a collection of initiatives designed to grow

the status of QUT in the Northern Corridor region between Brisbane's northern suburbs and Caboolture.

Teaching in environmental science will begin on the campus in July, while a new communication major taught by the Faculty of Business will be inaugurated in February next year.

QUT's Faculty of Information Technology will also begin teaching undergraduate subjects at the Carseldine campus, beginning in Semester One, 2000.

## Peace program brings results

An anti-violence school program run by QUT is helping to slash student truancy and detentions, preventing schoolyard fights and boosting students' academic performance.

The findings come from the first formal evaluation of the Peacebuilders program which is being run in seven Queensland schools, supported by Associate Professor Simon Petrie and Dr Gayre Christie from QUT's School of Justice Studies.

Results have shown that Peacebuilders – which teaches students the skills to stand up against violence and maintain a positive approach to life – can reduce school violence, improve students' attitudes towards learning, and provides hope of ending the generational cycle of violence in society.

Goodna State School, in Brisbane's west, has witnessed a remarkable turnaround since the Peacebuilders program was introduced in 1997 to counter frequent graffiti attacks, disturbingly high rates of truancy and detentions, playground violence and racial tensions.

In just two years, detentions have been cut by 43 per cent and student satisfaction has increased 16 per cent.

The number of police callouts to the school fell from 24 callouts – an average of more than once a fortnight – in 1996, to just four callouts in 1998.

With fewer disruptions and less stress, students' academic results have greatly improved. The proportion of students reading beyond their expected reading age has increased across all school years.

Dr Christie said students learned and lived by four mottos: praise people, give up put-downs, seek wise people, and notice hurts and right wrongs.

## VSU Bill hits snags

The Federal Government's Voluntary Student Unionism (VSU) legislation is still alive but whether it makes it into law depends on the Democrats in the Senate, says Student Guild president, Makelita Cull.

Ms Cull said she now believed the legislation would be brought before Parliament in the spring session.

"The Democrats now have the balance of power in the Senate, and they have been vocal opponents of the Bill and have said they will vote it down," she said.

## 10x3 Text exchange



QUT School of Early Childhood lecturers (from left) Dr Carmel Diezmann and Dr Nicola Yelland say that teaching maths concepts can be incorporated into enjoyable children's activities.

## Tough-guy image may harm health

By Andrea Hammond

The need to be "manly" may prevent men from seeking life-saving help from health services.

Neil Pledger, a QUT nursing student, said health services failed to adequately address the physiological, psychological and social implications of being a man. He presented a paper, *Men's Health*, at an Australasian Nursing Students Conference at QUT held earlier this month.

"Men in Australia use health care services 26 per cent less than women, where all epidemiological evidence points to the fact that they need to use them more," Mr Pledger said.

"Manhood and the masculine stereotype it perpetuates of strength, invincibility and control are factors which negate the health of men."

Mr Pledger said Australian men had significantly higher rates of morbidity and mortality than women.

The incidence of coronary heart disease among men is 253 per cent higher than women, while lung cancer is 220 per cent, and stomach cancer 136 per cent higher.

"Nine out of every 10 people who have HIV are men, men are six times more likely to commit suicide, and minority groups such as homosexuals and Aboriginal men are even at greater risk than their white, heterosexual male counterparts," Mr Pledger said.

## Maths problems are child's play

By Amanda O'Chee

Parents often overlook the importance of teaching babies, toddlers and young children mathematics, often focusing only on literacy, QUT academics have warned.

QUT School of Early Childhood lecturers Dr Nicola Yelland and Dr Carmel Diezmann have written a book with St Margaret's Anglican Girls School teacher Deborah Butler on how parents and teachers can teach mathematics to children from birth to the age of eight.

*Early Mathematical Explorations*, which is published by Pearson Publishing Solutions and is available from QUT bookshops, outlines fundamental maths concepts in everyday language and provides activities for parents and teachers.

Although most parents understand the importance of teaching their children how to count, Dr Diezmann said many parents did not know the importance or the techniques of teaching children mathematical skills for the information age.

"Many years ago, we did a lot of counting work and number crunching," Dr Diezmann said.

"While that is still important, there are other mathematical skills that are equally important and which our children will need for the workplace of the next century.

"Now that we're in the information age, we've essentially got to start looking at maths in a different light.

"With all the information that is available, children have got to be able to sort the information, understand it and

use mathematics for creative problem solving," she said.

Despite a plethora of child literacy and reading books, Dr Yelland said there were no Australian books showing parents how to foster their children's mathematical skills.

As well as providing a range of activities and games for parents, teachers and early childhood teaching students at university and TAFE, the book outlines ways in which art, language games, shopping or even having a bath, can be used to teach children maths.

## Art student wins Churchie

Third-year visual art student Shaun O'Connor has become the fourth QUT student in eight years to win the prestigious Churchie Memorial Art Prize.

Mr O'Connor won the 1999 \$3,000 prize with a strong, graphic black and white work that combines elements of illustration, graphics and montage.

## Round-continent runner carefully tracked by QUT

Researchers at QUT are working with round-Australia runner Pat Farmer to work out exactly how much energy he is burning up each day.

Researchers are using the doubly-labelled water technique and special measuring equipment to precisely judge how much food and drink his marathon effort requires each day.

Doubly-labelled water is a relatively new method of non-invasively measuring total energy expenditure that places no constraints on the subject.

The technique uses two stable isotopes, one of hydrogen and one of oxygen, in the form of water.

QUT is the only university in the southern hemisphere to routinely use the doubly-labelled water technique and isotope ratio mass spectrometry.

Researchers hope that the findings will be useful to endurance sportspeople.

School of Human Movement Studies researcher Dr Peter Davies said judging the number of calories required in high-endurance events had been guesswork.

"Pat Farmer is travelling 65 to 80km each day and is not expected to stop until January 1, 2000. It is vital that the number of calories he is consuming is equal to his energy needs."

Mr Farmer drank one glass of doubly-labelled water at Newcastle on June 6 and supplied urine samples to the research team for the South East Queensland stretch of the run. The study forms part of a PhD program being carried out by Human Movement Studies graduate Rebecca Hill.

Andrea Hammond

## 'Corporations are too cautious'

Australian corporations were too risk averse and many managers were more like "administrators rather than capitalists", Telstra chairman David Hoare told business leaders in May.

Held back by market pressure for short-term growth, increasing legislative constraints and legal responsibilities, corporations pursued business strategies which were too conservative, he said.

Mr Hoare, who was speaking to 310 people at the QUT Business Leaders' Forum at the Hilton Hotel, said the changing composition of shareholders, where individual shareholders were being replaced by financial institutions, had also encouraged greater conservatism.

The next Business Leaders' Forum will be held on July 27. The speaker is business tax report author John Ralph.

## Exchange bursaries up for the taking

Ten lucky students with the travel bug will have the chance to receive \$2,000 each under a new QUT bursaries scheme for students undertaking an international exchange in Norway, Sweden, France, Germany and the US.

QUT will offer bursaries for students completing an exchange in Semester 1, 2000, to selected European and US universities.

Exchanges and study abroad officer in the Office of International Relations Raelene Frederiksen said competition for an exchange in the UK was fierce and QUT was trying to encourage more students to complete their exchanges in Europe and the US.

"We're particularly keen to send exchange students to Europe (Sweden, Norway, France and Germany) and the USA as we have some difficulties in balancing exchange agreements in these countries," Ms Frederiksen said.

Applications for the next round of exchanges close on Monday, August 16. Application forms are available from the Office of International Relations, Room



US exchange student Tregenna Myrabo is one of 75 International exchange students who will study at QUT this year.

424, O Podium, GP, or students can send an e-mail to [studyabroad@qut.edu.au](mailto:studyabroad@qut.edu.au).

An exchange program information seminar will be held from Noon to 1pm on Monday, August 2, in S403, GP.

This year 57 QUT students will travel to universities across the world to complete part of their studies – an increase of 30 per cent over the previous year.

## CaMPuS QuiCKies

With the Government's Voluntary Student Unionism legislation now an unlikely starter, QUT's Student Guild can concentrate on other student concerns. An ongoing gripe is the shortage of parking. Guild president Makelita Cull acknowledged this issue in a recent edition of *Utopia*.

Reacting to one student's novel proposal, Ms Cull said: "In response to the student who suggested that we turn the pool into a carpark, I must advise that as the ground that it is on belongs to the university, the guild has no authority whatsoever to make a decision of this kind."

# Governor-General speaks out on sluggish pace of reconciliation

By Noel Gentner

Australia's Governor-General, Sir William Deane, and the Governor of Queensland, Major-General Peter Arnison, were awarded honorary doctorates for distinguished service at recent QUT graduation ceremonies.

Addressing a Faculty of Law graduation ceremony at the Queensland Performing Arts Complex, Sir William said it was difficult not to be discouraged, even depressed, about the slow progress of reconciliation in Australia.

He said greater education for Aboriginal people and a more informed community were crucial to achieving reconciliation in Australia.

Sir William was appointed Governor-General three years ago and, while successfully avoiding a political stance, has been a strong advocate of equity and fair treatment for all Australians, and of reconciliation.

Sir William is a former Justice of the High Court of Australia and he was previously a judge in the Equity Division of the Supreme Court of New South Wales, a judge of the Federal Court of Australia and president of the Australian Trade Practices Tribunal.

He was made a Knight of the British Empire and a Companion in the Order of Australia in 1988.

Major-General Arnison, who addressed a Faculty of Science graduation ceremony, holds a degree in economics from the University of Queensland, a graduate diploma in applied finance and investment from the Securities Institute of Australia (Queensland branch), and is a Senior Fellow of the Corporate Directors Association.

He was appointed an Officer of the Order of Australia (Military Division) in 1992, and is a Knight of Grace in the Most Venerable Order of the Hospital of St John in Jerusalem.

He retired from the Army in 1996 and was appointed 23rd Governor of Queensland in July 1997.



QUT Vice-Chancellor Professor Dennis Gibson (left) and QUT Chancellor Dr Cherrell Hirst congratulate Governor-General Sir William Deane during the awarding of an honorary doctorate.

At the Law graduation ceremony, QUT's first Doctors of Juridical Science (SJD) were presented to two Faculty of Law recipients, Garry Hamilton and Gerard Sammon.

Unlike the traditional PhD, an SJD is a professional doctorate which involves one year of course work and the development of a major thesis dealing with a particular area of the law.

Dr Hamilton's doctoral dissertation *Invalidation of Securities in an Insolvency Context*, is considered to be the first comprehensive analysis of the manner in which "securities" can be avoided in an insolvency context.

Dr Sammon's thesis examined the areas of the law where freedom of speech was affected.

## It's cool to be an achiever

Many young people think it's not "cool" to be an outstanding achiever at school, former Chief Industrial Commissioner Lionel Ledlie told a QUT Business Faculty graduation ceremony in May.

Mr Ledlie, who was awarded an honorary doctorate for distinguished service to QUT, said he was appalled by the "culture" which seemed to have crept in among some students within the school system.

He said he often conversed with students - particularly boys - who told him it was not "cool" to be an achiever or an outstanding performer at school.

"They accept that passing subjects is okay, but feel pressure not to stand out among the crowd," Mr Ledlie said.

"If you aim for 51 per cent passes and your aim is anywhere near accurate, not only are you in a perilous area but you have little chance of being an achiever by miscalculation.

"It seems incongruous that the enthusiasm and dedicated effort usually applied to a sporting activity is not always matched in the crucial areas of education and employment."

Mr Ledlie's association with QUT and its predecessor institutions goes back more than 30 years to 1966 when he was a part-time lecturer in personnel management at QIT.

He was a member of QUT Council from 1990-98, and in his final year on council was Deputy Chancellor.

## Honorary doctorate for Lord Mayor

Brisbane Lord Mayor Jim Soorley was awarded an honorary doctorate for distinguished service in May.

Jim Soorley was presented with the university's highest honorary award at the Faculty of Business graduation ceremony for the schools of accounting, economics and finance, and marketing and international Business.

QUT Vice-Chancellor Professor Dennis Gibson said that, since being elected Brisbane's Lord Mayor in 1991, Jim Soorley had made a significant contribution to the community.

"He has implemented a range of programs to make Brisbane a more prosperous and livable city through environmental protection and planning," Professor Gibson said.

"His achievements over the past eight years have included environmental protection of bushland, the river and the bay, as well as improvements to waste management and air quality.

"Jim Soorley and his team have also worked to improve public transport through the introduction of the CityCat high-speed ferry network and community bus systems."



Lord Mayor Jim Soorley.

## Experts respond to a ringing appeal



QUT experts have been called in to solve a clanger of a problem at St Peter and St Paul's Church in Bulimba.

QUT metallurgist Dr Richard Clegg responded to an appeal by the church to test a bell stored underneath the church refectory for more than 30 years.

He used state-of-the-art magnetic particle testing and coloured dyes to test the 80kg steel bell for cracks.

St Peter and St Paul's hopes to mount the bell in a new bell tower to be built by the year 2000.

Left: Dr Richard Clegg gets to work testing the bell for St Peter and St Paul's Church in Bulimba.

## Dance workshops

Third-year Bachelor of Arts dance students are participating in workshops with young adults with intellectual and physical disabilities.

The project aims to provide an opportunity for students to build skills in facilitating dance workshops and to allow participants - many of whom have a performance history - to continue their creative work.

QUT students receive accreditation for this practical work as part of a subject Dance in the Community.

## Dean Wells to open 1999 Expo

Queensland Minister for Education Dean Wells will officially open the Carseldine Employment Expo on August 5.

Students currently enrolled in courses at Carseldine are invited to attend the Expo from 1 to 5pm.

Last year more than 220 students attended the day and more than 15 different employer groups and professional associations were on campus.

The 1999 Employment Expo promises to be even more successful, with about 20 employer groups expected to attend. There will be a new IT employment stall, and prizes for students to win.

Dean Wells is the official guest speaker at the Expo and QUT graduates will conduct panel discussions on their experiences of finding work or studying further.

The Expo will provide Carseldine students with an opportunity to meet and obtain information from employers, professional associations, recruiting agencies and postgraduate study advisers.

Students will be invited to participate in workshops on interview performance, CV preparation and personal presentation.

For further information phone the 1999 Carseldine Employment Expo hotline on 3864 4725.

## Call for art, poems and reviews

The QUT Student Guild Women's Department is engaged in a range of activities to promote women on campus.

It is once again offering four grants of \$350 to women students wishing to re-examine traditional representations of women in the arts.

The Women's Department is also asking for contributions for their annual women's publication, *Philosophia*. Poetry, feature stories, reviews and art work is published, and the department appreciates assistance with editing.

Contributors whose work is published receive payment. For more information on any of these matters contact Brenda Kelly on 3864 5528.

## Leadership expert visits workshop

The Faculty of Education's Learning Leadership Business Unit recently hosted a *Tools for Developing Successful Executives* workshop with leading US teacher, researcher and author Dr Maxine Dalton.

Dr Dalton is the director of Global Leadership at the Centre for Creative Leadership in Greensboro, US.

About 35 executives from a wide range of public service and private enterprise organisations attended the workshop, some staying on to plan leadership development strategies for their organisations the following week.

## Susan Currie appointed

Justice Studies lecturer Susan Currie has been appointed to the State Government's Taskforce on Women and the Criminal Code, which will determine the impact of the code on women.

The taskforce includes workers who counsel sexual assault survivors, Aboriginal and Torres Strait Islander women, women from non-English speaking backgrounds, disability workers, legal practitioners and police.

The taskforce will report and make its recommendations for reform by December.

# Thousands 'in the dark' about Parkinson's Disease - study

By Amanda O'Chee

Up to 2,300 Queenslanders may be living with undiagnosed Parkinson's Disease, according to a new QUT study.

In the largest Australian study to estimate the prevalence of the degenerative disease, a QUT researcher has found that approximately 6,800 people in Queensland have been diagnosed with Parkinson's Disease.

Doctors have warned that another 2,300 people could be living, undiagnosed, with the early stages of Parkinson's Disease.

The study, by Dr Michael Dunne and Cathy Peters from the School of Public Health, was funded by Parkinson's Queensland and involved almost one-fifth of Queensland's General Practitioners.

Dr Dunne said that in an ageing society, the study could have important implications for public health programs, the medical profession and government funding.

"Parkinson's is one of the most common degenerative diseases of the nervous system, second only to Alzheimers, but until now we have not known how many people in Queensland are affected by the disease," Dr Dunne said.

"The study also shows that thousands of people may be affected by the condition but have not yet been diagnosed and, therefore, are going untreated.

"What sometimes happens is that people first notice a tremor but don't go and see a doctor until it becomes more serious, perhaps when they have accidents or falls, or have difficulty doing physical work.



Parkinson's Queensland Vice-president Judy Rawlins ... study was funded by Parkinson's Queensland.

"Conversely, people can become slower but, because they don't have a tremor, they do not think that they have Parkinson's Disease, which is incorrect.

"This is a shame, because most early symptoms of Parkinson's Disease can be medically controlled."

Parkinson's Disease is caused by a lack of the chemical dopamine, which is necessary for smooth, co-ordinated

movement and muscle relaxation. It affects people's body movements, commonly causing body tremors, muscular rigidity, and difficulty in making smooth, slow and refined movements.

Parkinson's Queensland president and consultant neurologist Dr Peter Silburn said the study was the first concrete indication of the extent of the disease in Queensland.

The study also revealed that three-quarters of GPs treated at least one patient with Parkinson's Disease and that 88 per cent of GPs wanted further education about the disease.

Dr Silburn said Parkinson's Queensland planned an extensive education campaign with GPs this year as a result of the research.



## Nursing graduates have their special day

Two QUT nursing graduates who could not make their graduation ceremony were honoured with a mock version of the real thing at Kelvin Grove recently.

Cristee-Leigh Campbell and Fay Mongta (*on right*) were joined by family and friends for the presentation of their degrees by Faculty of Health Dean Professor Ken Bowman.

Cristee-Leigh Campbell graduated with a Bachelor of Nursing last year and now works part time in a medical centre in Brisbane. She also tutors QUT

Aboriginal and Torres Strait Islander students.

Fay Mongta also graduated with a Bachelor of Nursing and is working as a registered nurse at the Wesley Hospital. In 1998 she won a Queensland Cancer Society student essay competition and had a poster accepted at the 1998 Research in Multiple Sclerosis national conference.

• QUT's Bachelor of Nursing degree has attracted its largest intake of Indigenous students, with 16 students taking up offers in 1999.

10x2  
Ingwest

## New head plans to focus on children

The new head of QUT's School of Early Childhood Education, Professor Collette Tayler, has vowed to foster a renewed social commitment to supporting children.

Driven by a passion to refocus society's attentions on providing a quality childhood, she will push for combined health, education and community services initiatives to provide better support education services which suit the diverse lifestyles and experiences of parents with young children.

Special attention should be directed to supporting children younger than three years, given the significance of effective early learning, she said.

Professor Tayler said universities and other research bodies needed to work with health and family services to disseminate the latest research on how best to foster children's learning in their formative years of life, which influences later development.

"A good combination of public responsibility and private responsibility for

young children, and acknowledgment that childhood, and the support of children, is really significant in society is a sound insurance for the future," she said.

"It's not about educating parents, it's about working with parents and having service providers recognise the significance of the birth to three months period."

Professor Tayler joined QUT in January after 18 months at the University of Southern Queensland and, prior to that, 20 years at Edith Cowan University in Western Australia.

She said a focus on "supporting children" would underpin efforts to strengthen the school's links with industry and raise the profile of the School of Early Childhood.

"I want to enhance our community focus and maintain a central concern about supporting children, by enabling teaching, research and the service activities to overlap around that theme more directly," she said.



Professor Collette Tayler ... supporting children.

# QUT delegates explore space research

By Noel Gentner

QUT will be well represented this week at a world conference in Vienna which will discuss out-of-this-world topics, including future exploration of space.

A total of 160 students from around the world are attending the United Nations Space Generation Forum.

Five of the six Australian delegates are QUT students or graduates. They are Aerospace Avionics Engineering students Aaron Chippendale and Neal Fennell (both in their third year) and Ross Dennington (fourth year), and graduates Linda Parker and Michael Mifsud.

Mr Chippendale, who is the Brisbane president of the Australian Students Space Association, said the students would discuss the future of space and their countries' involvement in the exploration of space and space technology.

"Initially, Australia was in the forefront of technology, with regular rocket launches from Woomera. Australia was placed fourth in the world in launching

satellites into orbit from its own territory, but more recently, there have been no major launches carried out here," he said.

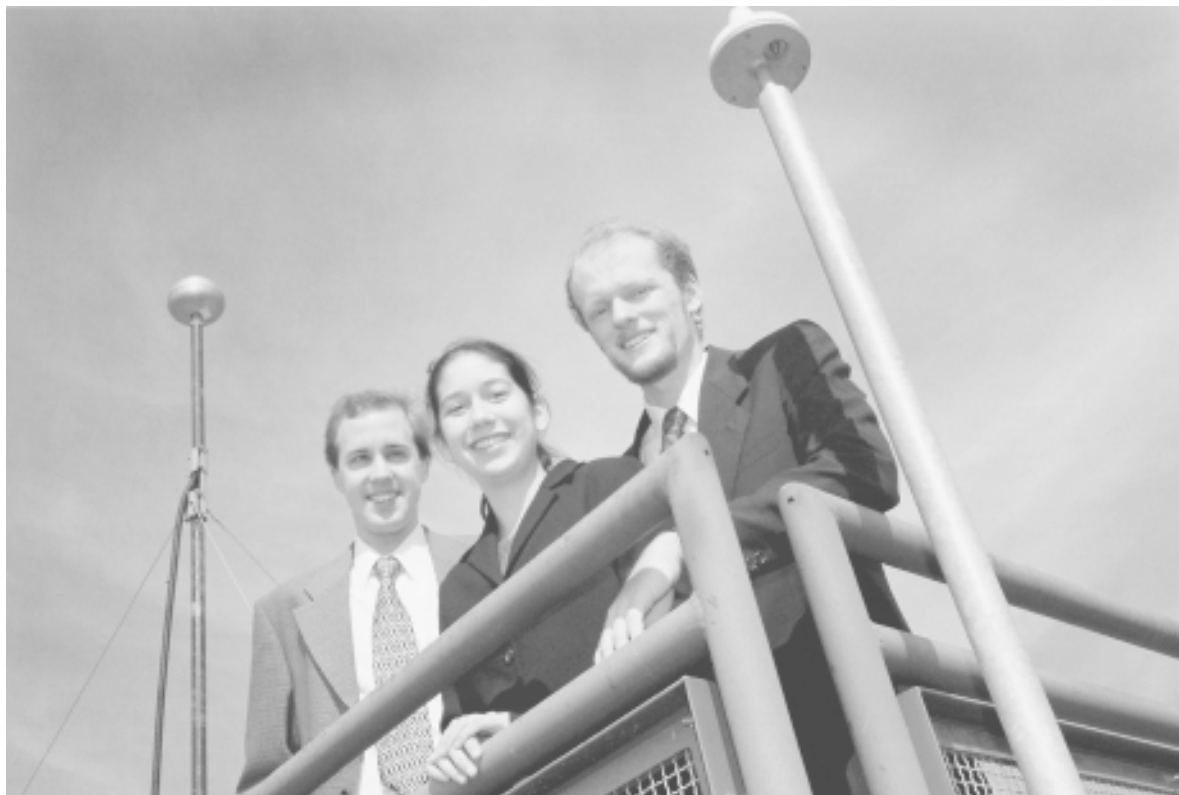
There was now, however, a good deal of high-technology research being undertaken in Australia, including the development of instruments for remote sensing satellites.

"There is a lot of specialised involvement going on, but it is not visible," Mr Chippendale said.

"There is a lot of work being conducted within the Co-operative Research Centre for Satellite Systems at QUT, and also at the Australian Space Research Institute.

Mr Chippendale said it was advantageous to attend such a forum. QUT has donated \$1,000 towards the costs of the three undergraduates' expenses and the Boeing organisation has met the rest of the graduates' costs.

*Right: Ready to take on the world ... QUT's space forum delegates (from left) Ross Dennington, Linda Parker and Aaron Chippendale.*



## Overhaul for network services



*The team in charge of change (from left) Avril Grant, Peter Kurtz, Ron Heard, Robyn Daniel, Information Technology Services director Neil Thelander and Sharon Kolar.*

QUT's Computing Services has been revamped, renamed and has welcomed a new director, as part of a move to improve information technology services.

The new Information Technology Services was launched on May 31 by Vice-Chancellor Professor Dennis Gibson and new ITS director Neil Thelander.

ITS, which provides hardware and systems support for staff and students, and oversees the QUT network, is being restructured over 12 months to increase its client focus and the quality of its services.

Changes include the introduction of a "job tracking system", by which ITS staff can accurately record, monitor and distribute

requests for IT assistance. QUT staff will be notified by e-mail when their request has been logged and fixed, and invited to comment on the handling of their requests.

The phone number for the Information Technology Help Desk has changed to 3864 4000, although the 4275 extension will remain active for some time.

## Oracle system a big success

The successful implementation of a new financial system for QUT, Oracle Financials Version 11, was celebrated recently at a function at the Gardens Point campus.

QUT is the first university in Australia - and one of the first organisations in the world - to successfully implement the graphical user interface system.

Registrar Ken Baumber said the switch was mainly made to ensure the university's finance system was Y2K compliant.

"This is the result of an excellent partnership between the divisions of Administrative Services and Information and Academic Services and the professional relationship which exists between QUT and Oracle," Mr Baumber said.

"The fact that the information and training help desk was hardly required is a strong indication that the implementation has been a great success."

Mr Baumber said the change to Version 11 was in step with the introduction of the original version of Oracle Financial.

The new student computer system, Callista, when fully implemented, will have a smooth interface to the Version 11 system.

## Boost for flexible delivery

Staff who received Teaching and Learning Development Large Grants in 1998, worth a total of \$600,000 presented the outcomes of their projects at a recent forum.

QUT is making excellent progress in the field of flexible delivery of courses, using Web resources and technology to enhance teaching and learning.

Teams from the faculties of Arts, Science, Health, Law, Built Environment and Engineering and Information Technology reported on the development of online teaching in their areas.

Dr Janelle Allison, assistant dean of the Faculty of Built Environment and Engineering, outlined the establishment of a professional development program to enhance students' access to professions.

The forum was also briefed on the Technological Literacy Project which aims to raise technological literacy at QUT.

The project is a joint effort of the faculties of Arts, Education and Information Technology. Targeted at both academics and students, it includes a "LitKit" of strategies and resources to master the intricacies of technology.

## Students have designs on Carseldine

Tree-lined boulevards, lakes and beehive-shaped buildings are just some of the innovations that feature in a flood of entries in a Carseldine campus masterplan design competition.

More than 50 QUT architecture students took on the challenge of transforming the campus into an educational and cultural epicentre for the northern corridor.

Three winners, Yuri Dillon, Larissa Jonid and Terry Bell were chosen. They will share a \$3,000 prize with three runners-up Wade Eiser, Leah Stjernqvist and Nikki Ross and finalists Christina Chang, Brad Muller, David Christ and Natalie Dixon.

The 10 entries will be shown at Carseldine in August in an exhibition organisers hope will tour to Kelvin Grove and Gardens Point campuses.

Pro-Vice-Chancellor (Northern Corridor Development) Dr Adam Shoemaker said some of the design features would be put forward for the official masterplan.

"Many of the ideas encapsulated in these drawings successfully include the community and green spaces in very exciting ways," he said.



*Carseldine campus masterplan design co-winner Larissa Jonid with one of the models constructed by students. The competition formed part of assessment for fourth- and fifth-year QUT architecture students.*

10x2  
Premier

# WHAT'S ON

For more What's On, check out <http://www.whatson.qut.edu.au/>

You can lodge your What's On entry at this site

## STUDENT GUILD

**Jul 26-28 Environment Week.** Free plants to be given away. July 26, 11am-2pm, Y Block area, GP. July 27, 11am-2pm C Block area, KG. July 28, 11am-2pm, C Block area, Car. Contact Shirley Mundy on email [s.mundy@sg.qut.edu.au](mailto:s.mundy@sg.qut.edu.au) or call 3864 5511.

### Recreation courses.

Everything from winery tours, surf camps to women's car maintenance and belly dancing. Further details in the Semester Two Recreation Handbook. Contact Kirsten Fraser on [k.fraser@sg.qut.edu.au](mailto:k.fraser@sg.qut.edu.au) or call 3864 1213.

## CARSELDINE CAMPUS

**Aug 5 1999 Carseldine Employment Expo.** Half-day Expo, 1-5pm. To be opened by Queensland Minister for Education Dean Wells. Activities include market booths for students to obtain information from employers, professional associations and recruiting agencies, as well as interview performance / personal presentation workshops. For further information contact the 1999 Carseldine Employment Expo hotline on 3864 4725.

## SCHOOL OF COMMUNICATION

**Aug 20 Silver Anniversary Ball.** 7pm. Grand Windsor Ballroom, Carlton Crest Hotel. Tickets \$60. Contact Cynthia Harris on [c2.harris@student.qut.edu.au](mailto:c2.harris@student.qut.edu.au) or call 0409 268 393.

## SEMINARS, CONFERENCES, EVENTS

### CENTRE FOR MEDIA POLICY PRACTICE

**Aug 6 Meanings of the Wall: News media and the collapse of the Eastern Bloc in 1989.** Lee Duffield. Noon-2pm. B509, GP. For more information contact Danna Dale on [d.dale@qut.edu.au](mailto:d.dale@qut.edu.au) or call 3864 1729.

## STAFF & STUDENT COURSES

### EQUITY SECTION

**OCT 25-7 Career Moves: Valuing Skills, Planning Futures.** Two-day course for female general staff at HEWA3-5. 9.15am-4.15pm K108, KG. To register call Lilijana Simic on 3864 5601.

### HUMAN RESOURCES DEPARTMENT

**Aug 4 Staff Orientation Program.** For new staff or other interested staff. Contact Human Resources Department's Dora deLaat on 3865 5610 or Tanya Needer 3864 9605.

### SCHOOL OF JUSTICE STUDIES

**Jul 28 Risky Business? An analysis of current approaches to youth crime prevention in Australia.** Presented in conjunction with Youth Affairs Network Queensland. 8.30am-2pm. Room C319, Car. Contact Katerina Ginis on [k.ginis@qut.edu.au](mailto:k.ginis@qut.edu.au) or call 3864 3748.

## HOT NEWS

More What's On at QUT can be found at <http://www.whatson.qut.edu.au/>

**South Bank  
apartments  
10x3**

# Athletes bring home gold medals galore

By Noel Gentner

Athletes from QUT scooped a healthy share of medals at the 1999 Northern Conference Universities Games in Armidale earlier this month.

The annual event attracted more than 2,000 athletes from 13 university campuses from across Queensland and northern New South Wales.

Hosted by the University of New England which fielded 383 athletes, QUT – with a squad of 212 athletes – finished with four gold, six silver and two bronze medals to be second overall behind the University of Queensland.

Since 1991 when QUT won the first Northern Conference University Games championships, the competition between UQ and QUT has been fierce.

Last year, when QUT hosted the games, the final standings were decided by the results of one grand final match which went into extra time.

This year's games proved to be no exception, with some outstanding team performances recorded by QUT athletes.

QUT's men's baseball team and its women's volleyball team dominated play, with both teams not losing a game on their way to gold medal success.

The QUT women's touch team maintained its winning form with its fourth consecutive games win.

In its grand final match against UQ, the QUT team scored with less than a minute to go to win 2-1 and take the gold medal.

QUT's mixed netball team was down 11-13 at half time but showed tremendous speed and skill to dominate the second half to win 29-20 and the gold medal.

In the silver medal category, both QUT men's and women's tennis squads were successful, as were the men's hockey, men's badminton and the men's volleyball teams.

In the pool, the QUT men's water polo team – which averaged more than 12 goals per game – took out another silver medal.

Bronze medals were won by QUT's women's hockey and the mixed touch teams.

All gold, silver and bronze medal winners have qualified for the Australian University Sport National Games to be held in Perth from September 28 to October 4.

# Thai student draws East and West closer together

A QUT postgraduate student is developing a training package to help Australian businesses understand and work in the Thai culture.

The training package, which will be tailored for both Australian and Thai businesses, is part of Phetcharee Roopwichet's professional doctorate studies.

Designed to develop cross-cultural management skills for global business, Ms Roopwichet's work meets the aims of the Thai Government's National Economic and Social Development Plan which emphasises human resources and blending Thai wisdom with Western knowledge.

Ms Roopwichet has worked extensively as a training and marketing consultant for the Thai Government and businesses.

"I wanted to do something that was of use to the Thai people and the Thai culture," said Ms Roopwichet, who returned to Thailand in June to collect further data.

"In Thai schools and universities, we learn about US culture and the theories of Western business, but we do not always practice this – our management practice reflects Thai traditional cultural values.

"My intention is to create a business training package to help East and West understand each other."

Ms Roopwichet is completing a Doctorate of Education in the Faculty of Education, which is co-ordinated by Associate Professor Erica McWilliam.

Amanda O'Chee



Phetcharee Roopwichet ... writing a training package which will be tailored for Australian and Thai businesses as part of her professional doctorate studies.

## About your newspaper

*Inside QUT* is published by QUT's Corporate Communication Department. Readership includes staff, students and members of the QUT community. It is also circulated to business, industry, government and the media.

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Opinions expressed in *Inside QUT* do not necessarily represent those of the university or the editorial team.

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