The mission of The University of Queensland is to create a community dedicated to achieving national and international levels of excellence in teaching, research and scholarship, one that makes significant contributions to the intellectual, cultural, social and economic life of the State of Queensland and the Australian nation.
Communication objectives

This Annual Report reviews The University of Queensland’s performance in 2006, compares it with previous years, and flags future intentions. It answers the interests of our diverse stakeholders by documenting our progress against the aims, aspirations and commitments stated in our five-year Strategic Plan 2006–2010.

The Report outlines our operational and business framework, and describes the teaching and research highlights of our year. It reflects the strength of our community partnerships and demonstrates our efficient stewardship of public and other resources.

We have structured this mass of information to serve a variety of readership styles ranging from the casual to the more exacting. The index adds to the Report’s usefulness as a reference document.

Users of this Report include members of State Parliament, members of the public, the University community (academics, administrators, graduates and students), business and media communities, benefactors and others, such as Australian and international visitors, and prospective staff and students.

They will find the Report describes a range of initiatives, achievements and future plans – a sound basis for measuring our performance in 2006 and our prospects as a continuing leader among Australia’s 39 universities.

Report of the Senate of The University of Queensland

For the period January 1, 2006, to December 31, 2006

In pursuance of the provisions of Section 46J(1) of the Financial Administration and Audit Act 1977, Senate has the honour to transmit to the Minister for Education and Training and Minister for the Arts a Report on the proceedings of The University of Queensland for the year ended December 31, 2006.

Sir Llewellyn Edwards, AC
Chancellor

Cover pictures
Front: Pioneering research that resulted in development of a cervical cancer vaccine saw UQ’s Professor Ian Frazer named Australian of the Year for 2006.
Back: Vice-Chancellor Professor John Hay at the UQ St Lucia campus.

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Appendices (separate volume)
A Annual Financial Statements
B Staff activity overseas
This volume is available from the Office of Marketing and Communications (see back cover) or online at www.uq.edu.au/about/annualreport
At a glance

In 2006, we advanced significantly towards the objectives and operational priorities outlined in The University of Queensland Strategic Plan 2006–2010 (pages 20-25) – the basis for this Annual Report.

Our standing
The University of Queensland was founded in 1909 as the first university in Queensland and the fifth in Australia. It is now known internationally as a leader among Australia’s 39 universities.

We rank in the nation’s top two or three institutions by most performance measures. We are a founding member of the Group of Eight – a national coalition of leading research-intensive universities. Internationally, we are one of only three Australian founding members of Universitas 21, an international consortium of research-intensive universities dedicated to world-best practice.

Our aims and commitments
We seek to honour our responsibilities to our own community and the wider communities with which we interact, and we strive to:

* identify and develop new, appropriate strategic priorities in teaching and research;
* develop, manage and diversify our resource base;
* incorporate new technologies in leading-edge infrastructure; and
* leverage new funding via our Strategic Initiatives Fund.

Our operational priorities
Our critical operational priorities, backed by our Strategic Initiatives Fund, as outlined in the Strategic Plan 2007–2011, are to:

1. attract and retain the most able undergraduate and postgraduate students, in the context of achieving equity and diversity in the student population and, in particular, to address under-representation of students from disadvantaged groups;
2. enhance all aspects of students’ learning experience with close attention to use of new technologies and enhancing levels of student/staff contact;
3. support research-rich teaching and learning culture and practice;
4. achieve a graduate student proportion of 25 percent, with increasing emphasis on research students;
5. internationalise all facets of the University’s endeavours;
6. improve research productivity and quality, focusing on areas of strategic priority;
7. maintain leadership in the transfer and commercialisation of intellectual property;
8. develop close faculty-based links with all UQ graduates, within Australia and internationally;
9. increase and diversify the University’s income base, especially from non-government sources;
10. implement best practice in managing people, resources and systems, ensuring equality of opportunity for all staff; and
11. enhance the physical environment and facilities of the University, particularly teaching and learning and research facilities.

Strategic Initiative funds will be applied preferentially in support of these priorities.

Our mission
Our mission is to create a community dedicated to achieving national and international levels of excellence in teaching, research and scholarship, one that makes significant contributions to the intellectual, cultural, social and economic life of Queensland and the Australian and international communities.
Vice-Chancellor’s review

After nearly a century of operation, 2006 must rate as one of the most successful years ever for The University of Queensland. Large research grants, several teaching awards, prolific research output, new infrastructure and the 2006 Australian of the Year winner were just some highlights.

In October, the Australian Research Council and the National Health and Medical Research Council awarded UQ $95 million in competitive funding, nearly four times as much as they gave all other Queensland universities combined.

UQ maintained its record for excellence in teaching by accumulating more national teaching and learning awards than any other university in the country since the national awards began. No Australian university surpasses UQ for consistently matching success in national teaching awards with the attraction of competitive research funding.

UQ continued to strengthen its international profile and reverse the “brain drain” by attracting high-achieving academics and postgraduate students from overseas. Our expanding cluster of world-class infrastructure played a significant role in this attraction, and October marked the official opening of the newest completed institute building – the $70 million Australian Institute for Bioengineering and Nanotechnology (AIBN). Like many other major new UQ facilities, the AIBN was made possible by the generosity of the Atlantic Philanthropies and the Queensland Government, combined with UQ’s strategy of matching philanthropic funds and seeking contributions from the Australian Government and industry.

Another milestone was attained when the Queensland Government committed an additional $50 million towards the operation of the Institute for Molecular Bioscience. The State Government further demonstrated its faith in UQ’s innovation by pledging $100 million for a proposed translational research facility at the Princess Alexandra Hospital in Brisbane.

UQ continued to deliver practical and commercial outcomes with worldwide impact. The cervical cancer vaccine, invented by Professor Ian Frazer and the late Dr Jian Zhou, entered the international market and began reaching women all over the world. Professor Frazer’s role in this health revolution has earned him a string of honours, including the 2006 Australian of the Year title.

The significance of our relationships with non-government partners is destined to increase as national policies progressively diminish support for higher education. After voluntary student unionism was introduced in July, UQ partly offset the impacts by pledging specific funds to the UQ Union and UQ SPORT. The precise costs of the Research Quality Framework have yet to be seen, but are certain to outweigh the funding earmarked by the Australian Government to support implementation in 2007–08.

In 2006, UQ established the Division of External and Community Relations and strengthened the emphasis on relations between schools, faculties and institutes, and their alumni. The opening in December of the Eleanor Schonell Bridge (named after the UQ pioneer who made an internationally recognised contribution to testing for dyslexia) was a timely signal of more concrete links between UQ and external communities.

I extend my sincere thanks to Sir Llew Edwards – who was unanimously re-elected as Chancellor in 2006 – and to all senators, alumni, benefactors, students, staff, external partners and everyone else who contributed to the University’s successes throughout 2006.

Professor John Hay, AC
Vice-Chancellor
Teaching and learning

31 UQ was again allocated the highest number of Commonwealth Learning Scholarships in the country, awarding 834 compared with 486 in 2005.

32 UQ was the only Queensland university included in the top 50 universities in the world in the UK’s Times Higher Education Supplement top 200 rankings.

32 We again led Australian institutions for numbers of research students, with postgraduate enrolments totalling 9832.

29 Teaching and learning

39 UQ was allocated $18.45 million over the first two rounds of the Learning and Teaching Performance Fund, the largest proportion of the total pool of funds nationally.

42 We recognised 51 of our best first-class honours graduates with University Medals.

Research and research training

47 The University’s total reported research income in 2005 (the latest data available) was $189 million, representing a $32 million increase on the previous year.

47 We secured $95 million in competitive funding from allocations announced by the NHMRC and ARC in October, for projects starting in 2007. That is between three and four times as much as all other Queensland universities combined.

45 Research and research training

57 UQ researcher and Australian of the Year Professor Ian Frazer administered the first shots of the prescription-only cervical cancer vaccine Gardasil™.

59 The number of PhD students enrolled at UQ in 2006 rose to 3096 from 3036 in 2005. International students accounted for 585 PhD enrolments compared with 538 in 2005.

Community partnerships

62 UQ welcomed the opening of Australia’s first pedestrian, cycle and bus bridge, the Eleanor Schonell Bridge, linking the St Lucia campus and Dutton Park.

62 Initiatives to attract talented students included open days, visits by recruitment officers to Queensland and interstate schools, an interstate guidance officers’ conference and a postgraduate expo.

61 Community partnerships

63 UQ provided services, including online programs, to help connect primary and secondary school students with tertiary education.

68 The Office of University Development and Graduate Relations helped raise more than $8 million from individuals, business and the community as gifts, new pledges and notified bequests.

Management and resources

71 A consolidated surplus of $44.4 million was recorded for 2006, compared with the surplus of $56.5 million in 2005 (re-stated to $12.3 million).

72 Income provided by the Australian Government amounted to $501.4 million, an increase of $29 million over the amount provided in 2005.

71 Management and resources

73 UQ continued to invest significantly in major infrastructure and the amount capitalised on property, plant and equipment during 2006 totalled $148.3 million, compared with $110.7 million in 2005.
Where we stand

The University of Queensland is one of only three founding Australian members of Universitas 21, an international network of 20 leading research-intensive universities in 11 countries. Collectively, members enrol more than 600,000 students, employ more than 80,000 academics and researchers and have more than two million alumni. Their collective budgets amount to more than US$10 billion. The network’s purpose is to facilitate collaboration and cooperation between member universities and create opportunities for them on a scale none would achieve operating independently or through traditional bilateral alliances. Members are:
- The University of Queensland;
- University of New South Wales;
- University of Melbourne (Australia);
- University of British Columbia;
- McGill University (Canada);
- Fudan University;
- Peking University;
- Shanghai Jiao Tong University;
- University of Hong Kong (China);
- University of Auckland (New Zealand);
- National University of Singapore;
- Korea University;
- Lund University (Sweden);
- University of Birmingham;
- University of Edinburgh;
- University of Glasgow;
- University of Nottingham (UK);
- University of Virginia (USA);
- University College Dublin (Ireland); and
- Tecnológico de Monterrey (Mexico).

Good Universities Guide

The University of Queensland has been independently ranked as one of Australia’s best universities and the best in Queensland for the 10th consecutive year.

The 2007 edition of The Good Universities Guide, released in August, awarded UQ the maximum five-star rating for six key performance indicators. They are student demand; positive graduate outcomes (reflecting graduate employment and further study); staff qualifications; research grants; research intensivity; and toughness to get in (St Lucia campus).

The Good Universities Guide is an independent consumer guide that provides ratings, rankings, comment and information about Australian higher education institutions.

UQ was the only Queensland university to receive the highest rating for research grants and research intensivity. It was one of only three Queensland universities to receive the highest rating for positive graduate outcomes.

In August, UQ was announced as being among the five Australian universities of the top 100 Asia-Pacific universities in the Shanghai Jiao Tong University’s rankings, based on academic and research performance.

Teaching profile

In 2006, we:
- led Australian institutions for numbers of research students with postgraduate enrolments;
- received the largest proportion of funds (more than $10.4 million from a pool of $54 million) from the Federal Government’s Learning and Teaching Performance Fund; and
- had 10 winners of Carrick Citations for Outstanding Contributions to Student Learning.

Research profile

UQ ranks consistently among Australia’s top institutions for research funding.

Total research income – $ million

Our students

This year, 8745 students graduated from The University of Queensland. We awarded:
- six higher doctorates;
- 396 doctorates by research;
- 13 doctorates by coursework;
- 115 masters by research;
- 1678 masters by coursework;
- 406 postgraduate/graduate diplomas;

Awards

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>1123</td>
<td>1200</td>
</tr>
<tr>
<td>Biological &amp; Chemical Sciences</td>
<td>1010</td>
<td>1040</td>
</tr>
<tr>
<td>Business, Economics &amp; Law</td>
<td>2401</td>
<td>2268</td>
</tr>
<tr>
<td>Engineering, Phys Sc &amp; Arch</td>
<td>991</td>
<td>916</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>1229</td>
<td>1218</td>
</tr>
<tr>
<td>Nat Res, Agric &amp; Vet Science</td>
<td>556</td>
<td>565</td>
</tr>
<tr>
<td>Social &amp; Behavioural Sciences</td>
<td>989</td>
<td>1027</td>
</tr>
<tr>
<td>University Graduate School</td>
<td>544</td>
<td>511</td>
</tr>
<tr>
<td>TOTAL</td>
<td>8843</td>
<td>8745</td>
</tr>
</tbody>
</table>
How we rate

We are one of the Group of Eight, which comprises Australia’s leading universities.

The Group of Eight works to ensure a consistent and sustainable policy environment that maximises the wide-ranging economic, social and cultural benefits to the Australian community of higher education and ensures Australian universities are recognised as among the best in the world.

The Group of Eight aims to:

- enhance the contribution of Australia’s universities to the nation’s social, economic, cultural and environmental well-being and prosperity;
- extend the contribution of Australia’s universities to the generation and preservation of the world’s stock of knowledge;
- strengthen Australia’s capacity to engage in and benefit from global developments; and
- expand opportunities for Australian students, regardless of background, to participate in world-class higher education.

* 374 graduate certificates;
* 1357 bachelors honours degrees;
* 4352 bachelors degrees; and
* 48 diplomas/associate diplomas.

International enrolments

International enrolments from 117 countries made up 17.6 percent of the student population.

<table>
<thead>
<tr>
<th>Enrolment levels</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctorate by research</td>
<td>3036</td>
<td>3096</td>
</tr>
<tr>
<td>Doctorate by coursework</td>
<td>86</td>
<td>96</td>
</tr>
<tr>
<td>Masters by research</td>
<td>547</td>
<td>492</td>
</tr>
<tr>
<td>Masters by coursework</td>
<td>4663</td>
<td>4629</td>
</tr>
<tr>
<td>Postgraduate / graduate diploma</td>
<td>721</td>
<td>798</td>
</tr>
<tr>
<td>Graduate certificate</td>
<td>770</td>
<td>721</td>
</tr>
<tr>
<td>Bachelors</td>
<td>26,183</td>
<td>26,585</td>
</tr>
<tr>
<td>Diploma / associate diploma</td>
<td>325</td>
<td>270</td>
</tr>
<tr>
<td>Non-award course</td>
<td>846</td>
<td>831</td>
</tr>
<tr>
<td>TOTAL</td>
<td>37,177</td>
<td>37,518</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>International enrolments</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctorate by research</td>
<td>538</td>
<td>585</td>
</tr>
<tr>
<td>Doctorate by coursework</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Masters by research</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Masters by coursework</td>
<td>1822</td>
<td>1871</td>
</tr>
<tr>
<td>Postgraduate / graduate diploma</td>
<td>63</td>
<td>83</td>
</tr>
<tr>
<td>Graduate certificate</td>
<td>39</td>
<td>52</td>
</tr>
<tr>
<td>Bachelors</td>
<td>3076</td>
<td>3177</td>
</tr>
<tr>
<td>Diploma / associate diploma</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Non-award course</td>
<td>705</td>
<td>749</td>
</tr>
<tr>
<td>TOTAL</td>
<td>6334</td>
<td>6607</td>
</tr>
</tbody>
</table>

Note: Due to changes by DEST in the methodology and timing of collecting nationwide university data, DEST-generated statistics for 2006 were not available at the time of printing. Go8 comparisons on these pages represent the most recent statistics available.
FIVE YEARS – KEY STATISTICS

Notes: Number of students represents an unduplicated count of students enrolling in any semester of the enrolment year, excluding cross-institutional students. This definition was adopted by DEST in 2002. Student load represents the sum of the load for each semester, as recorded at the official census date in each semester, expressed in Equivalent Full-time Students Load units (EFTSL). Award completions represents the number of completed degrees, diplomas and certificates. Staff figures show the number of full-time equivalent positions occupied by full-time and part-time staff members as at March 31. Operating revenue and total assets figures are taken from the University’s annual financial statements and refer only to the University itself, not controlled entities. The apparent decrease in Government income in 2004 results from a change in accounting practice. Institutional Grants Scheme funding, provided by the Commonwealth from 2002 to support institutional research and research training activities, is distributed annually among universities under a formula that represents a measure of performance.

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>% change 2005-2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>37,493</td>
<td>38,161</td>
<td>38,139</td>
<td>37,177</td>
<td>37,518</td>
<td>0.9%</td>
</tr>
<tr>
<td>Female</td>
<td>54.4%</td>
<td>54.7%</td>
<td>54.7%</td>
<td>55.1%</td>
<td>55.1%</td>
<td></td>
</tr>
<tr>
<td>Commencing</td>
<td>14,574</td>
<td>13,613</td>
<td>13,236</td>
<td>12,865</td>
<td>13,463</td>
<td>4.7%</td>
</tr>
<tr>
<td>Female</td>
<td>55.7%</td>
<td>56.4%</td>
<td>56.1%</td>
<td>56.9%</td>
<td>55.6%</td>
<td></td>
</tr>
<tr>
<td>Student load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>28,953</td>
<td>29,391</td>
<td>29,329</td>
<td>28,955</td>
<td>29,066</td>
<td>0.4%</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>23,483</td>
<td>23,463</td>
<td>23,061</td>
<td>22,863</td>
<td>22,962</td>
<td>0.0%</td>
</tr>
<tr>
<td>Postgraduate</td>
<td>5470</td>
<td>4959</td>
<td>768</td>
<td>1092</td>
<td>611</td>
<td>-87.0%</td>
</tr>
<tr>
<td>Funding for places</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commonwealth fully subsidised coursework places</td>
<td>19,305</td>
<td>19,290</td>
<td>19,400</td>
<td>19,802</td>
<td>20,079</td>
<td>1.4%</td>
</tr>
<tr>
<td>Commonwealth Research Training Scheme</td>
<td>2036</td>
<td>2033</td>
<td>2058</td>
<td>1937</td>
<td>1857</td>
<td>-2.6%</td>
</tr>
<tr>
<td>Domestic full fee paying (award and non-award)</td>
<td>1846</td>
<td>2227</td>
<td>2319</td>
<td>2138</td>
<td>2123</td>
<td>-0.7%</td>
</tr>
<tr>
<td>International full fee paying</td>
<td>4252</td>
<td>4596</td>
<td>4950</td>
<td>5047</td>
<td>5216</td>
<td>3.3%</td>
</tr>
<tr>
<td>Marginally funded other sources and shortfall (-)</td>
<td>1514</td>
<td>1245</td>
<td>601</td>
<td>31</td>
<td>(239)</td>
<td></td>
</tr>
<tr>
<td>Award completions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>8259</td>
<td>8644</td>
<td>9010</td>
<td>8843</td>
<td>8745</td>
<td>-1.1%</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>5897</td>
<td>5963</td>
<td>5971</td>
<td>5766</td>
<td>5757</td>
<td>-0.2%</td>
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<tr>
<td>Postgraduate</td>
<td>2362</td>
<td>2681</td>
<td>3039</td>
<td>3077</td>
<td>2988</td>
<td>-2.9%</td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>4722</td>
<td>4865</td>
<td>5081</td>
<td>5251</td>
<td>5474</td>
<td>4.2%</td>
</tr>
<tr>
<td>Academic</td>
<td>1929</td>
<td>1979</td>
<td>2078</td>
<td>2200</td>
<td>2274</td>
<td>3.1%</td>
</tr>
<tr>
<td>Teaching and Research</td>
<td>1259</td>
<td>1263</td>
<td>1273</td>
<td>1550</td>
<td>1503</td>
<td>-3.0%</td>
</tr>
<tr>
<td>Research Only</td>
<td>670</td>
<td>716</td>
<td>805</td>
<td>656</td>
<td>771</td>
<td>17.5%</td>
</tr>
<tr>
<td>Non-academic</td>
<td>2793</td>
<td>2886</td>
<td>3003</td>
<td>3045</td>
<td>3200</td>
<td>5.1%</td>
</tr>
<tr>
<td>Research Only</td>
<td>392</td>
<td>436</td>
<td>455</td>
<td>473</td>
<td>498</td>
<td>5.3%</td>
</tr>
<tr>
<td>Other</td>
<td>2401</td>
<td>2450</td>
<td>2548</td>
<td>2572</td>
<td>2702</td>
<td>5.1%</td>
</tr>
<tr>
<td>Operating revenue ($’000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>690,707</td>
<td>732,266</td>
<td>735,121</td>
<td>820,551</td>
<td>937,485</td>
<td>14.3%</td>
</tr>
<tr>
<td>Commonwealth Government</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Purposes excluding HECS-HELP, FEE-HELP</td>
<td>219,737</td>
<td>225,544</td>
<td>212,282</td>
<td>250,741</td>
<td>267,473</td>
<td>6.7%</td>
</tr>
<tr>
<td>Capital Development Pool</td>
<td>2401</td>
<td>3136</td>
<td>2622</td>
<td>1570</td>
<td>1065</td>
<td>-32.2%</td>
</tr>
<tr>
<td>HECS-HELP</td>
<td>95,538</td>
<td>97,045</td>
<td>92,241</td>
<td>108,210</td>
<td>111,160</td>
<td>2.7%</td>
</tr>
<tr>
<td>Special Research Assistance</td>
<td>44,790</td>
<td>55,416</td>
<td>65,821</td>
<td>59,948</td>
<td>87,020</td>
<td>45.2%</td>
</tr>
<tr>
<td>NHMRC</td>
<td>16,166</td>
<td>23,419</td>
<td>25,360</td>
<td>21,734</td>
<td>28,518</td>
<td>31.2%</td>
</tr>
<tr>
<td>Other Commonwealth Grants</td>
<td>3000</td>
<td>8820</td>
<td>13,900</td>
<td>1806</td>
<td>11,206</td>
<td>520.5%</td>
</tr>
<tr>
<td>Consultancy and contract research</td>
<td>36,337</td>
<td>42,433</td>
<td>41,325</td>
<td>52,700</td>
<td>62,606</td>
<td>18.8%</td>
</tr>
<tr>
<td>Tuition Fees (including FEE-HELP)</td>
<td>78,851</td>
<td>93,092</td>
<td>111,467</td>
<td>133,810</td>
<td>138,607</td>
<td>3.6%</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>193,867</td>
<td>183,361</td>
<td>170,103</td>
<td>190,032</td>
<td>229,830</td>
<td>20.9%</td>
</tr>
<tr>
<td>Institutional Grants Scheme (IGS) income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td>26,785</td>
<td>28,337</td>
<td>28,947</td>
<td>29,052</td>
<td>28,731</td>
<td>-1.1%</td>
</tr>
<tr>
<td>as % of national total</td>
<td>9.9%</td>
<td>10.2%</td>
<td>10.2%</td>
<td>10.0%</td>
<td>9.7%</td>
<td></td>
</tr>
<tr>
<td>national rank order</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Property plant &amp; equipment ($’000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total net assets ($’000)</td>
<td>1,473,821</td>
<td>1,297,287</td>
<td>1,288,600</td>
<td>1,824,856</td>
<td>2,003,624</td>
<td>9.8%</td>
</tr>
</tbody>
</table>
Students in the Great Court, St Lucia campus.
Basis of authority

The original University Act was proclaimed in 1909 – the 50th anniversary of Queensland’s separation from New South Wales. In 1910, The University of Queensland was gazetted as Australia’s fifth university and, in 1911, we welcomed our first students.

Basis of authority

The University is governed by the University of Queensland Act 1998, which replaced a 1965 Act. The Act was amended in 2005 because of the Commonwealth Higher Education Support Act 2003. This year, the Act was administered by the Honourable Rod Welford MLA, as Minister for Education and Training and Minister for the Arts.

Under sections 4–6 of the Act, the University is constituted as a body corporate with the usual powers of a body corporate. It has a seal, and it may sue and be sued in its corporate name.

Our functions

The University’s functions are to:

* disseminate knowledge and promote scholarship;
* provide education at university standard;
* provide facilities for and encourage study and research;
* encourage the advancement and development of knowledge and its application;
* provide courses of study or instruction (at levels of achievement Senate considers appropriate) to meet community needs;
* confer higher education awards;
* provide for the wellbeing of staff, students and others taking courses;
* exploit commercially, for the University’s benefit, university facilities and resources such as study, research or knowledge belonging to the University (or their practical applications), whether alone or with someone else; and
* perform other functions given to the University under this or another Act.

Our powers

The University has all the powers of an individual and these may be exercised inside or outside Queensland and Australia. For example, the University may:

* enter contracts;
* acquire, hold, dispose of and deal with property;
* appoint agents and attorneys;
* engage consultants;
* fix charges and other terms for services supplied; and
* do anything else necessary to or in connection with its functions.

The University’s powers are elaborated on by other parts of the Act and other Queensland Acts, particularly the Statutory Bodies Financial Arrangements Act 1982.

Our governing body

Under sections 7–10 of the Act, the University Senate is the governing body responsible for management and control of University affairs. The Act defines financial responsibilities and specifies matters on which statutes can be made.
Under its constituting legislation, UQ has authority to establish companies that may further the University’s educational and research aims. The activities of such limited liability companies can include fundraising for and commercialisation of intellectual property (IP) developed by the University. Financial statements are prepared by each company and audited by the Queensland Audit Office. They are then consolidated with those of the University (see Appendix A). During 2006, UQ operated the following controlled entities:

**Comquest Group**
- Comquest Pty Ltd
- Comquest No 1 Pty Ltd
Member companies of the Comquest Group oversee marketing and commercial activities resulting from specialised research conducted at the Centre for Magnetic Resonance.

**UQ Holdings Group**
The group consists of companies involved in commercialisation of University research and other activities.

**UQ Holdings Pty Ltd**
UQ Holdings Pty Ltd manages UQ’s interests in companies established to capitalise on IP and other assets of the University. The company is the administrative entity and trustee of The University of Queensland Foundation Trust.

**UniQuest Group**
UniQuest Pty Ltd is the University’s main commercialisation and technology transfer company. It develops, commercialises and manages an extensive intellectual property and asset portfolio and provides consultancy and advisory services through its subsidiary and spin-off companies. Members of the UniQuest group in 2006 were:
- UniQuest Pty Ltd
- Activetorque Pty Ltd
- Antepodi Technologies Pty Ltd
-Ausonex Pty Ltd
- Bieme Pty Ltd
- Combinomics Pty Ltd
- Dendright Pty Ltd
- First Investor Pty Ltd
- Fluro Therapies Pty Ltd
- Imprezzo Pty Ltd (registered October 10, 2006)
- Leximancer Pty Ltd
- Lucia Publishing Systems Pty Ltd
- Neuronite Pty Ltd
- Pepfactants Pty Ltd (registered September 26, 2006)
- Polvavac Pty Ltd
- Rapisure Pty Ltd (registered April 21, 2006, control lost November 10, 2006)
- SORBS Technologies Pty Ltd
- Spin Systems (Qld) Pty Ltd (sold, control lost November 9, 2006)
- Thrombostat Pty Ltd
- Vacquel Pty Ltd
- Vascam Pty Ltd
- Wave Instruments Pty Ltd
- Xerocoat Pty Ltd (control lost April 2006)

**CiTR Group**
- CiTR Pty Ltd
- CiTR Incorporated
CiTR companies are owned by the University and operated and managed through UQ Holdings Pty Ltd. They specialise in services and products in advanced information and communications technology. CiTR Pty Ltd was spun out of the University’s Centre for Information Technology Research in 1994. CiTR Incorporated is a wholly owned US subsidiary.

**SARV Pty Ltd**
SARV holds an investment in land held for resale on behalf of the University.

**IMBcom Group**
- IMBcom Pty Ltd
- Kalthera Pty Ltd
- Cyclagen Pty Ltd
IMBcom and spin-off companies help develop and commercialise research and IP generated by the Institute for Molecular Bioscience (IMB). IMBcom protects the IP of IMB researchers, builds commercial and research alliances with other organisations and sources investment partners.

**JKTech Pty Ltd**
JKTech is the technology transfer company of the University’s Julius Krutttschnitt Mineral Research Centre (JKMRC). Its leading technologies, marketed to the Australian and international mining industries, include specialist consulting services, including provision of training courses, quantitative mineralogy and software and laboratory services. In 2006, JKTech conducted projects in 15 countries and won a Premier of Queensland Export Award for Small to Medium Manufacturers.

**The University of Queensland Foundation Trust**
The Trust provides seed funding for UQ research projects and promotes and encourages excellence through grants for annual UQ Foundation Research Excellence Awards.
UQ’s new senators (clockwise from back left), Mrs Judith Bell, Mr John Story, Mr Tim Crommelin, Dr Jane Wilson, Ms Nerolie Withnall and Mrs Isabel Tarrago.
In 2006, we continued to build on our long-standing commitment to accountability and transparency in managing our economic, social and environmental responsibilities.

Our leaders

Our University is governed by a Senate representing University and community interests and is led by the Chancellor and Deputy Chancellor.

The term of the 31st Senate began on January 1, 2006. In accordance with National Governance Protocols outlined in the Higher Education Support Act 2003, several changes were made to the composition of The University of Queensland Senate and they were reflected in changes to the University of Queensland Act in 2005. The Act requires universities to comply with 11 Corporate governance

Our Senate

www.uq.edu.au/senate

Applying new protocols

In 2006, the University submitted to the Commonwealth Department of Education, Science and Training (DEST) a Statement of Certification demonstrating compliance with the National Governance Protocols and qualified for the additional 7.5 percent funding in 2007.

The composition of the 31st Senate complies with the requirements specified in the Protocols. The size of the Senate has been reduced from 35 to 22 and changes have been made to the composition and to terms of members. The 22-member Senate comprises three official members, eight appointed by the Governor-in-Council, eight elected members and three members appointed by Senate. Members serve for a term of four years, with elected students serving two-year terms. The Chancellor has been elected for three years, ending on December 31, 2008.

In light of the reduction in its size, Senate made changes to the composition of its committees and has involved more external people in the work of the committees.

Defining responsibilities

As part of its compliance with the Protocols, Senate formally adopted a statement of duties and responsibilities. Senate, as our governing body:
appoints the Vice-Chancellor and monitors performance;
approves our mission and strategic direction, annual budget and business plan;
oversees and reviews overall management and performance;
establishes policy and procedural principles, consistent with legal requirements and community expectations;
approves and monitors systems of control and accountability, including a general overview of any controlled entities as defined by the test of control in s50AA of the Corporations Act;
oversees and monitors the assessment and management of risk University-wide, including commercial undertakings;
oversees and monitors academic activities in the light of advice from the Vice-Chancellor and the Academic Board; and
approves significant commercial activities undertaken by the University.

Senators also formally adopted the following statement of their duties and responsibilities, to
act in the University’s best interests;
act honestly and in good faith;
disclose relevant third-party interests and avoid conflicts of interest;
exercise duty of care, skill, diligence and confidence;
develop familiarity with Standing Orders and understand operating protocols for conducting business;
understand our University’s work;
observe confidentiality;
develop linkages and use networks to assist in achieving University goals; and
be able and willing to participate in the work of Senate and its boards and committees through regular attendance at meetings.

Developing skill sets
As part of the professional development program developed for Senators, a Senate Retreat was held in April to provide a formal opportunity for members to meet each other and the University’s Senior Officers. The Retreat program provided an outline of the operations of the University and included overviews by Directors of central administrative divisions. Members of the Vice-Chancellor’s Executive group made presentations on the University’s Budget and strategic planning process; research management and performance; enhancement of teaching and learning; the University’s strategic approach to international issues; and the evaluation of the Senate’s performance and issues of governance.

At the start of the term of the 31st Senate, new and continuing members of Senate were invited to attend an induction session with the Secretary and Registrar. The session provided an organisational overview and covered the role of Senate and Senators, commercialisation, strategic planning cycles, risk management, meeting procedures and committees of Senate. Members were given an induction package, which included information about the University’s operations and Senate.

Senators have been provided with access to the services and programs of the University Governance Professional Development Program offered by the National Institute of Governance, at the University of Canberra.

Election of Chancellor and Deputy Chancellor
Senate re-elected Sir Llewellyn Edwards, AC, as Chancellor of the University for a three-year term. The Honourable Justice Dr Margaret White was elected Deputy Chancellor for a period of office ending on December 31, 2009.
In accordance with contemporary enterprise risk management concepts and practice, as adopted by UQ, Assurance and Risk Management Services (ARMS) continued to make the transition from full-coverage audit to a risk-based approach during 2006.

A natural consequence of the transition has been a reduction in the number of reviews conducted annually, as greater priority is given to reviewing University-wide functions than organisational units. Our self-assessment questionnaire program has been extended to ensure, as we move further to risk-based work planning, that wide coverage of University organisational units is achieved.

With two information systems auditors in our team of seven people, ARMS focuses heavily on reviews of major systems and facilities and provides advice and consultation on innovation. ARMS staff completed 41 reports on audits of faculties, schools, centres, IT systems and University-wide areas and two investigation reports. Complex reviews included:

- real estate holdings and rental properties;
- business continuity planning;
- control over private consultancy work;
- process of entering into contractual arrangements;
- Customs House and Restaurant;
- governance – role of Heads of Schools;
- internet code of practice – compliance;
- ePayments back office system;
- software copyright compliance;
- management of credit card expenditure;
- compliance with patient consent requirements – medical, dental and veterinary;
- salary packaging;
- Library IT system; and
- online verification of academic results.

Our Institutional Biosafety Committee reviews research involving genetically-modified organisms as prescribed by the Gene Technology Act 2000. It is responsible for regulating (1) use of high-risk biological material that is not genetically modified; (2) importation of quarantine material (regulated by the Australian Quarantine Inspection Service); (3) export of high-risk material (regulated by the Department of Defence); and (4) transport of biological material by air, post and road. The secretary of the Committee is a member of our Occupational Health and Safety Unit.

Our Institute for Molecular Bioscience and Faculty of Social and Behavioural Sciences employ a Director of Public Policy and Ethics to research and comment on ethical and policy issues raised by bioscience research and biotechnology. This is a research rather than a regulatory position and reflects our commitment to fostering collaborations between the social and other sciences.

Whistleblowers

We received one complaint under the Whistleblowers Act in 2006. Having been referred to the Crime & Misconduct Commission, the matter was returned to UQ where it was investigated by staff from Assurance and Risk Management Services. Charges of misconduct were laid and the matter was finalised appropriately.
Enterprise risk management

Being the first full year of service by the Manager, Enterprise Risk Management (ERM) Services, 2006 saw a great deal of progress made in embedding ERM structure and process University-wide and in conducting significant risk assessments.

Major steps forward included:
* developing and implementing a University-wide ERM framework;
* establishing the Risk Management Committee of Senate;
* attracting a high-profile risk management professional as an external member of the Risk Management Committee;
* conducting a strategic risk assessment to determine the University’s key corporate risks and developing a corporate risk management plan;
* conducting operational risk assessments and preparing risk management plans by the University’s major operational areas;
* using risk management information supplied by ARMS in developing its risk-based audit and assurance work program; and
* starting development of risk management software to facilitate the risk management process University-wide.

The Manager, ERM Services, facilitated a significant number of risk management meetings and risk assessment workshops during the year. Major activities included:
* involvement in discussions with the University’s insurers in relation to major assets insurance;
* reviewing DSTO risk management plans for use of the Woomera rocket range and providing risk management advice to HyShot program management;
* facilitating a workshop for ITS, Property and Facilities and Finance and Business Services to assess risks associated with the ITS Data Centre project;
* facilitating a workshop for Finance and Business Services for fail-over testing of the Masterpiece and Aurion software;
* providing advice on establishing new policy and procedures for working off-campus and overseas travel; and
* membership of the University’s Crisis Management and Recovery Steering Committee.

The Manager, ERM Services, produced 12 risk assessment reports during the year. The ERM framework involves coordination of risk management by the Manager, ERM Services, and reporting on its implementation and effectiveness through the Director, ARMS, to the Risk Management Committee. The committee can then provide assurance to Senate on the status of ERM and the effectiveness of management of significant business risk.

Freedom of Information

Sixty-nine applications (27 by present or former staff, 36 by students or former students whose queries focused on their time as students, and six by members of the public) were assessed under the Queensland Freedom of Information Act 1992. That compared with 50 applications in 2005 and echoed a trend for staff and students to seek personal information and external applicants to seek non-personal information.

We gave access to many documents (usually personal to the applicants) as part of routine administrative processes not subject to formal Freedom of Information procedures.

University committees

<table>
<thead>
<tr>
<th>COMMITTEE</th>
<th>CHAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit</td>
<td>Professor Robert Wensley, QC</td>
</tr>
<tr>
<td>Buildings and Grounds</td>
<td>Dr Mary Mahoney, AO</td>
</tr>
<tr>
<td>Finance</td>
<td>Mr Norbury Rogers, AO</td>
</tr>
<tr>
<td>Honorary Degrees</td>
<td>Chancellor</td>
</tr>
<tr>
<td>Legislative</td>
<td>Mr Roger Byrom</td>
</tr>
<tr>
<td>Membership and Nominations Advisory Committee</td>
<td>Chancellor</td>
</tr>
<tr>
<td>Occupational Health and Safety</td>
<td>Mr John Desmarchelier, AM, ED</td>
</tr>
<tr>
<td>Professorial Promotions</td>
<td>Vice-Chancellor</td>
</tr>
<tr>
<td>Risk Management</td>
<td>Vice-Chancellor</td>
</tr>
<tr>
<td>Standing Committee of Equity, Diversity and the Status of Women</td>
<td>Dr Mary Mahoney, AO</td>
</tr>
<tr>
<td>Student Appeals</td>
<td>Deputy Vice-Chancellor (Academic)</td>
</tr>
<tr>
<td>*key Senate committees</td>
<td></td>
</tr>
</tbody>
</table>

www.uq.edu.au/senate

<table>
<thead>
<tr>
<th>COMMITTEE</th>
<th>CHAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Board Standing Committee</td>
<td>President, Academic Board</td>
</tr>
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<td>Academic Programs Policy</td>
<td>President, Academic Board</td>
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<td>Academic Programs Review</td>
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<tr>
<td>Library</td>
<td>Deputy President, Academic Board</td>
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<td>Research Higher Degrees</td>
<td>Director, Graduate School</td>
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<td>Research</td>
<td>Deputy Vice-Chancellor (Research)</td>
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<tr>
<td>Teaching and Learning</td>
<td>Deputy Vice-Chancellor (Academic)</td>
</tr>
<tr>
<td>Appointments and Promotions</td>
<td>President, Academic Board</td>
</tr>
</tbody>
</table>

www.uq.edu.au/academic-board
Senior officers

The Chancellor and Deputy Chancellor lead the University Senate. The Vice-Chancellor is our Chief Executive Officer. He is supported by an Executive, as detailed on these pages.

Chancellor

Leads the University Senate and presides at Senate.

Re-elected for his fifth term as Chancellor for three years from 2006. Member of Senate since 1984. Executive consultant to Jones Lang LaSalle in commercial real estate. Director of several public companies. Former Chair and Chief Executive Officer of World Expo ’88 Authority. Elected to Queensland Parliament as MLA (Lib) for Ipswich in 1972; served terms as Health Minister, Deputy Premier and Treasurer before leaving Parliament in 1983. Directorships: Unisec Pty Ltd 2003–; Chair of UQ Holdings Pty Ltd 1998–; and Pacific Film and Television Corporation 1989.

Deputy Vice-Chancellor (Research)

Responsible for enhancement of the University’s research and research training profile, and development of research collaborations.


Professor David Siddle
BA (Hons), PhD Qld, FASSA, FAPS

Deputy Vice-Chancellor (International and Development)

Responsible for international development, policy and strategy, fundraising and development, capital asset management and space planning.

Appointed Deputy Vice-Chancellor (International and Development) in 2000. Previously University of Queensland Pro- Vice-Chancellor (Academic) 1997–99; Dean of Business, Queensland University of Technology 1995–97; Head, Graduate School of Management, The University of Queensland 1992–94. Directorships: CRC for Sustainable Tourism Pty Ltd and its subsidiary, Sustainable Tourism Holdings Pty Ltd; Queensland Education and Training Export Board; and Carisgold Pty Ltd. Member, Board of Governors of Sohar University, Sultanate of Oman.

Professor Trevor Grigg
BE (Hons), BEcon, PhD Qld, CPEng, FIEAust, FAIM, FAICD

Deputy Vice-Chancellor (Academic)

Oversees policies on teaching and learning, information technology, quality assurance and equity.

Responsibilities include Dean of Students Office, Library, Office of Marketing and Communications, Office of University Development and Graduate Relations (from July 2006), the Aboriginal and Torres Strait Islander Studies Unit, Customs House, the Equity Office and the Teaching and Educational Development Institute.


Professor Michael Keniger
AADip Lond, LFRAIA, RIBA, FTSE, FQA
Deputy Chancellor
Acts as Chancellor in the absence of the Chancellor or when the office of Chancellor is vacant.


Vice-Chancellor
CEO, responsible to Senate for overall direction of strategic planning, finance and external affairs.

Vice-Chancellor and ex-officio member of Senate since 1996. Previously Vice-Chancellor and President, Deakin University 1992–95; Senior Deputy Vice-Chancellor, Monash University 1988–91; and Dean of Arts, Monash 1987, establishing National Key Centre for Australian Studies. Chair of the Carrick Institute for Learning and Teaching in Higher Education; Institute for Molecular Bioscience; Deputy Chair of the Brisbane Institute. Immediate past Chair of Universitas 21. Numerous memberships including Board of Trustees, Brisbane Girls Grammar School; National Library of Australia Council. General editor of Bibliography of Australian Literature project.

Secretary and Registrar
Leads and coordinates the work of central administrative divisions and information technology services; Secretary to the University Senate.

Appointed Secretary and Registrar in 1986. Previously Deputy Registrar, University of Manchester; University Planning Officer, University of Aston, Birmingham. Directorships: QTAC Board, Unimutual Ltd, Unised Pty Ltd Board; UniQuest Pty Ltd, Comquest Group Board; SARV Pty Ltd Board; CITR Pty Ltd; Joint Company Secretary UQ Holdings. Member of the PeopleSoft International Customer Advisory Board (2002–2005); Member of the Governing Body of Queensland Studies Authority; Chair QSA Finance Committee; Chair QSA Tertiary Entrance Committee; Chair, St John’s College Council. Secretary to The University of Queensland Senate. Honorary Secretary to the Queensland Rhodes Scholarship Selection Committee.

Senior Deputy Vice-Chancellor
Responsible for strategic planning and overall management of faculties, IMB and Queensland Brain Institute.

Appointed Senior Deputy Vice-Chancellor in 2002, Previously Deputy Vice-Chancellor 2001; Deputy Vice-Chancellor (Research) 1997–00; Executive Dean of the Faculty of Engineering, Physical Sciences and Architecture (est 1997); and Pro-Vice-Chancellor (Physical Sciences and Engineering) 1993–96. Chair of Scientific Advisory Group to the Moreton Bay and Waterways Partnership; and Hazardous Waste Technical Working Group (Basel Convention). Directorships: Symbiosis Ltd; NICTA Ltd; several University companies including UniQuest Pty Ltd, IMBcom Pty Ltd, and UQ Holdings Ltd.

Pro-Vice-Chancellor Ipswich
Responsible for overall management and development of the UQ Ipswich campus and its external relationships, and management of Academic Employee Relations.

Appointed inaugural Pro-Vice-Chancellor Ipswich in 2004. Previously Executive Dean of the Faculty of Arts 1997–2004; Pro-Vice-Chancellor (External Affairs) 1994–1996; Head, Department of Asian Languages and Studies 1985–1994. Directorships: Council of the National Trust of Queensland; Chair, Board of St Joseph’s College, Gregory Terrace; Chair, Ipswich Region Education and Training Cluster; Board of Ipswich Region Chamber of Commerce and Industry; Advisory Board of the Workshops Rail Museum (a branch of the Queensland Museum); Advisory Board of the Currumbin Wildlife Sanctuary Board; and Board of Ipswich Arts Foundation.

President of the Academic Board
Chairs and coordinates the board’s work on policies relating to academic programs, teaching and learning, assessment, research, academic staff promotions, prizes and scholarships. Oversees reviews of academic schools, centres and other organisational units offering teaching and research programs.

Appointed President, Academic Board in 2006. Head of Mathematics 2000–2003, Director of the Centre of Mathematical Physics 1999–2005; and Director of the Australian Graduate School of Mathematics. Member of the Board of Directors of the Australian Mathematical Sciences Institute and the International Association of Mathematical Physics.
2006 was the first year in the four-year term of the 31st Senate of the University, beginning on January 1, 2006. Senate met formally on six occasions in 2006.

Appointed members

Eight members appointed by the Governor-in-Council:
- Ms Judith Bell, BA Qld, BEd QUT
- Mr Timothy B Crommelin, BCom Qld, AdvMgmtProg Hawaii, FSIA
- Mr Norbury Rogers, AO, BCom, Hon DEcon Qld, AAUQ Qld, FCA, FAICD
- Mr Kenneth J Smith, BSW (Hons) NSW, MSW NSW
- Mr Nicholas W Stump, BAppSc (Hons) S Aust, MAppSc Adel, FAusIMM
- Ms Isabel Tarrago, BA, DipLegSt
- The Honourable Justice Margaret J White, LLB Adel, Hon LLD Qld
- Mr Ross K Rolfe, BA (Hons) Qld

Elected members

One member of the Academic Board
Professor John de Jersey, AM, BSc (Hons) Qld, PhD Qld

One member of the full-time or part-time academic staff of the University
Dr Andrew Bonnell, BA (Hons) Syd, PhD Syd

One member of the full-time or part-time general staff of the University
Mr Mark D Starkey, BA Qld

One postgraduate student
Ms Vera Schliessel, BSc UMBC, MSc Bonn

One undergraduate student
Ms Meggen Lowry

Three graduates of the University
- Mr Denis J Brosnan, BA (Hons) Qld, MLitSt Qld
- Dr Mary D Mahoney, AO, MBBS Qld, GDIpcinEd NSW, Hon MD Qld, FRACGP, MRACMA, FAIM, FAMA
- Mr Robert N Wensley, QC, BE (Hons) Qld, MEngSc Qld, LLB (Hons) Qld, Hon LLD Qld

Additional members

Three persons appointed by Senate
- Mr John D Story, BA Qld, LLB Qld, FAICD
- Dr Jane Wilson, MBBS Qld, MBA Harv, FAICD
- Ms Nerolie Withnall, BA Syd, LLB Syd, FAICD

Secretary
Mr Douglas Porter, BA (Hons) Durh, FAIM
Secretary and Registrar

In attendance but not members of Senate

Senior Deputy Vice-Chancellor
Professor Paul Fawcett Greenwood, AO, BE (Hons) NSW, BEcon Qld, PhD NSW, FTSE, FChemEng, MIE Aust

Deputy Vice-Chancellor (Academic)
Professor Michael Keniger, AADip Lond, LFRAIA

Deputy Vice-Chancellor (International and Development)
Professor Trevor J Grigg, BE (Hons) Qld, BEcon Qld, PhD Qld, FIE Aust, FAIM

Deputy Vice-Chancellor (Research)
Professor David Siddle, BA (Hons) Qld, PhD Qld, FASSA, FAPS

Pro-Vice-Chancellor Ipswich
Professor Alan Rix, BA ANU, PhD ANU

University Legal Officer
Roger Byrom, LLB (Hons) Sheff

President, UQ Union
Ms Lucinda Weber
Australian of the Year Professor Ian Frazer (left) and Prime Minister John Howard.
The mission of The University of Queensland is to create a community dedicated to achieving national and international levels of excellence in teaching, research and scholarship, one that makes significant contributions to the intellectual, cultural, social and economic life of the State of Queensland and the Australian nation.

Throughout its history of almost a century, The University of Queensland has shared with the world’s great universities the enduring values of creating and transmitting knowledge, the passionate and disinterested pursuit of truth, the maintenance of the highest standards of teaching, research and scholarship and the enhancement of society’s core values.

As Queensland’s first and pre-eminent university, The University of Queensland is one of only three Australian foundation members of the multi-national Universitas 21 group of world-class, research-intensive universities. It offers programs across a wide range of disciplines and is committed to benchmarking its operations against appropriate international standards of best practice and to maintaining a diverse and principled scholarly community of outstandingly able and ethical staff and students.

In a situation of competition, uncertainty and change, The University of Queensland seeks to identify and develop new and appropriate strategic priorities in teaching and research, in the development, management and diversification of our resource base and in the use of new technologies to provide leading-edge infrastructure. The University’s Strategic Initiatives Fund plays a crucial role in helping achieve new priorities across a wide range of activities by leveraging significant sources of new funding.

New, world-class research institutes and centres, the continuing development of innovative programs, courses and pedagogies and an abiding commitment to enhanced levels of quality assurance and accountability reflect some of the ways in which The University of Queensland seeks to honour its responsibilities both to its own community and to the wider communities with which it interacts.
Key operational priorities

All actions will be influenced by the pressing need to attract substantially greater amounts of income from sources apart from the base Commonwealth Grant, in order to overcome prospective funding difficulties, provide adequate remuneration to staff, and remain dynamic and responsive to changing opportunities and demands into the future. The University’s long-term strategic objectives and immediate operational priorities for each of its key areas of activity are set out in full in later sections. However, the University Senate has determined that the most critical operational priorities for the immediate future are to:

1. attract and retain the most able students, with the aim of achieving equity and diversity in the student population;
2. enhance students’ learning experiences with attention to improving student: staff ratios;
3. support research-based teaching and learning culture and practice;
4. achieve a graduate student proportion of 25 percent, with increasing emphasis on research students;
5. internationalise all facets of the University’s endeavours;
6. improve research productivity and quality, focusing on areas of strategic priority;
7. maintain leadership in the transfer and commercialisation of intellectual property;
8. increase and diversify the University’s income base;
9. implement best practice in managing people, resources and systems, ensuring equality of opportunity for all staff regardless of their background; and
10. enhance the physical environment and facilities of the University, particularly teaching and learning facilities.

Strategic Initiative Funds will be applied preferentially in support of these priorities.

Projected student load profile

The University aims to achieve the student load targets set out in the following table:

<table>
<thead>
<tr>
<th>Student load 2004-2010</th>
<th>RECORDED</th>
<th>PROJECTED</th>
<th>% INCREASE 2005-2010</th>
<th>% SHARE IN 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2004</td>
<td>2005</td>
<td>2006</td>
<td>2007</td>
</tr>
<tr>
<td><strong>BY PROGRAM TYPE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher degree research</td>
<td>2731</td>
<td>2738</td>
<td>2850</td>
<td>2900</td>
</tr>
<tr>
<td>Postgraduate coursework</td>
<td>3537</td>
<td>3388</td>
<td>3250</td>
<td>3300</td>
</tr>
<tr>
<td>Undergraduate and non-award</td>
<td>23,061</td>
<td>22,768</td>
<td>23,050</td>
<td>23,350</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>29,329</td>
<td>28,894</td>
<td>29,150</td>
<td>29,550</td>
</tr>
<tr>
<td><strong>BY FUNDING SOURCE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HECS-based, RTS and other</td>
<td>22,059</td>
<td>21,660</td>
<td>22,000</td>
<td>22,200</td>
</tr>
<tr>
<td>Domestic fee paying</td>
<td>2319</td>
<td>2179</td>
<td>2050</td>
<td>2050</td>
</tr>
<tr>
<td>International fee paying</td>
<td>4950</td>
<td>5056</td>
<td>5100</td>
<td>5300</td>
</tr>
</tbody>
</table>

The table shows actual student load for the full year in Equivalent Full-time Student Units (EFTSUs). Strategic Plan targets include all recorded load at Mt Eliza Business College, but not at offshore partner campuses. “Other” funding source load includes extended enrolment domestic research load.
Teaching and learning

Strategic objectives
As the preferred university of the majority of Queensland’s most highly qualified students, whether school leavers, mature-age students or graduates returning for higher-level studies, as well as of outstanding international students, The University of Queensland is committed to excellence of learning experiences and outcomes and will:

• provide rewarding educational experiences that develop in graduates capacities for independence and creativity, critical judgement, effective communication and ethical and social understanding as well as in-depth knowledge of a field of study;
• deliver an enhanced and flexible approach to learning that meets curricular and pedagogic objectives by actively engaging students and providing the benefits of small group interactions;
• ensure effective, structured evaluation of teaching and learning quality and outcomes, enlightened by feedback from students, scholars, professions, industry and community;
• recognise the relationship between excellence in teaching and learning and research and reinforce a commitment to the distinctiveness of a research-based culture for teaching and learning;
• support ways to build effective learning communities that encourage independent learning and peer interactions;
• review and enhance postgraduate coursework programs to renew and increase the postgraduate profile to assist in achieving a student body of which 25 percent is at postgraduate level;
• support improved access by students from disadvantaged backgrounds;
• deliver an international focus through curricula and through exposure of students to educational and cultural experiences at this University and overseas;
• recruit, develop and retain staff who provide high quality teaching and learning; and
• enhance the teaching and learning environment, particularly in relation to provision of high quality infrastructure for flexible learning.

Operational objectives
• Increase the use of flexible learning approaches and the appropriate use of information and communications technologies in educational programs;
• Monitor and review the provision of curriculum and assessment to encourage and reinforce improvements in the quality of teaching and learning;
• Build opportunities for students to engage with the University’s research environment through learning communities that provide the culture and experiences of research;
• Support initiatives, including the recruitment of additional staff, to improve the student learning experience, especially for first-year students;
• Support a system of curriculum development and review that focuses strongly on innovative and effective curriculum design;
• Improve guidance and advice to students about program and course selection to assist students to identify potential career paths;
• Seek and respond to student feedback about the quality of teaching and learning and of the teaching and learning environment;
• Develop strategies to improve access and participation of students from disadvantaged backgrounds;
• Develop strategies to support internationalisation of programs and courses, including the offering of at least one program per faculty requiring a component of offshore study in collaboration with overseas university partners;
• Develop strategies to increase the offshore mobility of domestic students to five percent of the student body by 2009;
• Seek opportunities for enhanced collaboration and strategic partnerships in teaching and learning with other institutions in Australia and overseas;
• Ensure that the teaching quality assurance program, the staff promotion process and other incentives reward and promote school and individual achievement in teaching and learning excellence;
• Provide staff development to support best practice approaches to teaching and learning and to encourage teaching and learning staff to be innovative, effective and reflective; and
• Develop a program to enhance infrastructure to support flexible teaching and learning practices and to extend the development and use of collaborative teaching and learning spaces.

STRATEGIC DIRECTION

Dr Vic Galea developed the unique project, A Virtual Plant Pathology Lab CD-ROM, in response to a challenge from the University to enhance the learning opportunities for students through the use of technology. Dr Galea is a winner of a 2006 Excellence in Teaching Award.
Research and research training

Strategic objectives
The University of Queensland is one of Australia’s premier, broad-based research-intensive universities. The University aims to achieve international excellence in all types of research and research training, from fundamental, curiosity-driven work that adds to the stock of knowledge through to applied research resulting in commercial innovation. The University considers that excellence in research underpins both excellence in teaching and the ability to develop depth in its community partnerships. Its commitment to quality research is underpinned by a growing portfolio of world-class infrastructure. The University of Queensland Graduate School has positioned the University as a graduate destination of the highest standards.

In seeking to develop its international reputation for research excellence, the University will:

* promote the importance and benefits of research to the wider community and champion the leadership role that the University plays in research and research training activities;
* achieve international distinction across a significant number of strategically-prioritised areas of research;
* develop major research collaboration with government agencies, industry and the international community;
* increase research funding from all state, national and international sources; and
* enhance the University’s role as one of Australia’s major providers of research training by providing innovative and flexible programs at honours, masters and doctoral levels.

Operational objectives

* Improve the University’s research performance by international and national standards;
* Critically assess the amount and quality of research performed by faculties, schools and centres against relevant comparators;
* Identify and create critical mass in strategically-important areas of research;
* Identify and direct support to areas of strength;
* Recognise and reward the very best performance in research and in research supervision;
* Provide opportunities and encouragement for all staff to develop their research strategies and enhance their performance and supervisory skills, with targeted support for early career researchers;
* Encourage all new staff to develop an active, externally-focused research profile and to improve their supervision skills;
* Attract, retain, educate and graduate a growing cohort of higher degree research students;
* Provide appropriate support structures and facilities to foster outstanding performance at both higher degree and postdoctoral levels;
* Improve the training and broaden the educational experiences of all higher degree research students;
* Develop and maintain an excellent research infrastructure capability to meet the needs of researchers and research students;
* Maximise research collaboration with industry; and
* Identify and support potential opportunities for the commercialisation of University-owned intellectual property through research contracts, licence agreements and spin-off companies.

Dr Stephen Chenoweth is one of the Research Excellence Award winners 2006. Using fruit flies, Dr Chenoweth is investigating how genetic triggers produce key differences between males and females, such as longevity and particular diseases.
Community partnerships

Strategic objectives
Recognising that its activities and resources represent a remarkable state and national resource, the University will:
• develop closer and more numerous links with the wider community of which it is a part;
• establish strategic partnerships and identify priorities that mutually serve its interests and those of its stakeholders;
• collaborate in strategic activities for community benefit with industry, business and professional groups and with instrumentalities at city, state, national and international levels;
• champion the role of education and research in underpinning the economic health and social well-being of local, state, national and international communities;
• provide staff with the opportunity to contribute to the community while achieving educational and personal development outcomes;
• build on its strengths in the services it is able to offer the community, helping to find and promote innovative and sustainable solutions to community challenges; and
• maintain its role as a provider of specialist services to the community through its libraries, museums, clinics, collections and other specialised scientific, cultural and public performance facilities.

Operational objectives
• Play a leading role in stimulating intellectual debate within the community on cultural, economic and social issues, for the advancement of Queensland;
• Increase recognition within Queensland and the wider national and international communities of the excellence of the University’s educational programs and research through a comprehensive community information program;
• Ensure that the University’s graduates are well-informed on the activities, aims, aspirations and commitments of the University as a basis for establishing and maintaining enduring long-term relationships between the University and its alumni;
• In partnership with communities, business, government and non-profit organisations, identify community needs which the University is well-placed to service;
• Facilitate community involvement in University decisions affecting the community;
• Expand the professional contributions of staff in their specialised fields to the needs of government, business, health, rural and community organisations;
• Maintain and extend activities in continuing professional education, as part of the mainstream teaching responsibilities of the University, by offering post-tertiary courses which reflect the latest developments in their fields and, wherever possible, are articulated to award courses; and
• Enhance relationships with the University’s alumni through the development of a domestic and international alumni strategy, in the latter case to grow international alumni networks and the number of active international alumni by 100 percent by 2009.
Management and resources

Strategic objectives
The University of Queensland will:
* ensure that its academic aims and aspirations are supported by effective management structures, policies, practices and systems and that all aspects of the University are administered in a professional and client-focused manner;
* ensure that the faculties and other principal organisational groups take responsibility for implementing the strategic objectives and operational priorities in this plan;
* devolve the management of resources to the most effective level;
* seek to enhance levels of funding from all sources, particularly sources independent of the base Commonwealth Grant;
* develop, maintain and implement effective policies and procedures for the recruitment, retention and development of high-quality staff;
* assist managers to lead and manage their staff more effectively and to support the effective implementation of change across the University;
* seek to enhance levels of funding from all sources, particularly sources independent of the base Commonwealth Grant;
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* assist managers to lead and manage their staff more effectively and to support the effective implementation of change across the University;

Operational objectives
* Implement modern systems in support of teaching, learning and administration and provide access to these systems in flexible user-friendly ways, particularly to connect students and staff with their learning environments and to provide timely management information for institutional performance measurement and quality assurance and control;
* Ensure that faculties, institutes, central services and the central administration develop and maintain operational plans to support the University’s Strategic Plan;
* Ensure that faculties, institutes, central services and the central administration demonstrate their management effectiveness by operational benchmarking;
* Rationalise activities to allow support to be provided for growth and development of strategic strengths and to ensure that the University’s resources are used as effectively as possible in support of its strategic objectives;
* Ensure that faculties prepare business plans for all new major academic activities, particularly those associated with the internationalisation of teaching and research endeavours, to demonstrate projected financial returns and resource commitments;
* Encourage and support all parts of the University in efforts to attract an increasing proportion of funding from non-government sources;
* Secure development funds from external sources of at least $100 million in the period 2006-2010 for projects based on sound business plans and associated with the University’s strategic objectives;
* By 2010, increase revenue from sources apart from the core Commonwealth Grants (Commonwealth Grant Scheme, Research Training Scheme, Institutional Grants Scheme and Research Infrastructure Block Grants) by at least 40 percent above the 2004 level of $492 million;
* Provide development and training opportunities to assist staff in their professional development and to improve the University’s organisational efficiency and effectiveness;
* Promote equality of opportunity through a proactive equity and diversity program;
* Review the ongoing appropriateness of the current budget framework for the management of the University’s capital assets and for the maintenance of its infrastructure;
* Develop, implement and maintain a comprehensive development plan for the University; and
* Develop, implement and maintain a comprehensive marketing and communications plan.
From the Chancellor

Annual reporting is an exacting task – and a great opportunity to share with our stakeholders the activities, initiatives and outcomes that made 2006 memorable for our University.

As outlined in the following pages, we have made steady, focused progress towards the objectives and priorities outlined in our Strategic Plan. We have kept an eye focused on the future, as we monitor the higher education environment and plan for continuing success, relevance and growth.

As part of the implementation of new National Governance Protocols, the University began 2006 with a new, 22-member Senate, the 31st Senate of The University of Queensland.

It was a privilege to lead Senate in 2006 as Chancellor and to work with so many dedicated and talented people throughout the University.

The collective efforts of our Vice-Chancellor, his Executive, my fellow Senators, University staff, students and graduates generated some extremely positive outcomes in 2006 and I sincerely thank every one of you for your contributions.

Sir Llewellyn Edwards, AC
Chancellor
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Dr Karen Moni is a winner of an Award for Excellence in Teaching.
Teaching and learning

www.uq.edu.au/teaching-learning

We promote excellence in teaching and learning through advanced teaching techniques, research-based study programs and a flexible, effective learning environment.

Our students

Enrolments

The University of Queensland continues to attract a dominant share of the most able Queensland Year 12 students to its undergraduate programs.

The most attractive programs in 2006 for the highest achievers (the 300 OP 1 admissions) were science (83), law (58), engineering (57), pharmacy (30), dentistry (26), and physiotherapy (18).

There were 28,506 domestic students and 5477 international students enrolled with UQ for first semester, 2006.

UQ’s Faculty of Business, Economics & Law attracted the most enrolments (7073), followed by Arts (5254) and Health Sciences (5045).

Our largest postgraduate sector was masters by coursework (4663, or 12.5 percent of all students), followed by doctorate by research (3587 students).

International students representing 117 countries formed 17.6 percent of the student body. Of 6607 students, the largest group (1006) was from the People’s Republic of China. International enrolments increased 4.3 percent overall, driven by strong growth in the doctorate by research (from 538 in 2005 to 585 in 2006), masters by coursework (1822 to 1871), non-award (705 to 749) and bachelors (3076 to 3177).
Graduations

In 2006, 5810 of our 8745 graduates attended 25 ceremonies in Australia and four celebrations overseas. The latter were held in Singapore and Kuala Lumpur and, for the first time, in Beijing and Shanghai in the People’s Republic of China.

Graduation highlights included:
- graduation of the first cohort from the Bachelor of Nursing program at UQ Ipswich;
- more than 100 awards to health professionals in audiology, dentistry, human movement studies, medicine, pharmacy, physiotherapy, population health, occupational therapy and speech pathology;
- high proportions of graduates from the faculties of Business, Economics and Law (26 percent of all graduates), Arts (16 percent) and Health Sciences (14 percent); and
- the award of one Distinguished Service Medal and nine degrees honoris causa, including a Doctor of Laws honoris causa to the Governor, Her Excellency Ms Quentin Bryce, AC.

Graduate outcomes

UQ graduates, under age 25 and available for full-time work, have again achieved outstanding employment rates.

Graduate Careers Australia’s Australian Graduate Survey 2006, released in December, showed UQ graduates continued to be highly sought by employers.

In the national performance figures, compiled by the Federal Government, UQ had achieved a full-time employment rate for bachelor degree graduates for 2005 of 85.7 percent against the national full-time employment figure of 82.4 percent.

Over an extended period, UQ had only 4.5 percent of its graduates recorded as unemployed and seeking full-time employment in the Graduate Destination Survey.

UQ graduates reported high full-time employment rates in fields such as medicine (100 percent); pharmacy (100 percent); mining engineering (100 percent); veterinary science (100 percent); civil engineering (100 percent); rehabilitation (97.6 percent); and dentistry (95 percent).

The figures for UQ bachelor degree graduates in further full-time study represented 28.4 percent against a national figure of 20.3 percent.

Maintaining relevance

Meeting workplace needs

UQ’s School of Business joined forces with the Australian Research Institute in Education for Sustainability at Macquarie University to drive the sustainability agenda in Australian universities. The issue of sustainability is gaining significant ground in business and industry sectors internationally.

UQ’s Master of Business Administration (MBA) provides education, capacity-building and leadership in sustainability to bring about change, rather than education about sustainability which involves teaching what sustainability is and why it is important.

The UQ Business School built new partnerships and extended existing links with the corporate sector.

Networks established with the business community serve to increase their involvement with UQ and encourage them to see how they can contribute to educating future business leaders in sustainability.

UQ Business School, the Australian Graduate School of Management, the Macquarie Graduate School of Management, Sydney University of Technology’s Graduate School of Business, the Australian National University’s College of Business and Economics, Curtin Graduate School of Business, and the RMIT Graduate School of Management are involved in the project, which was funded by the Australian Government Department of the Environment and Heritage as part of the Australian Government’s contribution to the UN Decade of Education for Sustainable Development.

Satisfying student needs

By initiating, listening and responding to feedback from students about their University experiences and, specifically, about the quality of teaching, programs and courses, UQ aims to improve the quality of the learning experience for current and future students. Feedback is sourced from in-house and Australia-wide surveys, focus groups and more formal review processes.

The University of Queensland Student Experience Survey (UQSES) is conducted biennially. The survey aims to assess students’ perceptions of teaching, program and course quality; the acquisition and development of graduate attributes; the quality of teaching and learning facilities, resources and services; and the quality of general facilities, resources and services. The next survey will be conducted in 2007.
Supporting learning

Enhancing the first-year experience

The UQ orientation program for 2006 was revised to better meet the transition needs of first-year students. The first-year experience project was initiated to develop more focused, faculty-based induction and transition to University study programs for first-year students.

In 2006, we:

* successfully implemented and evaluated the faculty-based induction programs introduced in 2005;
* expanded the first-year experience project website;
* held three project-related workshops; and
* established first-year experience networks within UQ and Queensland for first-year students.

Several papers and presentations were delivered at a national First Year in Higher Education conference to disseminate project-related information, network, and establish UQ as a centre to study the first-year experience in Australia.

The workshops were held to discuss and share initiatives implemented by the University community and identify areas for improvement. The first workshop in March sought to follow the progress of faculty-based induction programs, which built on revised Orientation Week activities in 2006. Many issues were raised, including communication and planning, the breadth and variety of experiences across students and disciplines, and the need for multiple approaches and support mechanisms.

The second workshop in June provided a snapshot of initiatives at a school and support service level within the University. The workshop identified common themes regarding University culture, clear communication and expectations, and effectiveness of group work, which all form vital aspects of a positive first-year student experience.

The third workshop was held during Teaching and Learning Week and reflected on the 2006 project and faculty-based initiatives. Implementation and evaluation of faculty-based induction programs is being reviewed and further initiatives to improve the first-year student experience will be announced in early 2007.

Scholarships

In 2006, UQ was again allocated the highest number of Commonwealth Learning Scholarships (CLS) in the country, worth more than $4 million. We awarded 834 CLS in 2006 compared to 486 in 2005. That included 429 CLS for rural students who must move away from home to attend University, and 405 to help low-income students meet education costs.

An extra 38 UQ Excellence scholarships, in addition to the 30 awarded annually, were awarded to academically gifted students experiencing financial disadvantage.

More than $40,000 of scholarships, backed by community funding, supported continuing UQ Ipswich students. Other assistance included the Group of Eight (Go8) Scholarships and UQ-Link Residential Support Scholarships.

UQ scholarships, bursaries and prizes increased in 2006, with more than 2000 students receiving financial aid. Senate-approved scholarships and prizes increased from 430 in 2005 to 446 this year, worth around $460,000.

New scholarships and bursaries included:

* the Faculty of Engineering, Physical Sciences and Architecture Dean’s Excellence (16) and Dean’s Excellence and Equity Scholarships (four) valued at $5000 a year for the normal minimum duration of the student’s program;
* the Tomas Rha Bursary – $3000 awarded annually to provide assistance for students on overseas exchange studies;
* the UQ Gatton Past Students’ Association Scholarship ($5000);
* the Macarthur Coal Mining Engineering Scholarship ($10,000 a year);
* the Microsoft Pty Ltd Scholarship for Information Technology or Software Engineering valued at $5000;
* the Queensland Government and The University of Queensland Russian Language Scholarship ($7500 a year for up to three years);
* the Sir Gerard Brennan Scholarship which pays the tuition fees for two international students enrolled in the Master of Laws program;
* the Sir Harry Gibbs Scholarship, which provides up to $10,000 to an undergraduate LLB student from a financially disadvantaged background; and
* the Richard Cooper Scholarship, which provides up to $10,000 to Master of Laws students from financially disadvantaged backgrounds.
Worldwide reach

International advances
Last year, UQ was the only Queensland university included in the top 50 universities in the world in the annual top 200 ranking, produced by the UK’s *Times Higher Education Supplement*. That confirmed UQ’s reputation as the top university in Queensland and one of the top in Australia. UQ was one of only six around the country to be included in the ranking. UQ’s international standing was reflected in several achievements and partnerships in 2006, including the following:

- UQ was among the top five Australian universities of the top 100 Asia Pacific universities in Shanghai Jiao Tong University’s rankings, based on academic and research performance;
- UQ featured in the *Newsweek* rankings of the world’s top 100 universities, ranked at number 91 on its list;
- international enrolments increased from the People’s Republic of China, the USA, Malaysia, Hong Kong and Indonesia;
- Chinese students are UQ’s biggest international student group with more than 1000 Chinese students studying at UQ in 2006, mostly in commerce and engineering. UQ has about 30 agreements with Chinese institutions to foster research and academic collaboration and student and staff exchanges;
- Singapore is UQ’s second biggest international student group after China, with more than 820 Singaporean students studying at UQ in 2006. UQ has 10 agreements with Singapore institutions. The year was the 10th anniversary of the UQ Alumni Association of Singapore;
- UQ signed a neuroscience agreement with the Shanghai Institute of Neuroscience (ION) for research and student exchanges. The ION is part of the Chinese Academy of Sciences. The agreement means leading scientists and students from UQ’s Queensland Brain Institute (QBI) and China will collaborate and study at UQ’s new Advanced Imaging Centre. The $1.5 million centre, equipped by technology company Carl Zeiss, will be part of the QBI and a regional hub for high-end microscopy. QBI and Zeiss have agreed to create travelling fellowships to allow scientist and student exchanges between QBI and China;
- a collaborative project involving UQ’s School of Veterinary Science will improve the economic efficiency and overall performance of pig farmers in Vietnam. The AusAID-sponsored Collaboration for Agriculture and Rural Development (CARD) project aims to improve the genetics of local pig breeds by introducing Mong Cai breed pigs into the country’s small-production herds;
- one of China’s leading scientists was awarded an Honorary Professorship from UQ. Professor Chunli Bai, China’s leading nanoscientist and the Executive Senior Vice-President of the Chinese Academy of Sciences (CAS), accepted the professorship during a tour of UQ. The three-year appointment means UQ and the CAS will explore joint research and educational projects in nanoscience and bioengineering;
- UQ’s School of Population Health received more than $4 million to work with Vietnamese government and medical bodies and universities to strengthen vital health-data collection and plan for future health needs. UQ health experts are helping Vietnam gather more detailed birth and death data to help improve the country’s health system; and
- UQ signed a Memorandum of Understanding in Seattle, Washington, on April 6, with the University of Washington to set a framework for collaboration on high-level research and student exchanges.

Global partnerships
UQ’s Institute for Continuing and Teaching of English to Speakers of Other Languages (ICTE-UQ) Education continued its close relationship with Vietnam’s University of Danang in 2006. Phase 2a of the English for Professional Capacity Development project was completed. Funded over three years for postgraduate education, professional development and English training, the project included executive management for the construction and fit-out of the University of Danang/UQ English Language Institute (ELI) in Vietnam, which was completed in October 2006. Fourteen senior management, administration and teaching staff moved to the ELI premises to deliver training in late 2006, but typhoon damage to the building meant training was postponed until January 2007.

Other partnerships included:

- an internship with the Institute for International Banking Law and Practice (IIBLP), based in Washington DC, USA, brokered by Dr Alan Davidson, a senior lecturer at the School of Law. A law graduate will have an opportunity to visit and work at the United Nations and travel the world, an offer extended to only one other university, George Mason University, in Washington;
- in September 2006, UQ hosted the inaugural Global Events Congress in conjunction with the Event Educators’ Forum. The congress featured international keynote speakers and cutting-edge presentations from international and national event researchers and professionals. Additionally, a panel of leading tourism professors from around the world led a PhD workshop for doctoral students from UQ; and
- we welcomed 746 students (mostly from the USA and Germany) as part of our Study Abroad program; and exchange students from 90 partner institutions in 24 countries. Most were from Canada (63 students), the UK (54), the USA (44), Japan (25) and France (24). Conversely, UQ students departed for 72 partner institutions in 23 countries. Most popular were Canada (48 students), the UK (47), the USA (31), Japan (18) and France (17).

Postgraduates
UQ again led Australian institutions for numbers of research students with postgraduate enrolments totalling 9832. This represented 26 percent (target 25 percent) of the student population. Postgraduates accounted for 40.5 percent of total international enrolments. The research/coursework split for that postgraduate group was 75.2 percent coursework and 24.8 percent research. Overall (domestic and international), the postgraduate research/coursework split was 36.5 percent research and 63.5 percent coursework.
Equity and diversity

www.uq.edu.au/equity

Ensuring equity

Student equity initiatives in 2006 included:

- review of The University of Queensland Equity and Diversity Plan with revised student equity goals;
- appointing a University transition officer to support students from equity groups in their first year of study;
- continuing administration of Commonwealth and UQ equity scholarships; and
- consulting staff and students before undertaking a review of The University of Queensland Disability Action Plan.

Higher Education Equity Support Program (HEESP) funding was again provided by the Commonwealth Government. Student equity projects delivered in 2006 included:

- Scientist in Residence Program, in which UQ students teach science classes to primary and secondary school students in low socio-economic areas;
- Reaching out to Parents initiative, building relationships with parents of potential UQ students from secondary schools in West Moreton;
- UQ-Link Support Activity, providing materials and other support to extend outreach activity to potential students in regional areas;
- EPSA Outreach to disadvantaged target groups, encouraging students from low socio-economic backgrounds, rural and remote areas to undertake study in the EPSA Faculty. Information and engagement included online interactive resources, competitions, workshops, UQ science ambassadors, and sponsorship for on-campus activities;
- Outreach Program to Cultural and Linguistically Diverse (CALD) communities in the Ipswich/Inala corridor, increasing access to higher education for potential students from CALD backgrounds in the area;
- UQL CyberSchool providing access to commercial online materials for secondary school students and teachers in low socio-economic, rural and remote areas. It supports school curriculum and promotes UQ as the tertiary institution of choice;
- the Indigenous Pathways Project offering cadetships, scholarships and outreach activities to increase access and participation for Aboriginal and Torres Strait Islander students at UQ;
- FEAST bursaries, providing bursaries to assist students from low socio-economic and rural backgrounds to attend the Gatton Future Experiences in Agriculture, Science and Technology (FEAST) program, with the aim of increasing their access to tertiary study; and
- student equity research and material development research, informing and enhancing the Equity Office’s capacity to develop strategic initiatives, provide relevant policy advice within UQ, and support faculties and schools in catering for students from diverse backgrounds.

<table>
<thead>
<tr>
<th>Female enrolments by faculty – %</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
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<th>Female enrolments by program level – %</th>
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<td>Masters by coursework</td>
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<td>Diploma/associate diploma (pre AQF)</td>
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<td>PERCENT ALL LEVELS</td>
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<td>55.1</td>
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Japanese dancer Chikamai Hanayagi in the Great Court.
Student entry and performance*

* Due to changes by DEST in the methodology and timing of collecting nationwide university data, DEST-generated statistics for 2005 and 2006 were not available at the time of printing. The following trends information is sourced from internal analysis and therefore should not be benchmarked against state and national indicators.

- Access continued to decline for students from low socio-economic backgrounds and students from isolated areas. The percentage of commencing Aboriginal and Torres Strait Islander students remained steady. Access percentages increased for students with disabilities, students from rural areas and women in engineering, architecture, higher degrees by coursework and higher degrees by research;
- Participation (percentage of total students) increased for students from low socio-economic backgrounds, women in architecture, higher degrees by coursework and higher degrees by research. Decreases were found in the percentage of Aboriginal and Torres Strait Islander students, students from isolated areas and women in engineering. Participation rates essentially remained steady for students from non-English speaking backgrounds, students from rural areas and students with disabilities;
- Retention (re-enrolment) increased for students from low socio-economic backgrounds, so they remained at University at the same rate as their peers. For students from non-English speaking backgrounds, with disabilities and from isolated areas, retention increased in 2006. Retention essentially remained steady for Aboriginal and Torres Strait Islander students and for students from rural areas;
- Success rates increased for students from low socio-economic backgrounds, so they passed at the same rate as their peers. Students from non-English speaking backgrounds performed at the same rate as students from English speaking backgrounds. Students from rural areas and women in engineering and architecture passed at slightly higher rates; and
- Students with disabilities and Aboriginal and Torres Strait Islander students passed at lower rates than their peers.

Aboriginal and Torres Strait Islander students and students from low socio-economic backgrounds continue to be a strategic priority for the University as evidenced in the UQ Equity and Diversity Plan.

ATSIS botany student Gerald Turpin.

Diversity Week (May 15–19, 2006)

Key events included:

- Strategic Indigenous Awareness – A hypothetical: To understand the present we must understand the past. Staff and students attended an excellent workshop facilitated by Grant Sarra;
- Women in agriculture forum – Student Support Services (SSS) facilitated a forum to encourage more senior school girls to consider careers in agriculture and aligned fields. There were three groups of female keynote speakers with experience in management, HR, field work and advanced study in the agricultural industry. Subject teachers and nominated students from regional state high schools were invited as guests and Gatton students also attended;
- Access to Higher Education for Migrants and Refugees forum. The forum was organised on behalf of the UQ Ipswich Equity and Diversity Committee and initiated discussion around access to higher education for potential students from migrant and refugee backgrounds with international qualifications. Topics included pathways to higher education, admissions processes, and SSS. The intensive process necessary to gain recognition for prior learning, English language acquisition and proficiency, and accessing information were issues raised by participants. Migrants, refugees, UQ staff and representatives from Education Queensland, Catholic Education, the Bremer Institute of TAFE, Multicultural Affairs Queensland, Ipswich City Council and Anglicare Refugee and Migrant Services attended the forum. Useful connections were made among the groups;
- Australian/Muslim experience in the student/working world informal lunch and discussion. Staff from student centres, libraries and SSS discussed the experience of being a Muslim in Australia, studying and working at UQ and the distinction between culture and the Muslim religion. The aim was to implement more effective ways of enhancing customer service and meeting the needs of different groups; and
- UQ Library focus groups. At the St Lucia, Gatton and Ipswich campuses, 45 international students participated in four focus groups. The students were of mixed gender, age and faculty and represented 19 countries. The objective was to gain feedback on the Library’s web pages. The focus groups were targeted at international students. Valuable insights were gained on how to improve and promote the site and other University web pages to international students to enable them to access vital information. A full report will be presented to the Library Management Group, and outcomes of the recommendations forwarded to the Equity Office.
Support for students with disabilities

In 2006, 856 students consulted disability advisers in Student Support Services regarding the adjustments required for equitable access to their programs.

Access arrangements organised for students included:
- access to specialist computing facilities (for example, voice recognition software, screen-reader software);
- procedural variations during examinations (for example, rest periods, extra time, ergonomic seating);
- participation assistance related to access in UQ libraries and laboratories;
- signing interpreters and/or real-time transcription during lectures;
- the provision of print materials in alternative format (for example, Braille, electronic format, enlarged print);
- equipment (for example, lockers, mobility aids); and
- individualised student access plans.

These arrangements were provided across all UQ campuses. UQ has begun a review of its Disability Action Plan and invited comment from students.

Embracing diversity

A project to help people with significant physical, cognitive and behavioural disabilities stay physically active was a winner of a 2006 UQ Vice-Chancellor’s Equity and Diversity Award.

Dr Sean Tweedy, from the School of Human Movement Studies, won $5000 for his work with the Adapted Physical Activity Program.

The program allows students studying clinical exercise sciences to deliver a community-based, physical-activity promotion service to people with acquired brain injuries.

The money will be used to help students meet transport costs associated with travelling to meet their clients in their homes and communities.

The winner of the $10,000 Group Equity and Diversity Award was AIESEC – The University of Queensland’s International Association of Students in Economics and Management.

AIESEC is an international platform for young people to discover and develop their potential to have a positive impact in society. Established in 1948 in France, the association is represented in 94 countries and at 800 universities.

The money will be used to help students, particularly those who are significantly financially disadvantaged, attend international AIESEC conferences and provide internship opportunities around the world.

The awards were made during UQ’s fourth annual Diversity Week to recognise people who have improved diversity and equity at UQ. The aim of the week is to increase the understanding of diversity, including cultures, linguistic and religious diversity, disability, sexuality, gender, family and carer responsibilities, racism and Indigenous Australian history and culture.

Countering socio-economic setbacks

UQ-Link, a special entry program offering specialised support for students from low socio-economic backgrounds, continued to ease the transition to University life at the St Lucia, Ipswich and Gatton campuses.

Forty-three students entered via the UQ-Link pathway in 2006, with 28 receiving equity-based scholarships, including 14 for the UQ-Link Residential Support Scholarship. The new enrolments brought the number of UQ-Link students enrolled in 2006 to 326, compared with 383 in 2005.

UQ-Link students received additional support including:
- a free one-and-a-half-day residential orientation camp for 23 first-year students;
- a lottery scheme allocating rebuilt computers to 18 students;
- ongoing access to the UQ-Link and Scholarship Community Blackboard website; and
- ongoing access to Student Support Services (SSS) with the University transition officer assisting students at risk of disengaging.

Indigenous Australian students

The University’s Aboriginal and Torres Strait Islander Studies (ATSIS) Unit continued to assist Indigenous Australian students with tertiary studies, including academic matters, tutoring, subject choices, literature, computers, other study resources and personal issues likely to impact on their studies.

There were almost 200 Indigenous students and 60 percent were women, about average for the past two years.

Graduation highlights for 2006 included UQ’s first veterinary science graduate and botanist, three architecture students and three Indigenous health graduates.

More than 350 students, several from overseas, completed ATSIS-taught courses as part of our interdisciplinary Aboriginal and Torres Strait Islander Studies program.

Author, historian and activist, Jackie Huggins, received an Honorary Doctorate from the University and all ATSIS Unit academic staff members now hold PhDs.

There has been much involvement from the Brisbane Indigenous community through events such as meetings with senior University members and community events, such as UQ’s annual Sorry Dinner, NAIDOC Week and National Reconciliation Week.

The Senate Standing Committee for Equity, Diversity and the Status of Women recommended a statement of education principles be developed to expand on sentiments expressed in the University’s Statement of Reconciliation and specifically address matters related to Indigenous education at the University.

The Teaching and Learning Committee established a working party to develop a statement of education principles on Indigenous Australian matters as they relate to the development of inclusive curriculum and pedagogy and to identify relevant University policies in which the principles might be included. The Teaching and Learning Committee endorsed the discussion paper, Principles on Indigenous Australian Matters, on July 12, 2006, and forwarded it to the Research Working Party on Education Principles on Indigenous Australian Matters for consideration and comment.
Student services

Chaplaincy
www.uq.edu.au/chaplaincy

The appointment of a second Islamic chaplain expanded the team of chaplains at the UQ Multi-Faith Chaplaincy Service, where students and staff can access counselling and support on religious issues. Chaplaincy activities included:

- **Many voices – one song**, an Orientation Week multi-faith concert followed by a free BBQ; and
- a public James Morrison concert in June to benefit the Aussie International Friendship Program, which supports interaction between domestic and international students.

Health Service
www.uq.edu.au/healthservice

The Health Service provided 50,881 face-to-face consultations at the St Lucia, Gatton and Ipswich campuses in 2006. Most (40,228) consultations occurred on the St Lucia campus, increasing from 35,634 in 2005. There were 8181 consultations at Gatton and 2472 at Ipswich, compared to 7338 and 2550 respectively in 2005.

International students and their dependents represented 28 percent of all consultations on the St Lucia campus.

In 2005, an integrated medical software system was implemented for the Gatton and St Lucia Health Service branches. In 2006, the system was consolidated and preparations made for incorporating the Ipswich campus in the soon-to-be service-wide system. The process will be completed in early 2007 and allow professional health service staff to access medical records of patients presenting to any of Health Service branches.

The Healthier University Project, a joint Queensland Health, UQ and UQ SPORT initiative, continued at St Lucia, Gatton and Ipswich. The project targets important health issues, including alcohol and drug misuse, sexual health, physical activity levels, smoking and nutrition.

The program sponsored important research by social science students into the effectiveness of Queensland Health’s Young Women and Alcohol media campaign among the University student population and part-time health promotion officers organising awareness-raising and educational activities.

The Health Service was one of two finalists for the national Quality Innovation Award from Australian General Practice Accreditation Ltd, the foremost quality assurance organisation for general practice Australia-wide.

Contributions to University policy and procedures included liaising with the University’s clinical schools about immunisation policies to ensure the requirements were evidence-based and consistent across the schools.

The Health Service, together with Student Support Services (SSS) and Chaplaincy, underwent a formal review in late 2005. The subsequent feedback and recommendations confirmed the quality of the service and its relevance to the University.

Student Support Services
www.sss.uq.edu.au

Student Support Services (SSS) provided professional services in careers and employment, learning assistance, personal counselling, disability support and international student support to enhance student learning, well-being and employment outcomes.

Many web-based information resources, workshops and seminars were developed and facilitated and attendance increased 34 percent to 33,725, compared with 2005. The number of workshops offered increased 14 percent.

SSS staff provided 16,027 individual consultations for 5534 students, compared to 15,272 consultations for 5361 students in 2005.

A significant restructure of SSS will be undertaken in 2007 following recommendations of a review.

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UQ lecturer and GP at the University Health Service, Dr David King, completed the 10km 40th Oxfam Walk against Want by riding across Brisbane on his unicycle on March 12, 2006.

Student Centre, St Lucia campus.
Our teaching

The University of Queensland’s commitment to teaching and learning excellence was reflected in the success of its staff as recipients of Carrick awards, fellowships and grants during 2006.

Evaluating performance

Measuring up nationally

UQ has again been independently ranked as one of Australia’s best universities. The 2007 edition of The Good Universities Guide, released in September 2006, awarded UQ the maximum five-star rating for six key performance indicators. They included student demand, positive graduate outcomes (reflecting both graduate employment and going on to further study), staff qualifications, research grants, research intensity and toughness to get in (St Lucia campus).

The Graduate Management Association of Australia (GMAA) again awarded UQ Business School’s MBA program the highest rating of five stars. The GMAA is the nationally recognised professional association for graduates of MBA, DBA, and other postgraduate business management qualifications in Australia.

Assessing ourselves

The Teaching and Educational Development Institute (TEDI) appointed a senior staff member to lead the Evaluation Services Unit in providing for the increased demand for the evaluation of quality in teaching and learning throughout the University. More than 5500 student response sheets were processed in 2006, based on institutional course evaluations (iCEVAL) and teaching evaluations (TEVALS). From almost 3000 courses, TEDI received 153,225 student feedback responses.

The importance of evaluating teaching effectiveness is highlighted across several TEDI programs, such as workshops for sessional teachers convened on behalf of faculties and support of the tutor training program.

Additional reporting was performed on the Student Experience Survey (UQSES) information collected at the end of 2005 to provide University faculties with commentary to support their interpretation of the survey results and develop appropriate responses to this avenue of student feedback.

One of UQ’s flagship degrees, the Bachelor of Arts, was reviewed in mid-December 2005 and implementation of the review’s recommendations undertaken in 2006. Students starting in 2007 will complete two single majors or one double major with a minor in a different field. Majors have been restructured to ensure students experience a progressive development of skills and knowledge, from the first-year gateway to the final-year capstone courses.

Trish Clarke is a winner of a 2006 Excellence in Teaching Award.
Quality teaching

Carrick Institute links
The first year of The Carrick Institute for Learning and Teaching was successful for UQ across all categories:
- 10 winners of Carrick Citations for Outstanding Contributions to Student Learning;
- two Competitive Grants, with a value of up to $200,000;
- one grant in the Leadership Program of about $200,000;
- one grant in the Priorities Project Program of $200,000;
- a grant under the Discipline-based Initiatives Scheme to a team in the discipline of biotechnology; and
- Professor Ian Cameron, of UQ’s School of Engineering, was awarded a Senior Fellowship. Merrilyn Goos, of the School of Education, and Associate Professor Phil Poronnik and Professor Peter Adams, of the Schools of Physical Sciences and Biomedical Sciences, were awarded Associate Fellowships.

Adjunct staff
There were 161 adjunct academic appointments made in 2006, 110 honorary academic appointments, 33 honorary research adviser appointments and 60 honorary research consultant appointments. New appointments brought the total number of adjunct academic staff to 412, honorary academic staff to 267, research advisers to 72 and honorary research consultants to 134.

TEDI: teaching our teachers
TEDI supports UQ by providing professional development for staff, particularly teaching and research staff, by evaluating teaching quality, the Staff Development Program and other initiatives. They include:
- the USDC centrally-delivered program and workshops within faculties/schools that are informed by relevant higher education scholarships;
- teaching contexts and design issues which require teachers and students to accept the challenge of using new teaching spaces and flexible learning resources to their full benefit;
- assessment and evaluation programs that aim to increase understanding of the evaluation of teaching and learning;
- development of cultural inclusivity resources and the experience of international students; and
- a staff member dedicated to training and development in the use of Blackboard, which encourages proficient use of resource and software additions installed in 2006. Situated sessions in faculties and school environments led to significant group understanding of the usefulness of flexible teaching resources.

Major offerings centre around academic career development, curriculum, teaching and learning, assessment and evaluation, leadership, sessional teaching, and postgraduate supervision and coordination. Included in the program are workshops that focus on providing support for UQ’s Teaching and Learning Enhancement Plan and government priorities for community development.

Workshops directed at inducting academics new to UQ and becoming a UQ academic continued to be well-attended and supported by presentations from many of UQ’s senior executives.

A workshop on the Ipswich Campus, Induction for Academics New to the Ipswich Campus, has assisted with adapting teaching techniques in this unique environment. Other key elements of the staff development program included workshops on e-learning, postgraduate advising and coordination, assessment, the first-year experience and how to use new teaching spaces to their best advantage. Workshops

UQ Student/Staff Ratio (SSR)

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<th>Category</th>
<th>2004</th>
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<td>Arts</td>
<td>18.2</td>
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<tr>
<td>Biological and Chemical Sciences</td>
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<td>Health Sciences</td>
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<tr>
<td>TOTAL</td>
<td>20.1</td>
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and forums convened by TEDI staff regularly incorporate presentations by UQ academics to enable sharing of best practice, including areas such as assessment, research-based teaching, and managing large classes.

The quality of the first-year student experience at UQ has been enhanced through workshops to promote induction program planning for first-year students within each faculty, and by providing assessment advice to first-year course coordinators to promote development of activities that engage students in research. TEDI staff members’ individual and team research and support for academic work in faculties contributes to teaching and learning enhancement strategy, especially in:

- postgraduate supervision;
- student learning;
- curriculum development;
- learning communities;
- teaching and learning space;
- assessment;
- evaluation and improvement; and
- the First-Year Experience project.

Focus on teaching standards

The Teaching Quality Assurance (TQA) process is currently under review. A working party will report with recommendations early in 2007. Internal teaching awards at individual and group levels and Teaching & Learning Week forums and showcases, help to promote and reward teaching and learning excellence.

In the first funding allocation for 2006 from the Learning and Teaching Performance Fund, UQ was allocated more than $10.4 million from a total pool of $54 million. The second round of funding for 2007 of the Learning and Teaching Performance Fund was announced in December 2006. UQ was allocated an additional $8.05 million of the $83 million available, the second-highest amount of all universities nationally and five times more than the amount of all other Queensland universities combined. UQ has been allocated a total of $18.45 million over the first two rounds of the fund, the largest proportion of the total pool of funds nationally.

DEST invited comments on the process following the first round, to which UQ submitted feedback. As a result, 2007 funds were allocated based on key indicators of learning and teaching quality and overall performance across four broad disciplines:

- science, computing, engineering, architecture and agriculture;
- business, law and economics;
- humanities, arts and education; and
- health.

We were one of only two universities nationally to perform well across all four bands in the second round funding. In 2008, a total of $109 million in funding will be available.

Recognition of teaching excellence

UQ’s Faculty of Business, Economics and Law received top-tier ranking for its MBA program in an Australian Financial Review BOSS magazine survey and a five-star rating from the Graduate Management Association of Australia.

Universitas 21 Global, part of the rising international online learning industry, chose UQ Business School to design a new corporate social responsibility course for Master of Business Administration students.

UQ Business School’s human resource teaching received accreditation from the Australian Human Resources Institute (AHRI). The accredited programs were the Bachelor of Business Management (Human Resources) and Master of Business (Human Resource Management).

UQ was awarded Tourism Education and Training Provider of the Year at the 2006 Queensland Tourism Awards.

Australia Day honours

Two senior UQ members were appointed as Officers in the General Division of the Order of Australia in the 2006 Australia Day Honours List. Professor Paul Greenfield was appointed for service to science and engineering and Dr Peter Isdale, CEO of IMBcom (UQ’s commercialisation company for the Institute for Molecular Bioscience), for service to marine science.
Infrastructure

Our Library
www.library.uq.edu.au

The UQ Library holds one of the largest research collections in Australia, and by far the largest in Queensland. At the end of 2006, the Library’s collection included:

- more than 2.5 million volumes;
- 11,265 print journals;
- 46,101 electronic journals;
- 876 networked databases to guide users to journal content;
- multiple copies of textbooks, including copies in high-use collections for quick access;
- 365,633 electronic books;
- 31,763 videos;
- comprehensive quick reference collections; and
- extensive manuscript, microform and pictorial collections.

Its collections are backed by a range of information-seeking and computer skills training programs, and individual advice and help in person, by phone, on the website and through email or online chat.

In 2006, the Library welcomed new librarian and Director of Learning Services Keith Webster, saw the Rural Clinical Division libraries at Rockhampton and Toowoomba become branches in their own right, and greeted nearly three million people (7.3 percent fewer than in 2005) visiting 14 branches. The Library recorded more than 46 million (20 percent more) online requests for web pages and 13 million (a 21 percent increase) online catalogue searches.

Its collections continued to grow. In addition to regular collection-building, the Library purchased books and records relating to women’s suffrage and the Indigenous vote, and several artists’ books such as Judy Watson’s A Preponderance of Aboriginal Blood, David Frazer’s Wanderlust and A Gardener at Midnight by Peter Lyssiotis.

It acquired many electronic products, including PsychBooks, Century of Science, the Oxford University Press Journals Archive, the Royal Society of Chemistry Journals Archive, Patrologia Latina, the Encyclopedia of Islam online and the Journals Archive, Patrologia Latina, the Encyclopedia of Islam online and the Journals Archive, Patrologia Latina, the Encyclopedia of Islam online and the Journals Archive, Patrologia Latina, the Encyclopedia of Islam online and the Journals Archive, Patrologia Latina, the Encyclopedia of Islam online and the Journals Archive.

Parts of the collection went on show to the public, with displays on diverse topics, including the history of dentistry, DrinkSmart, Antarctic explorer Dr Alf Howard, Shakespeare, Diversity Week and Speculative Fiction.

UQ eSpace, the new institutional digital repository, attracted international interest for its development on the Fez platform for showcasing research output.

Training continued to be a high priority and included delivery of 327 classes (in general computing practice, University systems and the Microsoft Office suite of products) to 3174 students through the Ask IT computer help and training service. The program was so successful that the Library won a UQ and a Carrick Australian Award for outstanding contributions to student learning. Training complemented the standard HelpDesk service provided in person and via email, website and telephone.

Delivery of research-skills training was enhanced with implementation of a Blackboard version of RAPID (Researchers and Postgraduates Information Discovery), a flexibly delivered, user-centred, problem-based information skills course for postgraduates and researchers. Face-to-face and workbook versions of the course were developed and delivered to 845 participants. All training was linked to UQ’s graduate attributes and its teaching programs.

Responsibility for administering the University archives returned to Student Administrative Services.

Working parties and reference groups considered such issues as innovation, communication, printing, document-delivery, corporate documentation and storage and retention. New technology, such as the digital cleaning software, PaperPort, was used to improve services. The Library hosted several functions, including the UQL Cyberschool’s Schools, Scholars and Libraries: locate, learn and link online seminar, an EndNote Masterclass and several Friends of Fryer get-togethers.

Physical environment

The UQ Library facilities were enhanced substantially with the opening of the newly refurbished Biological Sciences Library at UQ St Lucia in December. The $13.5 million upgrade featured more space, more light and a more welcoming entrance added to the building, all located next to a new coffee shop and palm-tree-lined courtyard. New study spaces, including a purpose-built postgraduate area, modern technology plus roaming help-staff made the new branch a pleasure to visit.

Construction work has begun on the General Purpose North 4 (GPN4) building, 1800sqm of new teaching spaces for UQ’s Institute of TESOL and Continuing Education. The teaching spaces will include two lecture theatres, a collaborative teaching and learning centre and a seminar room. One lecture theatre will house the University’s Advanced Concepts Teaching Space (UQ ACTS), providing leading-edge teaching facilities. Construction is due to finish in December 2007.
IT advances

Improvements to UQ eLearning facilities included:
- TurnItIn plagiarism-detection software to educate students about appropriate citation; and
- The Learning Edge, a content-management system added to enhance the functionality of the learning management system, Blackboard.

Flexible and distance learning

UQ continues to engage students and staff in a collaborative, flexible process of learning and teaching. Since implementation of the Blackboard Learning Management System at the end of 2004, the number of online courses using a central learning management system has increased from 467 courses in second semester, 2004, to 826 courses in second semester, 2006, an increase from 17 percent of courses to 37 percent.

UQ has undertaken a range of other initiatives to support flexible and distance education:
- $5 million has been committed from the 2006 Learning and Performance Fund for the construction of an additional 1800sqm of new teaching space in the new GPN4 Building. The teaching space will include the Advanced Concepts Teaching Space (UQ ACTS);
- A Collaborative Teaching and Learning Centre (CTLC) Innovative Development Fund has been developed to encourage staff to further incorporate collaborative teaching and learning strategies into their courses and programs through the innovative use of the CTLC facilities;
- The Library launched a range of services in support of online delivery of courses that include streaming multimedia and digital off-air recording of content for use during lectures, on-demand in library branches or at home by students over the internet;
- Implementation of the Blackboard Community System, promoting online communities in teaching and learning;
- Evaluation of audio- and video-enhanced collaboration tools;
- Implementation of a text-based collaboration tool that enables group learning through wiki sites, reflective journals through a blogging tool, an area for students and staff to create personalised sites to share within a course or community, a search facility to assist with finding content across Blackboard courses and, in 2007, a tool to manage podcasting of lectures;
- Development of requirements for lecture theatre recording; and
- Promotion and use of iCampus tools, including a collaborative initiative with Massachusetts Institute of Technology (MIT), managed by UQ’s School of Information Technology and Electrical Engineering (ITEE). Funding for the project has been received from MIT to promote and enhance use of the opensource software developed by MIT.
Student achievers

Academic honours

UQ recognised 51 of our highest-achieving first-class honours graduates with University Medals. They went to students who achieved Grade Point Averages (GPAs) of 6.55 or higher from the maximum 7, and who graduated in the top one percent of the bachelor pass and honours degree students cohort in each faculty in 2006. Medallists included 18 graduates with GPAs between 6.9 and 7, 10 of whom achieved a perfect GPA of 7.

One student, Kim Hajek, Bachelor of Science (Physics) and Arts (French language and Literature), won two medals for fulfilling all the requirements in a double degree.

Trent Carmichael was the 2006 Graduate of the Year award recipient, having graduated in 2005 with a perfect GPA of 7 in his Commerce (Honours) studies, and a GPA of almost 7 in his science degree.

UQ alumnus, engineering and commerce graduate, Avin Mathew, won one of 12 Fulbright postgraduate scholarships, the Postgraduate Award in Technology and Communications.

UQ graduate Ryan Goss was announced as the 2007 Queensland Rhodes Scholar last October. Mr Goss graduated with first-class honours from his Bachelor of Arts and Bachelor of Laws degrees and was awarded two University of Queensland medals. His grandfather, Konrad Hirschfeld, also began his University studies at UQ and was the Queensland Rhodes Scholar in 1927. Mr Goss is the son of UQ graduate and former Queensland Premier, Wayne Goss.

PhD student in Nursing Emily Yorkston, a UQ triathlete, graduated with a Bachelor of Science (Biomedical) with Honours. Her interest was in preventing people from getting sick or injured, so she decided to focus her Honours project on public health and injury epidemiology. Emily has been awarded a Macquarie Bank Foundation Postdoctoral Research Fellowship which will support her role as a researcher in the School of Nursing’s Nurses E-Cohort Study. She is looking forward to further developing her research career within the Faculty of Health Sciences.
Sporting honours

We encourage our students to balance scholarship with leisure, and to make full use of our extensive cultural and sporting resources in their pursuit of excellence.

This year, student successes in sport included the following:

- six University of Queensland students were selected in the Australian team for the Commonwealth Games in Melbourne. They were Caitlin Willis (athletics), Melanie Kleeberg (athletics), Leith Brodie (swimming), Andrew Mewing (swimming), Robert Newbery (diving) and Annabel Luxford (triathlon);
- Robert Newbery (medicine) won a gold medal at the Games in the 10m men’s synchronised platform, a silver medal in the 3m springboard and bronze in the 3m synchronised springboard;
- five UQ Boat Club rowers were selected to represent Australia in the senior and junior World Championships in Europe, with Sally Kehoe finishing with silver in the women’s quad scull;
- our 90-strong team at the Australian University Games secured one gold and two silver medals;
- law student and scholarship-holder Suzie Fraser was a key member of the Australian women’s water polo team that won gold at the Water Polo World Cup in China, beating Olympic champions Italy;
- occupational therapy student Michelle Steele was named Sportswoman of the Year after representing Australia at the 2006 Winter Olympics in the skeleton event; and world champion rower, Sam Conrad (business management), won the Sportsman of the Year award for the third successive year after winning gold in the men’s 8 at the 2006 Poznan World Cup;
- Michelle Steele represented Australia at the 2006 Torino Winter Olympic Games, placing 13th;
- Sam Conrad won a $1500 Faculty of BEL Scholarship for the third successive year;
- athletics stars Kate Leitch (psychological science) and Jacinta Boyd (applied science) jointly won the fifth ET Brown Athletics Scholarship, sponsored by Emeritus Professor Ted Brown;
- Clem Jones Sporting Scholarships, each worth $5000 a year for three years, were awarded to arts student, Adam Carlton (triathlon); applied science student, Scott McLeod-Robertson (athletics); pharmacy student, Carlo Giannangelo (soccer); applied science student, Rebecca Negus (athletics); arts/law student, Catherine Drummond (athletics); business management/arts student, Laura Luxford (triathlon); and engineering student, John Walz (weightlifting);
- our 94th round of sporting blues recognised elite athletes. Full Blues went to Andrew Logan (powerlifting), James Horwill (rugby union), Michelle Steele (skeleton), Melanie Schlanger (swimming), and Anthony Martin (water polo);
- Half Blues went to Kate Leitch (athletics), Matthew Boyd (athletics), Benedict Farrell (rowing), Brett Gillespie (rugby union), Daniel Linde (rugby union), James Hanson (rugby union), Michael Hobbs (rugby union) and Peter Moore (soccer);
- the UQ Boat Club was named Club of the Year and awarded the Hulbert Bursary;
- Daina Surka (science) became the first female to win four consecutive Great Court Race titles (a circuit of the 636m Cloister), and Mitchell Kealy (human movement studies) won the men’s final for the second consecutive year. Myron Chetty won the Handicapped Sprint Race; and
- we awarded 10 full University of Queensland Sporting Scholarships* to Sam Conrad (applied science/human movement studies) for rowing; Amy Hetzel (occupational therapy) for water polo; Anthony Martin (business management) for water polo; Joshua Robinson (engineering/commerce) for athletics; Melanie Schlanger (science) for swimming; Suzie Fraser (science/law) for water polo; Annabel Luxford (master applied law) for triathlon; Jane Moran (engineering) for water polo; Bradley Smith (doctor of philosophy) for beach volleyball; and Michelle Steele (occupational therapy) for skeleton.

* Since establishment in 1990, these scholarships (a joint venture with the Alumni Association of The University of Queensland Inc and UQ SPORT) have provided financial, academic and other support for more than 300 elite sportsmen and women. In 2006, we awarded 26 development scholarships in addition to the full scholarships listed above.
Bachelor of Science honours student Bronwyn Galletly dissecting a sea squirt in the laboratory. Ms Galletly has won a Smart Women — Smart State Student Encouragement Award for her project which will help understand whether animals in the marine environment can evolve in response to environmental pollutants commonly found in coastal regions. The award was sponsored by Queensland Treasury.
Research and research training

The University of Queensland strives for international standards of excellence across the full spectrum of research and research training – from fundamental work with a focus on discovery, to applied research and innovation having direct commercial application.

Objectives
- to promote the importance and benefits of research to the wider community;
- to champion the leadership role UQ plays in research and research training activities;
- to achieve international distinction across a significant number of strategic areas of research;
- to develop major collaborations with government agencies, industry and the international community;
- to increase research funding from all state, national and international sources; and
- to enhance UQ’s role as one of Australia’s major providers of research training by providing innovative, flexible programs at honours, masters and doctoral levels.

Expanding facilities
UQ’s commitment to quality research is underpinned by a growing portfolio of world-class infrastructure.

Several new facilities established during 2006 represent a valuable addition to the University’s internationally recognised research base.

AIBN building
The Australian Institute for Bioengineering and Nanotechnology (AIBN) has become the latest of UQ’s cluster of research institutes to move into state-of-the-art research facilities. The AIBN building was opened at the St Lucia campus in October 2006.

The six-level, $70 million facility is Australia’s first purpose-built facility for research combining the biological, chemical and physical sciences. It has a strong focus on working with industry and commercialisation of outcomes.

Developed through a partnership between UQ, The Atlantic Philanthropies and the Queensland Government, the AIBN has attracted team leaders, post-doctoral researchers and students from around the world.

Launch of the new AIBN facility followed the 2003 opening of the $105 million Queensland Bioscience Precinct, housing the Institute for Molecular Bioscience (IMB), and the 2005 opening of the $60 million Sir James Foots Building as home of the Sustainable Minerals Institute.

Global interest …

the Australian Institute for Bioengineering and Nanotechnology.
Bionano-products Development Facility
A $6.5 million allocation from the Queensland Government’s Smart State Innovation Building Fund was provided to establish the $11.4 million Bionano-products Development Facility (BnDF) at the AIBN. It will strengthen the State’s capacity for the development of bioproducts by providing access to an integrated research facility with cutting-edge technology that does not currently exist in Australia.

Queensland Brain Institute
The Queensland Brain Institute (QBI) received an additional $10 million in infrastructure funding from the Commonwealth Department of Health and Ageing. The QBI, established at UQ in late 2003, is already recognised as a centre of excellence in neuroscience research. In mid-2007, the University will commission the institute’s new $62 million base at the St Lucia campus.

The new QBI building, a research facility dedicated to the study of molecular and computational neuroscience, will house more than 250 neuroscientists.

New Institute for Social Science Research
Work continued on establishing a new Institute for Social Science Research (ISSR) for a 2007 opening. The ISSR will combine several existing research centres currently comprising 75 core researchers and 100 to 150 affiliate researchers, including groups from:

- the ARC Key Centre for Human Factors and Applied Cognitive Psychology;
- the Australasian Centre on Ageing;
- the Australian Centre for Peace and Conflict Studies;
- the UQ Social Research Centre; and
- the UQ Boilerhouse Community Engagement Centre.

The ISSR will encourage collaboration among UQ social scientists and provide a strong profile to end-users in government and the private sector.

NMR spectrometer
One of the world’s most powerful magnetic instruments, the 900MHz nuclear magnetic resonance (NMR) high-resolution spectrometer, was commissioned in 2006, paving the way for research and development of a new generation of pharmaceuticals, the development of which requires a detailed understanding of large molecules.

The $10 million NMR spectrometer, housed at the IMB, was jointly funded by the Queensland Government’s Smart State Research Facilities Fund and will support a consortium of institutions, including UQ, Griffith University and QUT.

UQ Gatton
An expanded centre for equine teaching and research opened at Gatton campus, one of several developments set to transform the campus in the next decade.

The $1.5 million expansion includes holding yards, teasing lanes, a mechanical horse walker, new dressage and show-jumping arenas, and eight new crushes for reproductive, dental and performance testing.

The Queensland Government’s 2006 Budget provided $8.3 million in capital funding, in addition to an earlier commitment of $9.5 million from the Smart State Research Facilities Fund, for the $30 million Centre for Advanced Animal Science being developed at UQ Gatton.

An $85 million project is continuing to relocate UQ’s School of Veterinary Science from St Lucia to Gatton by late 2008.

Mining research
The Queensland Government announced a $6.1 million contribution towards the planned $16 million Minerals Characterisation Research Facility (MCRF) within the Sustainable Minerals Institute (SMI).

The MCRF will help develop technologies to transform Queensland’s mining industry, enabling it to get more out of current mineral reserves.

MedTeQ
UQ received a further $1.83 million in State funding to establish a $6.74 million facility for Medical Diagnostic Technologies in Queensland (MedTeQ).

MedTeQ aims to bring about significant advances in health technology by drawing together world-class researchers with clinicians at Brisbane’s major hospitals.

Its research and development program involves a combination of biomedical engineers with clinicians focused on providing better medical treatment for hospital patients, including development of new devices to assist diagnosis and management of patients in remote areas.

UQ Ipswich
After a $2.1 million overhaul, the historic Boilerhouse building at UQ’s Ipswich campus is running research projects that drive positive change in the city.

Built in 1913, the building, with a 24-metre-high chimney, is one of Ipswich’s most visible landmarks.

It is now home to the UQ Boilerhouse Community Engagement Centre where researchers are using higher education community engagement principles to develop a strong relationship with Pacific Islander communities living in the Inala–Ipswich corridor.

Refurbishment works were funded by UQ, Ipswich City Council, Bendigo Bank and Wingate Properties.

Island facilities
A new two-storey laboratory at Heron Island is the most recent project under a $7.3 million, four-year program to upgrade island-based research stations, including those in Moreton Bay and on the Low Isles, funded by the University and supported by the Federal and Queensland governments.

Tim Mulherin, Minister for Primary Industries and Fisheries, at UQ Gatton.
**Research funding**

We secured $95 million in competitive funding from allocations announced by the NHMRC and ARC in October, for projects starting in 2007.

UQ gained 86 percent of National Health and Medical Research Council (NHMRC) funding to all Queensland universities, and 74 percent of ARC funding awarded in the State.

The outcome for UQ represents three and four times as much in available funding as all other Queensland universities combined.

The University’s total reported research income in 2005 (the latest data available) was $189 million, representing a $32 million increase on the previous year.

Australian Competitive Grants Scheme funding grew to $89.02 million, up from $73.1 million in the previous year.

In 2005, UQ received $50 million in funding from industry and other private sources. This was $11 million more than funds received in 2004.

The University maintained high levels of participation in the Federal Government’s Cooperative Research Centres (CRC) program, receiving $17.99 million in 2005. Over the year, UQ was involved in 40 CRCs, 28 as the core partner and 12 as a supporting partner.

Under the Institutional Grants Scheme, universities receive performance-based block funding using a formula recognising research income (60 percent), research student load (30 percent) and the number and type of research publications produced (10 percent).

In 2006, UQ received $28.73 million, ranking third nationally with 9.7 percent of the total funding pool.

In other 2006 Commonwealth Block Grants, the University also ranked third nationally for:

* Research Training Scheme – $53.92 million or 9.6 percent of the funds available nationally; and
* Research Infrastructure Block Grant – $19.71 million (9.8 percent).

Search for pain relief … Dr Jenny Ekberg, a research fellow with UQ’s School of Biomedical Sciences, is part of a team studying a natural toxin that has the ability to precisely target chronic pain without severe side-effects. The research has shown that a conotoxin from the marine snail Conus marmoreus gives pain relief without apparent side-effects usually accompanying drugs such as morphine. With an estimated one in five Australians suffering from chronic pain at some point in their lives, the potential benefit of the research is enormous.
ARC funding

UQ topped the nation for Federal Government funding through the ARC for projects fostering research collaboration between industry and higher education.

It received almost 18 percent of total funding under the ARC’s Linkage Projects scheme, with 25 grants approved totalling $10.58 million and a further $6.50 million in cash from industry partners.

Projects funded through the Linkage Projects scheme, helping build partnerships between researchers, industry, government and community organisations within Australia and overseas, included:

- $1.09 million over three years for the School of Biomedical Sciences to design technologies for deep-sea exploration;
- $1.11 million over four years for a School of Land and Food Sciences project identifying water-efficient and nutrient-efficient turfgrasses;
- $306,270 for the IMB to provide researchers with state-of-the-art genomic data storage and analysis capability; and
- $22,000 over two years for the School of Natural and Rural Systems Management to link climatic data sets from similar regions.

UQ received almost $35 million for 91 successful ARC Discovery Project grants supporting individual researchers. That was the third-highest amount of funding in Australia, after the University of Sydney ($41 million) and the Australian National University ($35 million) and represented 13 percent of the total $274.76 million awarded.

Discovery Projects funded included:

- $349,000 over three years for a UQ Business School study of the impact of legislative and regulatory changes on superannuation;
- $1.55 million over five years for an IMB project examining the genetics and development of intersex babies (those born with physical characteristics of both sexes);
- $210,000 over three years to the School of Integrative Biology to study connectivity between human health and emerging infectious diseases in wildlife; and
- $233,553 over three years for the Centre for Critical and Cultural Studies to examine the impact of new media and technologies on how work is performed.

Other ARC funding announced in 2006 for projects involving UQ researchers included:

- $3.3 million for research involving the School of Information Technology and Electrical Engineering into how humans and other animals navigate, with the aim of developing a new generation of robots that can learn about the physical spaces they work in and create concept-mapping systems; and
- $1.8 million over five years for the Centre for Military and Veterans’ Health to combine data from two existing longitudinal studies on men’s and women’s health to assess strategies for maintaining the health and wellbeing of older Australians.

UQ garnered almost one-quarter of the 25 prestigious ARC Federation Fellowships announced in 2006. Federation Fellows are considered world leaders in their chosen fields of research and are funded under the ARC’s National Competitive Grants Program.

Each Fellow receives an indexed salary of about $250,000 a year for five years. UQ Federation Fellowship projects announced in 2006 were:

- Dr Paul Burn, who will return from the University of Oxford to continue his world-leading research into organic semi-conductors and establish a Centre for Organic Semiconductor Research at UQ;
- Professor Graeme Turner, Director of UQ’s Centre for Critical and Cultural Studies, who will investigate the role of television in an era increasingly dominated by the internet and other new media;
- Professor Andrew White, from the School of Physical Sciences, to develop optical quantum technology integrating many photons to form powerful quantum devices;
- Professor David Fairlie, of the IMB, to develop new chemical technology for creating simpler, smaller, cheaper, more stable molecules that can execute selected functions of proteins and offer new ways of influencing infection, diseases of the aged, and preventive medicine;
- Professor Hugh Possingham, Director of UQ’s Ecology Centre, to examine solutions to some of the global biodiversity problems central to Australia’s long-term environmental sustainability, including methods to make better decisions about where to invest conservation dollars to deliver environmental sustainability; and
- Professor Guifre Vidal, of the School of Physical Sciences, who will develop theoretical and computational tools for the study and engineering of quantum systems critical to underpinning basic research in condensed matter physics, quantum optics and quantum field theory, and in applied research in quantum information processing, nanotechnology and superconductors.
NHMRC funding
UQ researchers were awarded $40.2 million as part of the NHMRC funding round announced in October 2006.

UQ attracted 76 of 119 project grants funded in Queensland for health and medical research, confirming its position as the top research institution in the State and one of the nation’s leaders.

Projects funded through NHMRC grants for 2007 included:

- $294,000 for a trial by the Centre for Online Health of videotelephony to support regional and remote paediatric oncology families;
- $2 million towards the Centre of Clinical Research Excellence in Cardiovascular and Metabolic Disease within the School of Medicine;
- $1.877 million for a School of Population Health project assembling a critical mass of Australian experts in economic evaluation and priority-setting methods in health, including priority-setting for Indigenous Australians and other groups with special needs; and
- $291,750 for research by the School of Biomedical Sciences into a toxin produced by a marine snail found on the Great Barrier Reef that offers the promise of precisely targeting chronic pain without the severe side-effects often associated with current drugs such as morphine.

Other Commonwealth funds
A $6.9 million Commonwealth Environmental Research Facility grant will fund the Applied Environmental Decision Analysis (AEDA) Research Hub from 2006 to 2010. The AEDA, including national and international researchers with nodes in Brisbane, Canberra and Melbourne, is developing methods to support transparent decision-making for environmental planning and management of issues such as feral animal control, managing invasive species in the Australian Alps, fire management in urban/rural overlap areas and environmental river flows.

In 2006, it was announced that The University of Queensland’s Centre for Microscopy and Microanalysis would become a node of the Australian Microscopy and Microanalysis Facility, which is to be funded through the National Collaborative Research Infrastructure Strategy (NCRIS). This will result in additional expenditure on equipment and personnel of $4.054 million over the next five years.

UQ researchers shared in almost $6.5 million of Federal Government funding to support greater collaboration with colleagues in other universities under the $15 million Systemic Infrastructure Initiative.

AusIndustry awarded a $5 million Renewable Energy Development Initiative (REDI) grant to CSR Sugar for its SugarBooster research program with UQ to develop high-yielding cane varieties as feedstock for the environmentally and economically sustainable production of ethanol biofuel production.

Author’s donation
Noted author and historian Dr Rosamond Siemon announced she would fund a bequest and scholarship starting in 2007 for research into genetic kidney disease by UQ’s Institute for Molecular Bioscience.

Dr Siemon, best known for her book The Mayne Inheritance, will support the work of a team led by Professor Melissa Little that is researching polycystic kidney disease, an inherited condition affecting more than 60,000 Australians. Dr Siemon’s son-in-law had the disease, which made him dialysis-dependent for most of his adult life and caused his premature death.
Smart State research funding
UQ has enthusiastically embraced the Queensland Government’s Smart State initiative and has received support for a wide range of innovative projects.

The IMB received $50 million in funding announced in the State Budget, which will help support operational costs over five years to begin in 2009–10. The IMB is currently funded until 2008–09.

Professor Matt Trau, Director of UQ’s Centre for Nanotechnology and Biomaterials, is leading an international alliances project awarded $2 million in Smart State funding. The project aims to investigate and test a set of Australian-owned nanotechnologies that will accelerate advances in the early detection and diagnosis of many diseases.

Smart State funding of $1.73 million was provided for a UQ project aimed at moving new medicines into the market more quickly. The grant to the Centre for Integrated Preclinical Drug Development will help streamline development of new pharmaceuticals, addressing acknowledged blockages in the drug production pipeline.

An international project led by Professor Andrew Whittaker, of the Centre for Magnetic Resonance and the AIBN, attracted $1.2 million in Smart State funds. The International Biomaterials Research Alliance brings together teams of biomaterials synthesis experts to develop medical applications for bone repair, vascular regeneration, vision and medical imaging.

The IMB’s e-Health Research Centre received $1.9 million to establish the Queensland Facility for Advanced Bioinformatics supporting requirements of research-intensive organisations.

The IMB and Bio-Layer Pty Ltd were awarded an $800,000 grant to foster local development and international commercialisation of new biotechnology products for the detection and treatment of human diseases.

A further $1.69 million over three years was provided for the Centre for Native Floriculture at UQ Gatton to continue research into Queensland’s unique native plants and their commercial potential.

Smart State Fellowships
Professor Ian Frazer, founder and Director of UQ’s Centre for Immunology and Cancer Research (CICR) and best known for his work in helping develop a vaccine for cervical cancer, was awarded the inaugural $1.25 million Smart State Premier’s Fellowship to help continue his work. UQ announced it would match the funds, providing a total Fellowship funding package of about $2.5 million over five years.

Professor Mark Kendall, of the AIBN and the CICR, was awarded a Smart State Fellowship worth a total of $300,000 over three years to research how nanotechnology may replace syringes in administering therapeutics. His work could eventually replace needles with tiny nano patches on the skin. Queensland biotech firm Coridon has committed $240,000 in cash and kind as the industry co-sponsor and UQ will provide support of almost $2 million.

Dr Paul Meredith, from UQ’s School of Physical Sciences and head of the Soft Condensed Matter Physics Group, was awarded a Smart State Senior Fellowship worth $300,000 over three years to study new high-tech materials that can be used in power generation to lower costs, deliver environmentally friendly solar cells and other types of devices that are less toxic and easier to produce. Industry co-sponsor, XeroCoat, will provide support worth $350,000 and UQ will provide $1.9 million.

QBI Research Fellow Dr John Power was awarded a Smart State Fellowship worth a total of $150,000 over three years to continue research towards development of therapies for anxiety, addiction and Alzheimer’s disease.

Co-sponsor microscope manufacturer Carl Zeiss Australia will contribute $75,000 while UQ will contribute support valued at more than $433,500.

A $150,000 fellowship over three years was also awarded to Dr Brendan O’Sullivan from UQ’s CICR for a project aimed at finding a new treatment for Type 2 diabetes and slow the growing rates of the disease in Australia. His co-sponsor, Arthritis Queensland, will provide support of $150,000 while UQ will provide $413,600.

Smart Women awards
UQ won three of 10 Smart Women–Smart State Awards offered in 2006 by the Queensland Government. The awards, each worth $2500, showcase Queensland women working or studying in science, engineering, or information and communication technology. UQ winners were:

* Professor Melissa Little, of the IMB, who received the Research Scientist Award for her work in establishing the national Renal Regeneration Consortium that has identified six possible long-term therapies for treating renal disease;
* Naomi Diplock, who received the Postgraduate Student Award recognising her research into the use of a naturally occurring fungus as a potential biological control agent for the weed Parkinsonia; and
* Bronwyn Galletly, who received the Student Encouragement Award for a project helping to understand whether animals in the marine environment can evolve in response to environmental pollutants commonly found in coastal regions.
Improving the life of captive animals in zoos ...

UQ Gatton PhD student Julia Hoy is leading a School of Animal Studies research team which has developed a system to improve the welfare of caged animals. The system links microchips in animals to scanners and other automated equipment that zoo keepers can set to release items such as food or toys at random times. The system also has the potential to increase breeding rates and improve possibilities for the animals’ reintroduction to the wild.

Other research support

The School of Medicine, through its Discipline of Psychiatry, was awarded $450,000 by the Royal Brisbane and Women’s Hospital Research Foundation to establish a new research unit specialising in Alzheimer’s disease and related disorders.

UQ researchers performed well in attracting grants from the Australian Rotary Health Research (ARHR) Fund this year. Grants were awarded to projects led by:

- Professor Matthew Sanders, from the School of Psychology, who received two grants totalling $77,000, one for a project to evaluate a parenting program for children with autism, and another, examining the impact of the work–family interface; and
- Katherine Morley, from the IMB, who received a third ARHR grant of $26,000 to complete her PhD thesis entitled Using Genetics to Increase Smoking Cessation.

The Queensland Motor Accident Insurance Commission (MAIC) announced renewed funding of $9.25 million over five years to 2010 to support the Centre of National Research on Disability and Rehabilitation (CONROD) for projects on trauma care, economic and psychological impacts on vehicle accident victims, and rehabilitation. CONROD was established in 1997 through a partnership between UQ, the MAIC, and the Queensland Institute of Medical Research.

Through the Great Barrier Reef Research Foundation, the Centre for Marine Studies secured a contribution of $100,000 a year for three years from the Commonwealth Bank of Australia to help deliver short courses through the Tropical Marine Network linking UQ, Sydney University, James Cook University and the Australian Museum.

Significant outcomes

Research projects reporting significant outcomes in 2006 included:

- nanotechnology developed by UQ’s AIBN to control making or breaking of emulsions could have wide applications ranging from extracting more oil from oil fields to production of specialty chemicals and drugs;
- a School of Molecular and Microbial Sciences (SMMS) finding that the genome of the koala is being invaded by the koala retrovirus, a possible explanation for why the koala is susceptible to some infections and cancers;
- an IMB discovery that derivatives of Vitamin A triggered the beginning of egg and sperm production, a breakthrough finding that could lead to improved infertility treatment, cancer therapy and even pest management;
- the Mindfields intervention program, developed by the School of Education and state government agencies to help youth at risk of delinquency, being trialled with promising initial results;
- powerful new software developed through research by the QBI and IMB which will slash the time taken by bio-scientists to filter significant high-resolution images from non-significant ones;
- work by the IMB with the University of Barcelona which led to identification of the protein caveolin-1 essential in the process of liver regeneration, a discovery that could lead to better treatments for serious liver diseases, such as hepatitis;
- a three-year project by the School of Veterinary Science to track and observe migrating whales off the Sunshine Coast which confirmed whale song as an integral part of the enormous mammals’ courtship process;
- a system developed by a team from the School of Animal Studies to improve the welfare of caged animals by linking microchips in zoo animals with equipment dispensing food, toys or medicine, depending on their individual needs;
- IMB research which identified a gene that could stop tumours growing by blocking their blood supply;
- a decade-long School of Physical Sciences project cataloguing clusters of galaxies up to three billion light years away, information that will provide a greater understanding of how the Universe evolved; and
- a new computer model developed by scientists from the Earth Systems Science Computational Centre which may allow predictions of when volcanoes are going to erupt.
Dr Ming-xing Zhang, from the School of Engineering, hopes his research will remove hurdles to the replacement of steel parts with lighter metals in next-generation, fuel-efficient cars, trucks, aircraft and spacecraft. His UQ Foundation Excellence Award will assist his work into overcoming problems of softness and poor corrosion resistance in existing lighter alloys.

Cleaner coal … Dr Joe da Costa’s research group in the School of Engineering has developed unique hollow-fibre technology that can separate oxygen from air, making the process of capturing carbon dioxide in coal-fired power stations easier. Dr da Costa’s work was recognised with an $80,000 UQ Foundation Research Excellence Award.

The ARC Centre for Functional Nanomaterials and a German industrial research institute are working on new technology that uses microscopic sieves to capture carbon dioxide before it escapes into the atmosphere from coal-fired power stations and refineries, and produce hydrogen. The project aims to build and test the technology at an estimated cost of $4.2 million, of which the Queensland Government has contributed $1.05 million.

A team from the School of Tourism is helping determine spending by visitors to parks in Queensland through research being undertaken in collaboration with Tourism Queensland, Queensland Parks and Wildlife and the Sustainable Tourism Cooperative Research Centre.

The School of Tourism is also developing a series of themes for the interpretation, marketing and development of cultural heritage tourism products and services through research being completed in collaboration with the University of Tasmania.

Powerful partnerships

School of Law researchers established several national and international collaborations with industry, government and private enterprise. Examples included:

* the International Centre for Economic Research, Turin, Italy, for research in political economy;  
* the New Zealand Business Roundtable and the Law and Economics Association of New Zealand for environmental law projects;  
* Ratio Institute of Stockholm, Sweden, for research in political economy; and  
* the Australian Institute of Criminology.

The Centre for Marine Studies in the Faculty of Biological and Chemical Sciences established a joint project with the National Oceanic and Atmospheric Administration (NOAA) to develop tools for managing ecosystem responses to climate change on the southern Great Barrier Reef.

The project will be funded for six years from 2006 to 2011 through the ARC Linkage Projects scheme and by NOAA with cash contributions also coming from the Great Barrier Reef Marine Park Authority.

Collaborating institutions include the University of Miami, the Australian Institute of Marine Science and James Cook University.

Researchers from UQ’s Social Research Centre, within the Faculty of Social and Behavioural Sciences, strengthened ties with the Australian Federal Police (AFP) through the extension of a research agreement. The $600,000 three-year agreement, with the option of an extension for a further two years, is aimed at developing reporting and monitoring systems to enhance the AFP’s performance to ensure it remains transparent and accountable to the community and government alike.

Researchers from the Division of Materials Engineering entered into a three-year research alliance with Japanese metal company, Nihon Superior, to reduce the toxic pollution of landfill sites resulting from lead in the circuits of dumped electronic equipment. The aim of their research is to continue developing a revolutionary alloy that provides an environmentally friendly alternative to the lead solder currently used in circuitry.

CORPORATE GOVERNANCE  
REVIEW OF ACTIVITIES  
RESEARCH AND RESEARCH TRAINING
Recognising excellence

During 2006, many UQ researchers received national or international recognition and support for their work.

Queensland–Smithsonian Fellowship
Dr Emma Collier-Baker, of the School of Psychology, was awarded a Queensland–Smithsonian Fellowship worth $30,000 enabling her to spend six months studying the cognitive abilities of orangutans, gorillas and gibbons at the Smithsonian National Zoo in Washington DC.

The Fellowships, awarded to three Queenslanders a year, foster the interchange of knowledge and skills between Queensland and the Smithsonian Institution, based in Washington DC.

Fulbright Scholarships
UQ Associate Professors Cathy Turner and David Whiteman won two of the three Fulbright Senior Scholar Awards presented nationally in 2006, each worth $15,000.

Dr Turner, Coordinator of Research and Higher Degrees in the UQ School of Nursing, planned to study at Harvard University in Boston to widen her knowledge of conducting longitudinal health studies.

Dr Whiteman, a UQ graduate and Adjunct Associate Professor with the School of Population Health, is also a Senior Research Fellow with the Cancer and Population Studies Group at the Queensland Institute of Medical Research.

He studies causes and controls of human cancers, particularly cancer of the oesophagus and melanomas, the most deadly form of skin cancer.

Dr Whiteman used the scholarship to go to Seattle to collaborate with global cancer experts at the Fred Hutchinson Cancer Research Centre, working to better understand the causes of cancer of the oesophagus.

Launching pad loan
The Japanese Aerospace Exploration Agency donated use of its advanced rocket launcher at Woomera, in South Australia, for UQ-led experiments developing scramjet technology as part of the international HyShot project.

During 2006, engineering researchers conducted a $2 million HyShot III test flight and a $1.3 million HyShot IV test flight. Both flights achieved clean lift-offs and preliminary data indicated HyShot III achieved combustion.

Scramjets are supersonic combustion ramjets and are being touted as the next generation of travel, capable of launching communications satellites more cheaply or travelling across the planet in mere hours.

In 2006, an $8.5 million partnership in scramjet development between UQ, the Queensland Government and the Boeing Company was announced. UQ is an international leader in scramjet research, achieving combustion in these engines in flight for the first time in the world.
Other achievers

Several UQ research staff won national or international recognition in 2006, including:

* Professor John Mattick, of the Institute for Molecular Bioscience – the $10,000 CSIRO Eureka Prize for Leadership in Science;
* Professor Wendy Hoy, of the Centre for Chronic Disease – the American Society of Nephrology’s Barry Brenner Endowed Lectureship Award recognising individuals who have made outstanding contributions as innovative, creative and productive investigators;
* Professor Paul Hodges, of the School of Health and Rehabilitation Sciences – the Issls Prize for Lumbar Spine Research by the International Society for the Study of the Lumbar Spine;
* Dr Greig de Zubicaray, senior research fellow with the Centre for Magnetic Resonance (CMR) – one of three Early Career Research Awards given by the Australian Psychological Society;
* the School of Law’s Dr Alan Davidson – the first Australian inducted as a Fellow of the Institute of International Banking Law and Practice;
* Professor John Irwin, of the School of Integrative Biology – the Farrer Memorial Medal for his sustained contributions to the plant-breeding sector in Australia;
* economist Dr Rodney Beard – an award from the Australian Agricultural and Resources Economics Society for his research on the efficiency of pastoral production systems in developing countries;
* Professor Paul Greenfield, of the Faculty of Engineering, Physical Sciences and Architecture – Officer of the Order of Australia (AO) in the Australia Day honours list for service to science and engineering, particularly through research in chemical engineering, biotechnology, wastewater, and environmental management; and
* Professor Klaus Bremhorst, of the Faculty of Engineering, Physical Sciences and Architecture – Member of the Order of Australia (AM) for service to mechanical engineering in the areas of education and research, and to professional organisations.

Several UQ research students won major awards:

* Christian Weedbrook, a student in UQ’s Quantum Optics and Quantum Information Group, was part of a team that shared the $10,000 University of NSW Eureka Prize for Scientific Research for creating a new way of encrypting information using quantum physics;
* Michael Milford, PhD student in the School of Information Technology and Electrical Engineering studying robotics – winner of the Science and Technology category of the Queensland Young Achiever awards; and
* UQ Business School PhD graduate Dr Margee Hume – her thesis on the arts industry won out of 160 management research entries in the Outstanding Doctoral Research Awards sponsored by Belgium-based European Foundation for Management Development and Emerald Group Publishing.
Commercialising IP

The key to developing a knowledge economy lies in the success of higher education institutions in exploiting and enhancing the commercial value of their intellectual property and successfully commercialising the outcomes of their research.

In a Federal Government national survey of commercialisation by Australian universities and publicly funded institutions released in 2006, UQ displayed an outstanding record in several critical areas including the number of patents issued, licence income, start-up companies formed and the value of equity holdings.

The University has a well-established and successful commercialisation strategy. In 1995, it created a holding company, UQ Holdings Pty Ltd (UQH), and determined that all future University companies would operate as a subsidiary of that company. UQH has four major responsibilities:

- to hold shares, on behalf of the University, in other companies;
- to appoint directors of other University companies;
- to monitor the performance of University companies; and
- to report to Senate and alert it to any material issues concerning the operations of University companies.

The holding company has five subsidiaries:

- UniQuest Pty Ltd – the University’s main commercialisation company, is one of Australia’s most highly regarded university technology transfer groups. Since 1983, UniQuest has developed, commercialised and managed an extensive intellectual property and asset portfolio, including more than 1000 patents and 50 companies created using UQ intellectual property.
- UniQuest also assembles multi-disciplinary consulting teams for major development projects and provides a wide range of consulting, testing, expert opinion and advisory services.

In 2006, UniQuest generated revenues of $41.2 million and profits of $1.26 million. Significantly, this included $27.3 million in payments and provisions for payment to UQ – its largest contribution to date.

UniQuest’s output during the year included the establishment of five new start-up companies, 20 licences, 30 new patent filings and 170 new disclosures.

In total, UniQuest spin-off companies raised an extra $20.8 million in investments and grants in 2006 with the following five start-ups raising $6 million collectively:

- Rapisure Pty Ltd – formed to commercialise a rapid, point-of-care diagnostic test for meningococcal disease;
- Polyfactants Pty Ltd – providing “smart”, practical and effective methods for products and processes in the chemical, pharmaceutical and industrial market;
- Impezzo Pty Ltd – offering a novel approach to web image classification and searching that uses the characteristics of an image to search for similar images without the use of metadata;
- Polyvacc Pty Ltd – commercialising a multivalent VLP-based vaccine designed to induce protective immunity against respiratory syncytial virus which is the leading cause of viral death and respiratory tract infection in young children; and
- Ausonex Pty Ltd – commercialising a device that screens for hearing impairment in newborn babies, improving accuracy, limiting tests to one stage and reducing existing testing time.

Leximancer Pty Ltd, a company developing a software tool that enables users to find meaning from text-based documents, expanded its software sales business and secured its first venture-capital round.

Pepfactants Pty Ltd won UQ’s $100,000 Enterprise business plan competition and was recognised as the best Queensland-based commercialisation opportunity at the 2006 Australian Commercialisation Expo. It also secured a Federal Government Commercialisation of Emerging Technology (COMET) grant.

Magnetica Ltd, a bio-medical and scientific instrument designer and manufacturer formed by UniQuest in 2001, received a Smart State grant worth around $600,000.

XeroCoat Pty Ltd, developer of anti-fogging and anti-reflective coating technology, was awarded a commercial grant worth more than $700,000.

Promics Pty Ltd, a research company formed by UniQuest and another of UQ’s commercialisation arms, IMBcom, was acquired by ASX-listed biotechnology firm, Peptech Ltd, in a deal reportedly worth $12 million.

Spinifex Pharmaceuticals Pty Ltd received a $1.67 million Commercial Ready Grant from the Federal Government. The funds were earmarked for similar images without the use of metadata;

*Rank among Australian universities and other publicly funded research institutions is shown for 2002. Comparative data are not yet available for more recent years.
In 2006, the company conducted international aid projects in 10 countries generating revenue of $8.6 million, making UniQuest the largest university-owned Australian international aid contractor.

Highlights of 2006 included:
- a $2.3 million, three-year contract for a World Bank-funded education curriculum reform project in Tonga;
- a fourth major contract with NZAID valued at $1 million for the Vanuatu Education Information Management System; and
- a $3.8 million NZAID institutional strengthening project with the PNG Fresh Produce Development Agency. During the year, UniQuest assisted UQ’s School of Law to win a $25,000 grant under AusAID’s Public Sector Linkages Program for the Nepal Judicial Academy.

Eleven awards were presented to UQ staff and students who entered UniQuest’s annual Trailblazer competition for innovative ideas or early stage research with commercial potential. The awards, now in their fourth year and sponsored by Davis Collison Cave Patent Attorneys and Fisher Adams Kelly Patent Attorneys, provide a total prize pool of $40,000.

Winning ideas for 2006 in the open category included:
- a fungus-based biological control submitted by Naomi Diplock, of the Faculty of Natural Resources, Agriculture and Veterinary Science, for eradication of the noxious Parkinsonia weed;
- a treatment developed by Dr Frederic Meunier, of the Faculty of Biological and Chemical Sciences (BACS), for degenerative motoneuronal diseases based on modifying the anti-wrinkle treatment, botox;
- a neonatal screening device by Dr Andrew Bradley, of the Faculty of Engineering, Physical Sciences and Architecture, that reduces the time taken to test the hearing of babies and makes testing more accessible in remote areas of Australia and in developing nations;
- a guide developed by Dr Elizabeth Mackinlay and Dr Felicity Baker, of the Arts Faculty, teaching first-time mothers to sing to their babies, and encourage better sleep patterns and healthy mother–infant bonding; and
- a social IQ test consisting of a battery of tests measuring social skills, social judgement and self-awareness in people with traumatic brain injury.
Honours for vaccine pioneers

In August, UQ researcher Professor Ian Frazer administered the first shots of the prescription-only cervical cancer vaccine Gardasil™.

Professor Frazer and his late research partner, Dr Jian Zhou, pioneered the vaccine, which prevents four of the dozens of strains of the human papillomavirus (HPV) which cause genital warts and cervical cancer.

Pharmaceutical company Merck is marketing the vaccine that was originally patented by UniQuest Pty Ltd and subsequently licensed to CSL for further development.

Professor Frazer, founder and Director of UQ’s Centre for Immunology and Cancer Research (CICR), was named 2006 Australian of the Year as co-discoverer of the vaccine. After being named by the National Australia Day Council, Professor Frazer paid tribute to Dr Zhou who died in 1999.

Professor Frazer was named Australian of the Year by The Australian newspaper and was Suncorp Queenslander of the Year.

Professor Frazer’s work was recognised by one of America’s premier cancer research groups. He was named joint winner of the Cancer Research Institute’s 2006 William B Coley Award for Distinguished Research in Tumour Immunology, sharing the award with German scientist, Harald zur Hausen, who first linked human papilloma to cervical cancer in the 1970s.

The Queensland Government announced a new Senior Smart State Fellowship would be named in honour of Dr Zhou. The three-year, $450,000 Jian Zhou Fellowship will be offered to a Queenslander to advance research and development in immunology and cancer research.

The government will contribute $100,000 a year for three years, matched by a $50,000-a-year commitment from CSL.

Uniseed
www.uniseed.com.au

Uniseed is an early stage, venture-capital investment fund commercialising intellectual property at the Universities of Queensland, Melbourne and New South Wales.

It was established in 2000 by UQ Holdings Pty Ltd and Melbourne Ventures (formerly Melbourne University Private), and has since grown to include a third university, the University of New South Wales, and Western Australia’s largest superannuation fund, Westscheme.

Uniseed has committed $15.7 million to 27 companies, with $12.9 million paid to date. It now manages more than $60 million in capital for investment in early-stage technology ventures across the three universities.

Since inception, Uniseed has secured more than $88 million of external capital via leveraging, representing an additional $5.63 investment for every $1 the fund has committed. Much of that total investment will flow back to the universities through targeted research contracts.

Uniseed has eight active investments originating from UQ research projects. Four are biotechnology companies developing human therapeutics:

- Adipogen Pty Ltd – therapeutics for the treatment of obesity;
- QRxPharma Pty Ltd – pain management and cardiovascular health products;
- Neurotide Pty Ltd – an oral pharmaceutical for pain based on the body’s own natural pain-killer, endomorphin; and
- Spinifex Pharmaceuticals Pty Ltd – pain-management drugs.

The remaining four are developing other technologies:

- Fultec Semiconductor Inc – surge-protection technology;
- Hydrexia Pty Ltd – the inexpensive and safe storage of hydrogen through its exclusive licence to a magnesium alloy developed at UQ that stores hydrogen in solid form making it a potentially viable energy source;
- ActiveTorque Pty Ltd – software to tune and optimise the performance of combustion engines as they operate to deliver maximum efficiency while reducing fuel consumption and emissions; and
- XeroCoat Pty Ltd – anti-fogging and anti-reflective coating technology for applications such as spectacles, swim and skiing goggles, car windscreens, display windows, glasshouses, bathroom mirrors, and solar cells.

In 2006, Uniseed welcomed Dr Peter Devine as its new chief executive officer, replacing Gareth Dando, who held the post for the previous five years.

Dr Devine joined Uniseed in 2003 as investment director and previously held business development and commercialisation positions with UniQuest and biotechnology companies, Progen Industries Ltd and PanBio Pty Ltd.
In 2007, UQ has several major research infrastructure projects that will be completed or in progress in 2007, including:

- opening a new $62 million headquarters for the Queensland Brain Institute (QBI) at the St Lucia campus, cementing the institute’s reputation as a centre of excellence in neuroscience research;
- starting construction of a new $33 million Centre for Advanced Animal Science at UQ Gatton. Jointly funded by the Queensland Department of Primary Industries & Fisheries and UQ, the centre will bolster the future profitability and security of animal industries; and
- progressing work on the planned $66 million Centre for Clinical Research, funded by The Atlantic Philanthropies, the Queensland Government and UQ. The new centre, the Royal Brisbane and Women’s Hospital will house around 320 researchers.

IMBcom Pty Ltd

**www.imb.com.au**

In the investigation of human and animal biology, UQ’s Institute for Molecular Bioscience (IMB) generates a wealth of ideas, many of which lend themselves to innovation and commercialisation. This process can lead to new medical treatments, highly valuable health diagnostic products and novel biomedical and other technologies.

IMBcom is the University’s value-adding innovation company for these ideas. The company protects the discoveries of the IMB researchers, builds alliances with organisations to promote them, and draws up partnerships with investors who help to grow them into platforms for new enterprises.

Over the six years since its incorporation, IMBcom has helped create 11 start-up companies that have received a total of $57.8 million in private and public investment capital.

IMBcom provides a range of commercialisation services to the IMB, including intellectual property management and development, sourcing and negotiation of commercial contracts and grants, start-up company generation, and commercialisation education programs.

A comprehensive audit of the patent portfolio was undertaken during 2006 to rationalise and prioritise the valuable intellectual property available for commercialisation. IMBcom continues to provide patent support and management for several of its spin-off companies, including ElaCor Pty Ltd, Nephrogenix Pty Ltd, Kalthera Pty Ltd and Cyclagen Pty Ltd.

In 2006, IMBcom negotiated significant research and development contracts with national and international partners, including Orico (New Zealand), Amgen (US), Gloucester (US) and Pfizer (US and Australia). The total revenue from collaborative R&D contracts in 2006 was more than $3 million.

IMBcom assisted with the development and submission of more than $3 million of successful industry-related grants with a total value to the institute of more than $6 million.

Despite a difficult investment environment in 2006, two of IMBcom’s spin-off companies raised significant development capital. Mimetica sourced next-round funding of $1 million and Protagonist obtained Series A investment of $11.6 million.

The IMB/IMBcom Proof of Concept Fund continued to provide funding for IP development of early-stage projects along commercial pathways and in 2006, approved investment of more than $400,000 for seven development projects.

Consistent with the company’s attention to its client, the IMB, a relationship manager system was implemented in 2006 with IMB group leaders and their lab staff – a very successful co-development program. The system has resulted in 29 new discoveries, with two provisional patents being filed in 2006.

The commercialisation education program run by IMBcom within the institute continues to build on the success of previous years. Twenty-seven final-year PhD students undertook three days of intensive training in commercialisation at the annual Biobusiness Retreat and, in a further innovation, 65 IMB research and administrative staff from all levels participated in a similar education program known as the BioBusiness Day Out.

The IMBcom’s chief executive officer Dr Peter Isdale was appointed a Member in the General Division of the Order of Australia (AM) in the Australia Day honours list for service to marine science through research and contributions to the development and commercialisation of biotechnology.

IMB original awarded

A founder of the IMB was recognised for his achievements with the $10,000 CSIRO Eureka Prize for Leadership in Science. Professor John Mattick was a driving force behind the establishment of the IMB and the Australian Genome Research Facility. The Eureka Prize committee said his initiatives benefitted Queensland and their flow-on effects had helped key opinion leaders realise the importance of investing in biotechnology for Australia’s future.

Professor Mattick was IMB Director for its first six years until stepping down at the end of 2005. Former IMB Deputy Director, cancer and cystic fibrosis researcher Professor Brandon Wainwright began as IMB’s acting Director in January 2006.
Research training

The number of PhD students enrolled at UQ in 2006 rose to 3096 from 3036 in 2005.

International students accounted for 585 PhD enrolments this year compared with 538 last year. A total of 396 PhDs were awarded compared with 426 in 2005.

This year, UQ enrolled 9832 postgraduate students, again exceeding the target of 25 percent of the total student body.

The number of masters-by-research students was 492, including 80 international students, compared with 547 for 2005 including 80 international students.

UQ postgraduates secured:
- 147 Australian Postgraduate Awards;
- 30 International Postgraduate Research Scholarships; and
- 21 Australian Postgraduate Awards (Industry) Scholarships.

In 2006, UQ conferred 2988 postgraduate degrees (3077 in 2005), including 396 doctorates by research (426 in 2005) and 115 masters by research (118 in 2005).

UQ Graduate School

www.uq.edu.au/grad-school

The UQ Graduate School has a key role to play in promoting graduate study, fostering intellectual and professional academic growth, and developing initiatives to enhance the graduate student experience.

It has coordinated skills development programs for graduate research students and their advisers, and focused on initiatives to enhance the quality of our research training programs, such as travel, exchanges, internships and industry collaboration.

UQ is a destination of choice for international doctoral students, having the largest number of international PhD candidates of any university in Australia. The proportion of international students in our research student population has grown from about 15 percent to 20 percent in the past five years.

In that same five-year period, around 500 graduate students have been funded by the UQ Graduate School to conduct cutting-edge research in overseas laboratories or libraries. There are international students in every school and institute at UQ and our research students begin their careers with a ready-made international research network.

UQ graduate students continue to present papers in large numbers at international conferences and frequently win prizes for the best presentations.

The Graduate School awarded 78 research travel grants in 2006. The grants enable students to access research facilities elsewhere in Australia and overseas, improve the quality of the research, and speed up the process of the thesis.

Supporting graduates

In 2006, UQ continued to ensure quality outcomes for its graduate students by providing:
- 30 Postgraduate Research Scholarships;
- 65 Graduate School Confirmation Scholarships valued at $19,231 per student per year;
- 35 Joint Research Scholarships;
- 42 International Living Allowance Scholarships; and
- 23 Mid-Year Scholarships.

The University also provided funding assistance for 12 postgraduate research student conferences.

Equity and diversity

www.uq.edu.au/equity/

In 2006, two UQ Return to Research Scholarships were awarded to women re-entering an academic or research career, while UQ Postdoctoral Fellowships were given to three women with a PhD or equivalent.

Two women were among six recipients of Research Degree Completion Equity Fellowships for 2007 to assist academic, professional and general staff in the later stages of a PhD, professional doctorate or a research masters program to complete their degrees.

Seven Promoting Women Fellowships, designed to increase the number of women in senior research positions, were awarded in 2006 for commencement in 2007.
Client Robin Shaw, audiology clinic manager Brianna McGuinness, and head of the School of Health and Rehabilitation Sciences, Professor Bruce Murdoch, at the opening of the Audiology Clinic in the Therapies Building.
Community partnerships

We shared our intellectual and leisure resources while expanding mutually beneficial partnerships to enrich the wider communities of which we are a part.

Community links

Encouraging debate
Free public lectures and seminars offered opportunities for discussion and debate on myriad topics throughout 2006, including:

- Ben McDevitt, head of CrimTrac, presented the annual World Peace and Understanding lecture in May. He spoke of his experiences as part of Operation Helpem Fren, the 2003 Regional Assistance Mission to the Solomon Islands;
- BrisScience delivered a series of monthly public lectures on a variety of science topics;
- one of Britain’s most senior judges, the Rt Hon Lord Peter Millett, delivered three public lectures in March, entitled Theft of Identity, Villainy in Venice and Circular Money Movements; and
- the Australian Centre for Peace and Conflict Studies at UQ organised free public seminars on Middle East peace and atomic veterans’ issues. Professor Ibrahim Aoudé, Professor of Ethnic Studies at the University of Hawaii, discussed Palestine and Iraq, the prospects for peace. Professor Kurt Schock, Associate Professor of Sociology at Rutgers University, New York, led a discussion forum. It followed a free film showing of Land first: a struggle for livelihood – a story on Ekta Parishad, about a month-long foot march protest in the Indian state of Orissa in 2004. Dr Lincoln Grahlf, who served in the US Navy from 1942 to 1948, presented Ask my wife if I glow in the dark: one veteran’s case against nuclear weapons.
Brisbane Institute
www.brisinst.org.au
The University continued as primary sponsor of the Brisbane Institute and hosted most institute events at Customs House. The institute fosters non-partisan discussion of issues concerning business, government and the wider community, including environmental sustainability.

In 2006, speakers included Ron Radford, on new directions for the National Gallery of Australia, Barry Jones on his autobiography, and Premier Peter Beattie on Australia in 2020.

The institute’s exhibition, Defending the North: Queensland in the Pacific War, travelled to the Perc Tucker Gallery in Townsville and the Tweed River Regional Gallery. The exhibition was held jointly with the University Art Museum.

Bridging the gap
Late in 2006, The University of Queensland welcomed the opening of Australia’s first pedestrian, cycle and bus bridge, linking the St Lucia campus and Dutton Park.

Pedestrians and cyclists crossed the bridge for the first time at the bridge’s official opening on December 17.

Dubbed the Green Bridge during construction, it was officially named the Eleanor Schonell Bridge to honour the late Dr Eleanor Schonell, who made an internationally recognised contribution to testing for dyslexia.

Dr Schonell and her husband, former UQ Vice-Chancellor, the late Sir Fred Schonell, developed standardised ways to test children’s academic attainment. The tests have become the benchmark for measuring children’s literacy abilities and are still used today.

The Eleanor Schonell Bridge has opened a new, much-needed corridor to UQ and surrounding areas for people living on the south side of the Brisbane River.

It is expected to reduce traffic by up to 4000 vehicle trips a day on Coronation Drive and Sir Fred Schonell Drive, St Lucia.

Communications

Communicating core activities
Initiatives to attract talented students included open days, visits by recruitment officers to Queensland and interstate schools, an interstate guidance officers’ conference and a postgraduate expo.

UQ hosted an annual Careers Fair and a new International Careers Fair and UQ’s strengths were communicated at several external events, including: TSXPO; Riversymposium; the Ekka; and BIO 2006.

UQ researchers helped to improve communication and relationships between the city and the bush through a project to understand more about the perceptions and reality of rural issues. The UQ Gatton team received a $40,000 grant from the Federal Government, with support from AgForce Queensland, to help counter perceptions that the urban majority held negative, even hostile, views of farmers and their land, water and animal welfare performance.

The UQ Physics Demo Troupe undertook an outback tour to promote science to children in remote areas of Queensland. Most performers were undergraduate and postgraduate student volunteers who used entertainment to communicate that science could be fun. A seed grant from the Australian Institute of Physics, additional funding from the Australian Academy of Technological Sciences and Engineering, and equipment and administration support from UQ allowed the Demo Troupe to visit schools in remote areas including Mt Isa, Richmond, Cloncurry and the Torres Strait Islands.

Informing our public
Our Office of Marketing and Communications heightened community awareness of UQ via:

- coordination and promotion of campus open days;
- University websites;
- more than 400 publications, including undergraduate and postgraduate prospectuses, the Research Report, UQ Activities for Schools, Undergraduate Scholarships at UQ and the 2005 Annual Report (winner of a gold Australasian Reporting award);
- strategic advertising to promote the excellence of UQ’s teaching, research and infrastructure;
- distribution of 563 media releases and maintenance of www.uq.edu.au/news;
- a printed and online UQ Experts Directory, primarily for journalists seeking informed comment;
- expansion of student recruitment activities, including increased attention on prospective interstate undergraduates and postgraduates;
- collaborative coordination of graduation ceremonies at St Lucia, Gatton and Ipswich, and graduation celebrations in China and Singapore;
- Research Week, Teaching and Learning Week, and Diversity Week;
- coordination of UQ’s liaison with visiting heads of state and other dignitaries;
- introduction and development of podcasts, wireless editions and RSS (Really Simple Syndication) headline news feeds;
- news magazines: UQ News (11 issues a year, 15,000 copies per edition) and Graduate Contact (bi-annual, 125,000 copies for alumni worldwide);
- a comprehensive image library;
- monthly What’s on at UQ notices in Brisbane’s city and suburban newspapers; and
- UQ Update, a weekly e-newsletter for staff (www.uq.edu.au/update).
Students in the School of Journalism and Communication engaged in several public communication activities.

Students in the Ipswich-based Public Relations Practice and Strategy course mounted a photo exhibition at the Customs House Gallery to highlight the work of a New Zealand photographer who had graphically documented the issue of global warming in Tuvalu.

The exhibition was one of the service learning projects undertaken by the class. Students go out into the community to develop their communication skills and civic understanding. Other projects have included the 30th Anniversary of Lifeline Ipswich, Turtle Watching at Deepwater National Park, Safer Sex Week, and the Ipswich Campus International Food Festival.

Students helped organisers of the Australian Scholar-Athlete Games, held at UQ in January 2006, by establishing a daily news service for the 250 delegates. News was published in print and online in time for breakfast each day of the games.

Since 2005, the school’s innovative Newspace course and website have combined the talents of Australian students with students from around the world. They produce multilingual, multimedia news and feature reports in English, Swedish, Norwegian, French, Chinese, Japanese, Spanish and Danish to demonstrate that UQ produces journalism graduates able to work well in just about any environment, culture or language.

Open days
The Moreton Bay Research Station’s Open Day in November was attended by more than 2000 people, including more than 70 volunteers from UQ helping to run the event.

Visitors included Stradbroke Island locals and people from the greater Brisbane area.

Fresh and salt water turtles were the theme for UQ Turtle Fest, celebrating the 2006 Year of the Turtle. Highlights included turtle specimens from the Queensland Museum, a live reptile show from Cool Companions and an underwater link to a diver in the turtle tank at Reef HQ in Townsville.

Corporate sponsors helped make the event a success. Consolidated Rutile Ltd donated more than $7000 of sponsorship, including advertising, prizes and the Cool Companions and CSIRO Helix Club science shows.

Sign writer Positive Signs donated “I Love Turtles” stickers and Independent Marine Biochemistry Research donated prizes. Vet from Underwater World and Australia Zoo donated their time to present their rehabilitation work with injured sea turtles.

In August, open days at UQ’s St Lucia, Gatton and Ipswich campuses gave potential students the chance to examine staff, facilities and programs on offer.

UQ’s expert advisers were on hand at the RNA showgrounds in July for the 2006 Tertiary Studies Expo to help prospective students identify degree programs best matching their talents and aspirations.

School-to-university transitions
UQ provided a range of services in 2006, including online programs, to help connect primary and secondary school students with tertiary education, including:

- NRAVS hosted more than 90 high school students from Cairns, Emerald and Mungindi. The students descended on UQ Gatton for a week of career-based fun. Future Experiences in Agriculture, Science and Technology (FEAST) is an annual residential school which provides high-achieving year 11 and 12 students with a taste of University life and the huge range of careers in the agriculture, animal, food and environment sectors. Students visited St Lucia campus as part of their experience;
- UQL Cyberschool presented a seminar in August on locating, linking and learning online and assisting students in the transition from school to university;
- the Bright Minds program continued the UQ Science Ambassadors’ Network and Frontiers in Science lecture series;
- the Bright Minds Kids’ Club Bulletin Board was available online for young students to talk to each other about issues they had with learning science; and
- more than 400 students competed in the RoboCup Junior Queensland competition in five categories – soccer, rescue, premier rescue, primary dance and open dance.

Operational priorities
- play a leading role in stimulating intellectual debate in the community on cultural, economic and social issues, for the advancement of Queensland;
- increase recognition of UQ’s excellent educational programs and research through community information programs;
- ensure UQ graduates are well informed on UQ’s activities, aims, aspirations and commitments;
- partner with communities, business, government and non-profit organisations to identify community needs that UQ is well placed to service;
- facilitate community involvement in UQ decisions affecting the community;
- expand the professional contributions of staff in their specialised fields to the needs of government, business, health, rural and community organisations;
- maintain and extend activities in continuing professional education for staff by offering post-tertiary courses that reflect the latest developments in fields and, where possible, are articulated to award courses; and
- enhance relationships with UQ alumni through domestic and international alumni strategy development and to grow international alumni networks and active international alumni by 100 percent by 2009.
Town and gown

Regional partnerships
In a national first, in 2006 The University of Queensland teamed up with Roma Miles Tourism Development Unit (RMTDU) to launch a tourism internship program that aims to address skills shortages in regional Queensland. A key component of the internship program is a knowledge-exchange workshop for the School of Tourism and the Roma tourism community.

For the second year, Tourism Queensland worked with the School of Tourism in planning and delivering a dedicated, professional tourism project for a team of “executive shadowing students” from UQ.

In January 2006, the School of Tourism piloted the TedQual Volunteers Program. Under this initiative, a team of postgraduate students, with the support of an academic staff member, worked with regional tourism organisations in Toowoomba and the Southern Downs to develop drive tourism trails for Tourism Queensland.

NRAVS’ Centre for Native Floriculture (CNF) continued to expand its scope of research and services offered. Scientific research at the University helped establish an Indigenous-run flower and nursery business. The CNF at the Gatton Campus worked with the Dhugamin Community Development and Employment Program (CDEP), based at Hervey Bay, to design and build the nursery and improve the skills of Dhugamin CDEP staff.

UQ veterinary surgeons, Drs Sue Sommerlad, David Burgess, Lyn Minhinnett and Professor Gail Anderson, and UQ anaesthetists, Drs Helen Keates and Brenda Dixon, led a surgery and anaesthesia seminar in Toowoomba in May. Vets and veterinary nurses from Ipswich, the Darling Downs and the Lockyer Valley were invited to learn the latest developments in veterinary technology. The workshops provided valuable continuing education, networking and access to the latest surgical information and best practice nursing to better serve clients and patients.

Community consultation
UQ campuses joined government and corporate organisations to help improve local communities. Partnership activities included:

- Ipswich health practitioners met Bachelor of Health Sciences students in a series of “Meet the Practitioner” sessions, designed to inform students about the range of careers available to graduates. The informal sessions gave students a valuable understanding of the health system, while forging links with local health services;
- the UQ Boilerhouse 2006 conference series engaged students and community leaders and encouraged debate on important issues;
- the Engaging Young People in Local Governance workshop in August recognised that the challenge to successfully engage young people in matters of governance and real decision-making was a primary concern;
- people seeking relief from hearing disorders had access to advanced technology and equipment at the St Lucia campus public audiology clinic. The clinic expanded its service after entering a partnership with hearing instrument supplier, Siemens; and
- UQ’s Centre for Companion Animal Health joined government departments, local authorities, animal welfare agencies, researchers, veterinary practitioners, breeder organisations and pet-shop owners in an attempt to gain a better understanding of the problem of unwanted pets.

Sharon Brieschke and her daughters, Hannah, 9, (left) and Tamara, 14. Sharon is the inaugural winner of the Heather Bonner Memorial Scholarship, which is available only to women enrolled at UQ. Sharon is a mature-aged student, studying a Bachelor of Behavioural Studies/Bachelor of Education. Sharon is committed to community work.
Customs House
www.customshouse.com.au
Customs House is UQ’s downtown city base in Brisbane’s CBD. In 2006, the heritage-listed riverside building continued as a high-demand venue for University, corporate and private meetings, seminars, cultural events and catered functions. Regular users included the UQ-sponsored Brisbane Institute. A major refurbishment of the Riverside Terrace and outside restaurant area, including a roof over the dining area, was completed early in 2006.

The School of Music’s Sundays at Customs House series included nine free concerts. Each attracted capacity audiences of more than 250 people. A variety of musical styles was presented by student performers, ensembles and international guest pianist, Mauricio Garza Salazar, from Mexico.

While the Customs House Art Gallery closed in 2005, the Stuartholme-Behan Collection remains on show for Sunday visitors and people attending functions.

Making music
www.uq.edu.au/boilerhouse
The UQ Symphony and String Orchestra featured at two fully subscribed, low-cost public Sunday afternoon concerts at the Queensland Performing Arts Centre (QPAC), continuing the UQ–QPAC partnership formed in 2003. Support from the Office of University Development and Graduate Relations resulted in continued sponsorship from the Alumni Association of The University of Queensland Inc and Ray White Clayfield.

The May concert, Mozart in the Middle, was part of the 4MBS Festival of Classics celebrating Mozart’s 250th anniversary and the centenary of Shostakovich’s birth.

Public events at UQ St Lucia included:
• 27 free lunchtime concerts;
• six free organ recitals;
• seven competition-based evening performances for strings, piano, brass, wind and voice;
• several free evening concerts featuring Masters performance students and training vocalists;
• an orchestral concert in the UQ Centre with a schools’ focus;
• and an all-ensemble concert in the UQ Centre showcasing the UQ Symphony Orchestra, Symphonic Wind Ensemble, University Chorale, Brass Ensemble and So-la Voce chamber choir.

Seeking solutions
Partnership projects
www.uq.edu.au/boilerhouse
Established in April 1999, the UQ Boilerhouse Community Engagement Centre (BCEC) was designed to support and facilitate partnerships between the UQ Ipswich campus and the broader community. It has since worked on many different projects to enhance the life experiences of those living in the area.

Early in 2006, BCEC moved into the refurbished boilerhouse building and has 15 staff working on 17 projects, with operational and project funding of more than $2 million.

In 2006, several new projects were launched, including a three-year ARC Linkage project with the Australasian Centre for Ageing, which aims to develop and implement a model of local collaboration to respond to national policy goals regarding the community’s capacity to age well.

In mid-2006, BCEC received funding from the Rural Industries Research and Development Corporation to undertake a policy synthesis project for the Cooperative Venture for Capacity Building (CVCB). The goal is to engage with national policy makers and inform on development of emerging policies and institutional arrangements regarding capacity building and extension in rural industries and natural resource management.

BCEC researchers continued to work with Pacific Island community leaders to develop new ways of providing access to university for young people from Pacific Island communities in the Ipswich area. A new project began on developing an integrated social sustainability framework for southeast Queensland. The framework will consider legislative, policy, planning and operational requirements for building socially sustainable Queensland communities and will develop guidelines, tools and responses to inform and direct these requirements.

Innovative after-school programs for 13-to-15-year-old students from Ipswich high schools continued to be provided. Funded by the Department of Communities, the program includes courses in digital music, film-making, screenprinting and personal fitness training and the popular Leadership for Young Women program, which was again sponsored by women’s community group, Zonta.

Four students who completed the digital music course won prizes in the Loop to the Max competition run by Binary Designs and judged by Sony Music, and the course itself won the senior school prize for its entries in the competition.
Sharing knowledge

Overcoming language barriers
The Institute of Modern Languages had 2468 people enrolled in 207 courses to learn 27 languages in 2006, including 146 people enrolled in personalised language learning for individuals and organisations.

IML’s personalised language learning services included:
- 21 languages, including Arabic, Farsi, Portuguese, Brazilian Portuguese, French, Russian, Cantonese, German, Spanish, Chinese Mandarin, Hebrew, Swedish, Croatian, Italian, Tetum, Czech, Japanese, Thai, Dutch, Norwegian and Turkish, delivered to individuals and organisations; and
- organisations assisted by IML included the Federal Government Department of Immigration and Indigenous Affairs; the office of the Queensland Governor; the New Zealand High Commission; Beenleigh State High School; Canberra Language School; St Peter and Paul’s Catholic schools; Bradken, Ingeus; ML Design; Sinclair, Knight and Merz; Rio Doce Australia; Rio Tinto; Xstrata Copper; and Xstrata Technology.

The reasons given by students enrolled in IML courses included:
- exchange students heading overseas;
- attending a conference or international congress overseas;
- delivering a presentation in another language;
- teaching English overseas;
- language maintenance and improvement after studying at university, high school or living overseas;
- to communicate with family or friends who speak another language;
- for career or business purposes;
- current work;
- high school doesn’t offer the language; and
- intellectual stimulation.

ICTE

English language teaching and related TESOL activities
www.icte.uq.edu.au
The Institute of Continuing and TESOL (Teaching of English to Speakers of Other Languages) Education (ICTE) continued to strengthen and expand its links with government, institutional and corporate partners through 121 active partnerships.

Activities included regular and customised English language training programs for individuals and groups, TESOL teacher training and professional development programs and customised semester abroad programs. Throughout 2006, ICTE undertook a significant role in UQ’s market development activities in Latin America, particularly Chile, with expected tangible business outcomes from the region to be achieved in 2007. The institute was successful in October 2006 in its application for ongoing Registered Training Organisation status for 2007–2012 under the Federal Government’s new, more stringent registration procedures.

ICTE received six State and Federal government and business sector awards and commendations for excellence during 2006, including the Queensland Education and Training International inaugural Industry Showcase Award for Partnerships for Positive Outcomes, the IELTS Australia Global Centre of Excellence 2005 Award, the Queensland–Japan Chamber of Commerce & Industry/Japan Airlines Services Export Award and a finalist award for the 2006 Queensland Premier’s Education Export Award.

The year was the 25th anniversary of delivery of the first ELICOS programs at UQ and highly successful celebration functions were held in Japan, South Korea and Brisbane to mark this significant milestone. Several staff undertook secondments and/or presented at professional conferences in Chile, Mexico, Thailand, Vietnam and Australia throughout the year.

Considerable focus and resources were directed at finalisation of the design planning for construction of the institute’s new premises in the GPN4 building, which began in November 2006.

In Australia, activities included general, academic and business English
language training for 1626 students from 54 countries, and IELTS language testing for 7094 candidates (654 more than in 2005). Community homestay placements were arranged for 2967 students and vocational/professional program participants.

The institute also provided:
- concurrent English language support training for 584 UQ undergraduate and postgraduate students during the University’s academic year;
- 32 customised English language group programs for 632 students from Japan, South Korea, Indonesia, China, Vietnam, Thailand, and Chile;
- pre and in-service professional development training for 159 English language teachers from Hong Kong, Vietnam, China, Japan, South Korea, and Germany, and pre-service TESOL training for 41 participants;
- customised English and methodology for TESOL purposes training and in-country follow up of development support for 20 English language teachers from Chile (contracted by Fundacion Minera Escondida, funded by BHP Billiton/Rio Tinto);
- customised English for Business/ Mining Communications training for mining-sector personnel and English for Academic and Research Communications training for staff of the Universidad Catolica del Norte, in Antofagasta, northern Chile;
- general and specialised English language training for three cohorts of senior Indonesian Department of Immigration officials (contracted by the Australian Government Department of Immigration and Multicultural Affairs);
- as an approved University of Cambridge ESOL Examinations administration centre, the delivery of the Teaching Knowledge Test (TKT) for the first time to 87 candidates, together with customised training in English for TESOL purposes and TKT exam preparation in 2006;
- delivery for the first time of new English for Special Purposes TESOL courses and customised programs to new client groups, including Chongqing University, China, Suan Dusit Rajabhat University, Thailand, and Tokyo Kasei University, Mejiro University and Gunma Prefectural University, in Japan;
- customised, intensive semester abroad programs for partner universities from Hong Kong and Japan incorporating English language, school and professional site-visit programs;
- on-campus and online components of the International Diploma in Language Teaching Management (IDLTM), a joint initiative with University of Cambridge ESOL Examinations and US School for International Training;
- a customised English, leadership and professional internship program for the Ministry of Education Mexico; and
- packaged English language training and professional internships for university and college students from Japan and South Korea with placements in the government and corporate sectors.

Continuing education
The Extension Studies International division of ICTE further diversified its client institution and instrumentality base through delivery of:
- customised technical/vocational short courses for 1356 students from the Jikei Gakuen College network in Japan;
- a customised HRM program for the Ministry of Agriculture and Rural Development (MARD) from Vietnam;
- a customised Business and Social Issues Program in the Asia Pacific Region involving Brisbane, Canberra and Sydney and Shanghai and Beijing, China, for the Ministry of Education Mexico;
- other customised programs for the Vietnam Tourism Corporation, the Electricity Generating Authority of Thailand (EGAT), the Hangzhou Municipal Education Bureau, the Dalian Ports Authority China; and
- six customised special-interest, credit-bearing programs for American universities in areas including business, agriculture and Australian studies.

The Extension Studies Domestic division of ICTE diversified its suite of program offerings through delivery of:
- 92 corporate training programs for 736 staff of government instrumentalities, companies and institutional divisions at city and regional locations throughout Queensland, achieving a growth of 38 percent in this revenue stream in 2006, compared with 2005;
- a diverse range of 94 personal and professional education (previously termed community education) courses to 1021 participants; and
- the new, revised Certificate IV in Training and Assessment which was delivered for the first time in the second half of 2006. ICTE-UQ was one of the first RTOs in Queensland to gain accreditation from Queensland Government registration authorities to deliver the new format program.

International service
Overseas aid
The Faculty of Health Sciences has driven the U21–Swinfen Charitable Trust (SCT) E-health Consortium, which provides a specialist medical service by teleconference to 100 hospitals in almost 40 developing countries.

A group of Queensland doctors is assisted by an internet-savvy charity that connects doctors with patients in remote corners of the world.

The trust co-ordinates consultations between doctors in developing countries and medical specialists in Queensland.

Email communication and digital images of patients are used to assist the specialists and provide free medical advice to their colleagues.

The SCT is based in the United Kingdom and has 11 telemedicine sites, including links in Bangladesh, Nepal, the Solomon Islands and Tristan Da Cunha, off the Cape of Good Hope.

UQ’s Centre for Online Health provides the internet link: www.uq.edu.au/health

Telepaediatric robot Eliza at the Centre for Online Health.
Alumni connections

Office of University Development and Graduate Relations
www.development.uq.edu.au

Established in 1988, UQ’s Office of University Development and Graduate Relations (OUDGR) nurtures support for, and encourages, graduate involvement in University affairs. The 2005 Vice-Chancellor’s Review of the University’s interactions with its wider communities resulted in the establishment of a Division of External Relations. The division comprises the Office of Marketing and Communications (OMC) and the OUDGR, which report to the Deputy Vice-Chancellor (Academic).

In 2006, OUDGR helped raise more than $8 million from individuals, business and the community as gifts, new pledges and notified bequests. That constituted almost 3000 gifts from 2200 donors.

The Chancellor’s Fund, our annual direct mail appeal, focused on four key University initiatives: emerging needs, library, scholarships, and the UQ Foundation. More than $473,000 was given in support of these and other specified faculty and University initiatives.

Gifts and confirmed pledges supported numerous Faculty of Health Sciences initiatives in areas such as psychosis research ($150,000), gastroenterology research ($20,000), obstetrics and gynaecology research ($20,000), the Centre for Diabetes and Endocrine Research ($51,000), the Burns, Trauma and Critical Care Centre ($35,000), the Workplace Health and Safety Program ($30,000), and the Renal Regeneration Consortium – Research ($20,000).

The Queensland Brain Institute (QBI) received more than $800,000 to support research, including motor neuron disease and spinal cord injury. The amount included a further $750,000 from the Peter Goodenough and Wantoks bequest, bringing the total bequeathed gift to $3.75 million.

Four new bequeathed gifts (money or part/whole of an estate written into wills) were confirmed during 2006, including one of $5 million.

Alumni relations activities included:

- support for the activities of 32 alumni networks, including special interest groups, the UQ Athletics Club, and the Faculty of Health Science’s Special Interest Group in Singapore;
- the annual Graduates of 50 or More Years Standing lunch, which attracted a record attendance of graduates from all disciplines;
- the annual Courting the Greats awards lunch, which recognises the outstanding achievements of UQ’s alumni. The 2006 Alumnus of the Year was awarded to Brisbane author Dr Nick Earls, and the 2006 Young Alumnus of the Year was awarded to the Member for Ipswich and former UQ Senator, Rachel Nolan;
- alumni dinner celebrations, including the 50th anniversary of the School of Social Work and Applied Human Sciences, and the 85th anniversary of the School of Journalism;
- new and re-launched associations for graduates from engineering, economics, technology and innovation management, health and physical sciences;
- seven alumni reunions from various disciplines and planning for several more reunions in 2007;
- regular monthly meetings for all University staff involved in alumni-related activities;
- the bimonthly alumni e-newsletter, which continued to receive positive feedback from graduates; and
- organisation of and participation in the Australian Universities International Alumni Convention 2006. International and domestic alumni attended the event, which provided opportunities for them to learn and expand their networks.
International alumni

In 2006, UQ moved to further support international education and international alumni by employing an International Alumni Project Officer based in the International Education Directorate (IED), and the launch of New Vision in response to the University’s internationalisation plan.

UQ is committed to continuing to develop a life-long connection with its international graduates and is dedicated to extending the support it provides to international students, even once they have completed their qualifications and leave campus. New Vision focuses on providing services and support to international alumni, through identifying key international graduate destinations and responding to University and graduate goals.

Working with groups of interested graduates based offshore, planning is in progress to expand the number of international alumni chapters from the 10 currently in operation. IED is supporting the diversification of activities undertaken by the active chapters already in place. For example, during 2006, the Faculty of Health Sciences established Health Special Interest Groups in the Singapore and Thailand Chapters and IED employed UQ alumni in Indonesia to assist with recruiting activities.

From 2006, international alumni are eligible for a discount library membership, encouraged to use the Career and Employment Services for Graduates and have access to a calendar of events on UQ’s website.

UQ was pleased to invite our international alumni presidents to the Australian Universities International Alumni Convention 2006 (AUAC) in Brisbane in September. Before the convention, a private workshop, networking drinks and a formal welcome dinner hosted by Professor Trevor Grigg were held at Customs House exclusively for our presidents. This was followed by a three-day conference with many distinguished international alumni from all Australian universities. It was the first time many of the presidents had met and an opportunity for everyone to get to know each other and plan the future direction of international alumni.

In line with The University of Queensland’s internationalisation plan, UQ hosted celebrations in honour of international alumni in Singapore, Beijing, Shanghai, Hong Kong, Ho Chi Min, Hanoi, Danang, and Bangkok in October and November 2006. It was the first time UQ had held whole-of-University alumni functions in the People’s Republic of China.

The International Alumnus of the Year was announced in December 2006 and awarded to the University’s first Chilean PhD graduate, Professor Victor Cubillos Godoy, the current Rector (President/Vice-Chancellor) of one of UQ’s international partners, Universidad Austral de Chile. Professor Cubillos is an internationally respected veterinary science academic, researcher and education leader in Chile and South America.

UQ fundraising included:

- A $107,584 grant from the JO & JR Wicking Trust to research how animal-assisted therapy can make a real difference to the lives of people with Alzheimer’s disease;
- the establishment of new scholarships and prizes, including the Cecile Anne Sloan Postgraduate English Creative Writing Research Scholarship ($50,000 received), the Dr Rosamond Siemon Postgraduate Renal Research Scholarship ($30,000), and the Dr Mittelheuser AM & ABN AMRO Morgans Ltd Prize in Accounting and Finance ($10,000);
- continuing scholarship and student support, such as the Neil Brice Memorial Fund ($45,000), the Clem Jones Sporting Scholarship ($35,000), the Saragossi Scholarship in Alzheimer’s Disease Research ($25,000), the School of Business International Scholarships program ($16,000), and the Thiess Civil Engineering Scholarship ($16,000);
- almost $21,500 to support the Lloyd Davis Memorial Visiting Professorship. Established in memory of Associate Professor Lloyd Davis, who worked at the School of English, Media Studies and Art History, the professorship brings a major world scholar to UQ each year to teach and share their scholarship with UQ’s Shakespeareans;
- almost $16,000 for the Mooting and Alternative Dispute Resolution Program, run by the TC Beirne School of Law, and
- more than $42,500 and more than $136,000 for the School of Veterinary Science, and the Centre for Companion Animal Health’s Patron for Pets appeal respectively.
Dr Michael Smart with a shape of new scramjet engine prototypes capable of reaching Mach 12.
Management and resources

In 2006, the University employed 5474 staff. Total operating revenue was $937.486 million and our financial operations produced a surplus of $44.4 million. Total net assets were valued at more than $2 billion.

Strategic planning
In November, Senate received a report on progress towards achievement of operational priorities in our 2006–2010 Strategic Plan. Senate also noted revised faculty and central services Operational Plans (including risk management) and approved an Asset Management Plan. These support initiatives are outlined in our 2007–2011 Strategic Plan.

These measures, together with planning initiatives in teaching and learning and research, support and extend our central Strategic Plan.

Our finances
The University has an obligation to comply with reporting as a not-for-profit entity and, as such, while its financial statements and notes comply with Australian Accounting Standards, it does result in some inconsistencies in relation to the International Financial Reporting Standards (IFRS) requirements.

Result for 2006
A consolidated surplus of $44.4 million was recorded for 2006, compared with the surplus of $56.5 million in 2005 (restated to $12.3 million).

This surplus has been achieved after recognising the impact of two adjustments that were taken as a charge against the current year.

The first adjustment related to the practical application of AASB 118 – Reciprocal Grants. There has been widespread debate across Australia as to the application of this standard during the past 12 months. The outcome has been a restatement of the 2005 reported surplus and a reduction in income recognised in 2006 of $17.5 million. The interpretation of this standard clearly recognises the matching concept and the University welcomes this.

The comparative figures for 2005 have been adjusted to reflect this treatment and, as a consequence, the profit for 2005 reduced by $38.6 million.

A further adjustment that had an impact on the 2006 result was recognition of an annual leave accrual for academic staff. Before 2006, the University had a policy of not recognising a leave accrual for academic staff, as all academic staff were deemed to have taken their allotted leave during the course of each calendar year.

The impact of the Federal Government’s WorkChoices legislation has required the University to record academic leave in the same way as general staff leave. The outcome has been a net accrual at balance date of $16.1 million, which has reduced the reported surplus.

Both these adjustments are non-cash adjustments and, combined, have reduced the reported surplus by $33.6 million.

Objectives
- to ensure academic aspirations are supported by effective management structures, policies, practices and systems;
- seek to enhance funding levels from all sources;
- to develop, maintain and implement effective policies and procedures for recruiting and retaining high-quality staff;
- to provide and maintain an appropriate physical and learning environment; and
- to ensure the capital budget framework supports sound strategic management of capital assets.
Income
The parent entity surplus for the year of $41.9 million compares with the 2005 result of $55.5 million (restated to $11.4 million).

Income provided by the Australian Government amounted to $501.4 million, an increase of $29 million over the amount provided in 2005.

The Commonwealth Grants Scheme (CGS), introduced in 2005, that provides a contribution by discipline towards the cost of an agreed number of places each year, increased incrementally (as defined in the Higher Education Support Act 2003).

The contribution per student place increased 2.5 percent from 2005, building to 7.5 percent in 2007. These funding increases are contingent on the University complying with the Higher Education Workplace Relations Requirements (HEWRRs) and the National Governance Protocols.

The University satisfied the relevant conditions for the funding increases. Base Federal Government funding grew $4 million (2.5 percent) in 2005 and increased $8 million (five percent) in 2006. It is expected to grow further in 2007 to $12 million (7.5 percent).

Support from the Queensland and local governments continued to assist the University’s operations. Total funding of $32 million ($22.9 million in 2005) was received during 2006 with the Queensland Government continuing to support the Institute of Molecular Bioscience and the Sustainable Minerals Institute with $10 million.

Income derived from fees and charges, particularly tuition fees paid by international students, increased from $117.9 million in 2005 to $125.7 million in 2006. The rate of increase in income from this source over recent years has been much higher, however fee rates have now stabilised, as have overall student numbers.

### Consultancies

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>EXPENDITURE $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance/Accounting</td>
<td>143,860</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>130,798</td>
</tr>
<tr>
<td>Information Technology</td>
<td>814,695</td>
</tr>
<tr>
<td>Management</td>
<td>405,972</td>
</tr>
<tr>
<td>Professional/Technical</td>
<td>7,751,527</td>
</tr>
<tr>
<td>Communications</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>9,246,855</td>
</tr>
</tbody>
</table>

### Total University income and expenditure 2006

- **Revenue**: $937.48 million
- **Expenses**: $895.56 million

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment income</td>
<td>2.66%</td>
</tr>
<tr>
<td>Commonwealth loan programs</td>
<td>2.21%</td>
</tr>
<tr>
<td>State &amp; local Government financial assistance</td>
<td>2.65%</td>
</tr>
<tr>
<td>Consultancy &amp; contract research</td>
<td>6.10%</td>
</tr>
<tr>
<td>HECS-HELP – Commonwealth</td>
<td>12.51%</td>
</tr>
<tr>
<td>HECS-HELP – Students</td>
<td></td>
</tr>
<tr>
<td>Other revenue</td>
<td>14.30%</td>
</tr>
<tr>
<td>Fees and charges</td>
<td>17.27%</td>
</tr>
<tr>
<td>Commonwealth Government grants</td>
<td>42.30%</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
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<tr>
<td><strong>Utilities &amp; insurance</strong></td>
<td>2.77%</td>
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<tr>
<td><strong>Collaborative projects</strong></td>
<td>3.09%</td>
</tr>
<tr>
<td><strong>Repairs, maintenance &amp; minor works</strong></td>
<td>3.35%</td>
</tr>
<tr>
<td><strong>Travel, staff development &amp; entertainment</strong></td>
<td>3.35%</td>
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<tr>
<td><strong>Other expenses</strong></td>
<td>3.78%</td>
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<tr>
<td><strong>Scholarships, prizes &amp; grants</strong></td>
<td>4.99%</td>
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<tr>
<td><strong>Depreciation &amp; amortisation</strong></td>
<td>6.49%</td>
</tr>
<tr>
<td><strong>Teaching &amp; lab materials &amp; services</strong></td>
<td>6.77%</td>
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<tr>
<td><strong>Operating expenses</strong></td>
<td>8.06%</td>
</tr>
<tr>
<td><strong>Employee benefits &amp; on-costs</strong></td>
<td>57.35%</td>
</tr>
</tbody>
</table>

**TOTAL**: Revenue $937.48 million, Expenses $895.56 million
Smart State Research Facilities Fund
The Queensland Government Smart State Research Facilities Fund was established to promote research and infrastructure for science and development. To date, the University has been the recipient of $96 million for various projects and, during 2006, $15 million was received.

The 2006 funding was applied towards:
- Australian Institute for Bioengineering and Nanotechnology, $5 million, in addition to $15 million received in previous years; and
- Queensland Brain Institute, $10 million (50 percent of the total funding to be provided by the Queensland Government).

Expenditure
Total expenditure on continuing activities (parent entity) was $895.7 million. Of the total, the amount attributed to staff salaries and related on-costs was $530.9 million (59.3 percent).

Capital expenditure
The University has continued to invest significantly in major infrastructure and the amount capitalised on property, plant and equipment during 2006 totalled $148.3 million ($110.7 million in 2005 and $72 million in 2004). Depreciation of $58 million was incurred in 2006. Investment in major capital infrastructure will continue during 2007.

Investment portfolio
The University has a total of $75.1 million in investment funds. These are primarily trust and bequest funds that have been built up over the years. To maintain the real value of the funds, they are managed in a long-term portfolio by external specialist fund managers.

The fund managers are required to operate within defined asset allocation benchmarks and each of the eight managers has separate responsibilities for investments in:
- cash and fixed interest;
- listed property;
- Australian shares;
- overseas shares;
- tactical asset allocation; and
- private equity.

The combined return by all fund managers for the year was 17.7 percent, compared with the benchmark return of 16.1 percent.

### Externally sponsored chairs

<table>
<thead>
<tr>
<th>CONTRIBUTOR</th>
<th>AMOUNT $</th>
<th>CHAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colgate Palmolive Pty Ltd</td>
<td>100,000</td>
<td>Colgate Chair of General Practice Dentistry</td>
</tr>
<tr>
<td>The Toowong Private Hospital</td>
<td>165,000</td>
<td>Kratzmann Chair in Psychiatry and Population Health</td>
</tr>
<tr>
<td>The Garnett Passe and Rodney Williams Memorial Foundation</td>
<td>Currently 270,000</td>
<td>The Garnett Passe and Rodney Williams Memorial Foundation Chair in Otolaryngology, Head and Neck Surgery</td>
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<tr>
<td>Queensland Health</td>
<td>120,000</td>
<td>Chair of Adolescent and Child Psychiatry</td>
</tr>
<tr>
<td>Queensland Department of Primary Industries and Fisheries</td>
<td>100,000</td>
<td>Chair in Animal Welfare</td>
</tr>
<tr>
<td>Xstrata</td>
<td>150,000</td>
<td>Chair in Metallurgical Engineering</td>
</tr>
<tr>
<td>BHP Mitsubishi Alliance</td>
<td>125,000</td>
<td>Chair in Minerals Processing</td>
</tr>
<tr>
<td>BHP Mitsubishi Alliance</td>
<td>125,000</td>
<td>Chair in Mining Engineering</td>
</tr>
<tr>
<td>Queensland Department of Main Roads</td>
<td>190,000</td>
<td>Main Roads Chair</td>
</tr>
<tr>
<td>Queensland Department of Main Roads</td>
<td>180,000</td>
<td>Chair in Transport</td>
</tr>
</tbody>
</table>
Generous gifts
During 2006, the University was again the grateful recipient of generous donations supporting teaching, research and award programs.

The Atlantic Philanthropies
The University acknowledges the significant contribution that The Atlantic Philanthropies has made over recent years.

In 2006, $17.6 million was received, making a total of more than $125 million having been paid or pledged for projects, including buildings, the Institute for Molecular Bioscience, the Queensland Brain Institute, the Australian Institute for Bioengineering and Nanotechnology and the UQ Centre for Clinical Research, and UQ–Vietnam initiatives, including scholarships for studies in Australia and courses in Vietnam.

The estates of James O’Neil Mayne and Mary Emelia Mayne
The University is the recipient of an annual distribution from the Mayne estates and in 2006, $2.1 million was received. The funds are applied to the Faculty of Health Sciences and were used to support:

- development of the medical program ($500,000);
- maintenance of Chairs of Medicine ($150,000), Surgery ($150,000), and General Practice ($100,000);
- assistance to postgraduate medical students ($675,000); and
- support for the establishment of new staff appointments.

Scholarships and prizes
The University was the recipient of more than $8 million in 2006 for providing scholarships and prizes.

The Atlantic Philanthropies provided $2.6 million and the balance was provided by the State Government, individuals and organisations.

Other significant donations
The Peter Goodenough and Wantoks Bequest made a donation of $3 million in 2005 to advance research into the causes and treatment of motorneuron disease. A further $750,000 was received in 2006 from the bequest.

A further distribution of $440,000 was received from the estate of the late Helen Ann Gordon Rimmer bringing the total received from the estate to $940,000. In accordance with the estate, the funds are applied to support the Professor William Burnett Postgraduate Research Fellowship.

Payroll and entitlements
The Payroll Section continued to facilitate payment of more than 15,500 individual employees and scholars each year.

Relationships with two leading health funds were strengthened this year with discounted and competitive health cover options becoming available to UQ staff members. Most employees are now able to self-maintain their payroll deductions for premium payments via the Employee Self-Service (ESS) module.

Reporting of employee payments was audited in light of new WorkChoices requirements and all requirements were assessed as being met.

In 2006, management of academic staff leave entitlements was brought into the Aurion Human Resource Management System to comply with the introduction of the Federal Government’s WorkChoices legislation.

All continuing and fixed-term staff can now apply for and monitor their own leave entitlements through the ESS module. Management of special studies program entitlements was incorporated successfully within the Aurion system.

Concurrence with the latest developments in HR systems was maintained through the implementation of two major software upgrades to Aurion.

The upgrades enhance the general functionality of the system and pave the way for the pilot of the Timekeeper module in early 2007. This module will enable web-based workflows of electronic timesheets and streamline the payment of casual staff.

Superannuation
UniSuper continued to provide superannuation benefits for staff. The fund is specified in the enterprise-bargaining agreements for academic and general staff.

Key elements from UniSuper’s Trustee Report for the year ended June 30, 2006, were:

- combined Defined Benefit Division/ Accumulation Super 2 membership of 72,922, down from 75,917 the previous year;
- active Accumulation Super 1 membership of 106,963, up from 98,287 the previous year;
- 178,705 retained benefits/spouse account members and 6358 pension members;
- total assets under management of $19.3 billion, up from $15.3 billion the previous year; and
- strong investment performance for the year ended June 30, 2006:
  - cash 5.5 percent
  - capital stable 7.78 percent
  - conservative balanced 11.24 percent
  - balanced 14.48 percent
  - growth 17.39 percent
  - socially responsible shares 21.2 percent
  - shares 21.14 percent.

Amendments to the UniSuper trust deed during 2006 now permit:

- flexible contribution rates for compulsory member contributions to the Defined Benefit Division or Accumulation Super 2 accounts;
- transition to retirement, whereby a member at preservation age may receive a complying pension from UniSuper while still employed;
- portability, whereby a member of an accumulation plan may transfer accrued benefits to another regulated superannuation fund; and
- contribution splitting between spouses for contributions to accumulation accounts.
Our systems

IT initiatives

The University began a major upgrade of the PeopleSoft Student Administration software that underpins SI-net and mySI-net during 2006.

The new version, Campus Solutions, is fully web-enabled and builds on the functionality of a previous release that was available only in North America. UQ was the first Australian institution to start work on the upgrade.

Work continued in 2006 on the eSecurity Framework Project, funded by the Federal Government, with the aim of developing an online environment in which universities can collaborate at low risk and low cost.

Another federally funded project, the Middleware Action Plan and Strategy Project (MAPS), entered its second stage during 2006. UQ is the lead university for the project which aims to develop a roadmap for middleware services (programming linking existing programs) in the Australian research and higher-education sector. The second stage of the project includes a stocktake of middleware services offered in Australia.

Implementation of a new central email system using Microsoft Exchange was started in 2006. Migration of staff email accounts to the new system will continue in 2007 with the ultimate aim of supporting 10,000 accounts. Microsoft Exchange has several benefits, including better collaboration tools.

New help desk software was bought and implemented in 2006. It replaced existing help desk systems and provided more streamlined incident reporting. The goal is to support a federated IT service desk across UQ.

The Student and Administrative Services division undertook several system changes in further support of the academic enterprise, including:

Policy change communications:
- University-wide information updates using various approaches were delivered to ensure students and staff were well informed about changes to the rules, including those relating to grades of 3, enrolments and academic progress;
- An administrative system to support the University’s policy on anonymous marking was implemented.

Scholarships:
- Upgrade to the University’s web-based scholarship information and production of an undergraduate scholarship brochure to facilitate dissemination of information about undergraduate scholarships at UQ;
- The University’s transition officer – learning has developed a UQ-Link and Scholarship Community Blackboard website. Students can gain information about services, engage in discussion with other students, support other students and receive specialist assistance.

Student workshops:
- An increased range and number of workshops were conducted by Student Support Services. Newly developed workshops included: cognitive behaviour therapy (for those with anxiety and mood disorders); employment preparation for students with a disability; academic writing; and money minded (to assist student with budgeting and money management issues).

Admissions and recruitment:
- Rolled-out access to live data on the QTAC system to key faculty and school staff to improve decision-making and efficiency in processing admissions and recruitment to UQ.

Accommodation Services:
- The service continued to optimise housing outcomes for students by improved use of existing assets, including residential colleges, and developing relationships with private housing providers in surrounding suburbs and south of the river, ahead of the opening of the Eleanor Schonell Bridge.
- Established direct housing assistance to prospective students through a priority allocation practice that allowed newly arrived international students and staff to be assured of University-administered housing arrangements before leaving their home countries.
- Implemented an online application process for international students seeking accommodation in residential colleges.
Class and examination timetabling (UOCENTRA):
- A pilot of the roll-out of the Ad Astra class-timetabling system to schools was completed in 2006 and full roll-out will occur in 2007.
- Implementation of the Ad Astra examination timetabling software was progressed.

Disability Management System:
- The University’s Information Technology Services has been engaged to develop a new web-deployed system to facilitate provision of relevant services for students with a disability, to enhance their equitable access to the University’s teaching and learning facilities. Specifications for the system’s functionality have been developed by Student Support Services in consultation with key stakeholders. The new Disability Management System will link sectors of the University, including academic staff, examinations, central administration and Student Support Services.

Electronic course profile:
- The electronic course profile (ECP) system was deployed to the majority of schools in the University in semester 2, 2006. The remaining schools will use the system in 2007. The ECP is a web-based electronic summary of course details and available to enrolled students via mySI-net. A public version is accessible through the Programs and Courses website.

Online applications:
- The University developed an online international student application system with an outside vendor (Study Link) for release in early 2007. The system combines functionality in SI-net, the University’s Programs and Plans databases, to enable international students to submit applications and supporting documentation via the web. Applications are loaded directly into TRIM, the University’s corporate record-keeping software.

Electronic delivery of usernames and passwords:
- A system for the electronic delivery of usernames and passwords to international students was developed. It will enable commencing international students to log on, enrol and obtain ID cards much earlier.

Q Master:
- In response to student feedback, the Student Centre (St Lucia) and Admissions introduced a central phone number for students to complement the face-to-face service. The new system has improved services to students who find it difficult to visit the campus.

Smartcards:
- The University implemented an integrated approach to issuing smartcards to all continuing students and staff, in collaboration with other UQ stakeholders.

Online verification of qualifications:
- A new free online service simplifies the process for external parties verifying UQ qualifications of graduates.

Electronic thesis submission:
- The UQ Graduate School, Office of Research and Postgraduate Studies, and the UQ Printery streamlined the process of submitting PhD and MPhil theses for examination by introducing electronic thesis submission.

Australian Graduate Survey:
- Enhanced web-based access to the Australian Graduate Survey (formerly Graduate Destination Survey) allows the survey to be completed online.

Medical software systems:
- In 2005, an integrated medical software system was implemented involving the Gatton and St Lucia branches of the Health Service. In 2006, it was consolidated and preparations made for incorporating Ipswich campus in the soon-to-be service-wide system. The process was completed in early 2007 and allows professional health service staff to access the medical records of patients presenting to any Health Service branches.
Organisational change

Following a 2005 Vice-Chancellor's Review of UQ’s interactions with its wider communities, a Division of External and Community Relations has been established within the portfolio of the Deputy Vice-Chancellor (Academic).

The Division comprises the Office of Marketing and Communications (OMC) and the Office of University Development and Graduate Relations (OUDGR).

External reviews were undertaken of Information Technology Services and Student Support Services. Issues arising from both reviews, part of the ongoing cycle of reviews of administration and central services, will be pursued in 2007.

A merger of the Schools of Agronomy and Horticulture and Land and Food Sciences within the Faculty of Resources, Agriculture and Veterinary Sciences (NRAVS) was undertaken, affecting 12 academic positions and 15 general staff positions by a combination of voluntary severances and retrenchments. The new School is called Land, Crop and Food Sciences.

The multi-faith Chaplaincy Services appointed its second Imam and extended its multi-faith services to meet a diverse range of spiritual needs among students.

University staff

Training initiatives

UQ's staff development policy reflects the high value placed on staff by aiming to enhance their performance and opportunities for personal and professional development.

The University provides a quality staff development program dedicated to the pursuit of learning and continuous improvement.

The 2006 staff development program delivered 708 courses to 8107 participants. Courses focused on:

- induction;
- leadership and management development;
- senior management development;
- human resource management;
- mentoring;
- equity and diversity;
- finance, administration and information technology;
- internationalisation;
- researching skills;
- academic career development;
- curriculum, teaching and learning;
- leadership in curriculum teaching and learning;
- research teaching;
- career advancement for academics;
- skills development;
- occupational health and safety and environmental management;
- security; and
- pre-retirement advice.

The $350,000 central staff development budget also funded fellowships, educational opportunities and subsidies to attend workshops presented by the Australian Vice-Chancellors’ Committee and the Association for Tertiary Education Management and supported training opportunities for participants from remote campuses or those with responsibilities as carers.

Specific initiatives for 2006 included:

- more consideration was given to teaching contexts and design issues which required teachers and students to accept the challenge of using new teaching spaces to their full benefit;
- workshops were presented to support applicants for UQ and Carrick Awards;
- course coordinators were advised on course evaluation and design to ensure training programs were appropriate and targeted required learning areas;
- EO Online (training in equity principles) became a mandatory element of the induction process for all new staff members;
- senior staff were given leadership development opportunities through the Enneagram training program; and
- more support was given to presenters, both general staff and academics, through the Six Habits of Highly Successful Presenters program.
The Student and Administrative Services division has further developed its staff trainee scheme, introduced in 2005, with participants rotating through six-month deployments in sections across student and academic administration. The aim is to provide well-rounded training relevant to student and academic administration activities for staff who seek a career in University administration.

Performance management
Working parties on diversity of academic roles and performance management were chaired by Professor Alan Rix.

The findings will clarify types of academic appointments and improve annual performance appraisal systems for academic and general staff.

A review of the Appointments and Promotions Committee by a working party chaired by Professor John Drennan began in 2006. Numbers of applications for continuing appointment, promotion and Adjunct and Honorary Professor nominations were high in 2006.

HEWRRs and WorkChoices
The introduction of the Higher Education Workplace Relations Requirements (HEWRRs) and WorkChoices legislation by the Federal Government during 2005 and 2006 resulted in major changes to administration of staffing matters at UQ.

The changes resulted in newly negotiated Enterprise Bargaining Agreements for academic and general staff, to comply with the new legislation.

The HEWRRs are summarised briefly below and variations in the academic and general staff agreements give effect to these requirements:

- Choice in agreement-making: universities must offer genuine choice to staff on the basis on which they are employed, such as under a certified agreement, use of an Australian Workplace Agreement (AWA) or other contractual arrangements. AWAs are now offered to all new and existing employees;
- Direct relationship with employees: agreements must provide for a direct relationship with employees, such that third parties can only be included in negotiations and other processes if an employee requests their involvement.

All committees and relevant boards must not be restricted to third parties only, but can include such third parties, providing there is the possibility for direct employee involvement. To achieve this requirement, open ballots of staff were conducted to select representatives to the Academic Staff Consultative Committee (ASCC) and the General Staff Consultative Committee (GSCC);

- Workplace flexibility: universities must provide fair and flexible working conditions, with agreements tailored to their and their employees’ needs, avoiding excessive detail;
- In particular, new agreements should explicitly displace older agreements; should not inhibit responsiveness to change; and should not inhibit decisions concerning course offerings. These requirements were met by the creation, revision and editing of 38 policies included in the Handbook of University Policies and Procedures (HUPP);
- Productivity and performance: certified agreements, policies and practices should support productivity and performance increases, and provide for a fair and transparent performance management scheme; and
- Freedom of association: certified agreements, policies and practices must be consistent with freedom of association included in the Workplace Relations Act 1996, and while universities must not encourage or discourage union membership, there is a prohibition on government funding being allocated to union salaries or facilities.

General staff classifications
UQ classifies general staff positions in Higher Education Worker (HEW) levels ranging from HEW 1 to HEW 9, using the Hay Group methodology. New and existing positions are assessed via questionnaire and evaluated by a computer-assisted, job-evaluation system.

Of 212 positions classified in 2006, 40 were referred to a manual panel for further evaluation. Sixteen of those increased from their current levels, and the rest remained unchanged or decreased from the levels set by the computer-assisted, job-evaluation process.

One position was referred to the University Review Committee, and resulted in no further change to the classification level.
In 2006, The University of Queensland Equity and Diversity Plan was reviewed in consultation with key senior staff. Increasing the number of female staff at senior levels and Aboriginal and Torres Strait Islander staff are key priorities for 2007–2009.

UQ continued its successful programs for women, including:
- New Horizons, a career advancement program; and
- Promoting Women Fellowships, designed to strengthen the research profile or leadership potential of women who are expected to apply for promotion soon.

Some equity and diversity achievements and activities in 2006 included:
- organising a Workplace Harassment Forum;
- consultations with staff from culturally and linguistically diverse backgrounds;
- consultations with staff related to the revision of the UQ Disability Action Plan;
- a Promotions Workshop for Academic Women held in the UQ Family Room so women with childcare responsibilities, such as those on maternity leave, could attend; and
- two presentations by New Zealand academic Professor Di McCarthy, Pro Vice-Chancellor (Equal Opportunities) and Associate Dean, Faculty of Science at the University of Auckland, at the Senior Women Seminar Series and to the Women Professors’ Network.

The University maintained its accreditation with the Australian Breastfeeding Association (ABA) as a breastfeeding-friendly workplace.

The Equity Office contributed to several University reviews in 2006, including:
- the Continuing Appointment and Promotions Committee;
- diversity of academic roles; and
- performance appraisal procedures and documentation.

The Equity Office collaborated with the Management Information Section to provide managers and supervisors with Alerter Reports through the UQ Reportal, enabling them to determine which staff had completed the online equity and diversity training tool EO Online.

Several activities at UQ were arranged to mark Diversity Week between May 15–19, 2006.

Perry Cross, a motivational speaker on a life-support system, was guest speaker at the Vice-Chancellor’s Equity and Diversity awards presentation. Mr Cross was the 1997 Suncorp Young Queenslander of the Year and 1999 finalist in the Young Australian of the Year Awards.

The $5000 UQ Vice-Chancellor’s Equity and Diversity Individual Award was presented to Dr Sean Tweedy, from the School of Human Movement Studies, for his work with the Adapted Physical Activity Program.

The project helps people with significant physical, cognitive and behavioural disabilities stay physically active. It enables students studying clinical exercise sciences to deliver a community-based physical activity promotion service to people with acquired brain injury.

The award money will be used to help students meet transport costs associated with travelling to meet their clients in their homes and local communities, an aspect of the program that Dr Tweedy said was one of its hallmarks.

The winner of the $10,000 Equity and Diversity Group Award was AIESEC, UQ’s International Association of Students in Economics and Management.

The UQ chapter of AIESEC is part of an international student network established in France in 1948 to help young people discover and develop their potential to have a positive impact on society, including through student exchange schemes.

The international AIESEC is represented in 94 countries and 800 universities.

The prize money will be used to help students, particularly those who are significantly financially disadvantaged, attend international AIESEC conferences and provide internship opportunities around the world.
Health and safety

UQ was required to undergo an external audit of its occupational health and safety management systems to maintain its licence for self-insurance.

The audit occurred during September and was conducted by consulting firm Sinclair Knight Merz. Sections audited were:

- Property and Facilities;
- the Julius Kruttschnitt Mineral Research Centre;
- Central Clinical Division — School of Medicine; and
- the School of Molecular and Microbial Sciences.

The audit results scored all areas above 70 percent, exceeding the standards necessary under the Tri-Safe safety auditing system.

Self-insurance underwent an audit in November for compliance by regulator Q-Comp.

The Q-Comp report gave UQ a high standard in all areas of claims management and rehabilitation.

The Occupational Health and Safety Unit (OH&S) is developing an online training system to assist in reducing the training workloads of OH&S advisers. Issues such as fire safety and evacuation, personal protection equipment, and office ergonomics will be covered.

An online reporting database is being established to provide earlier notification to the OH&S Unit and Work Injury Management of incidents or time-lost injuries. This will improve response times for intervention. Several training programs will be conducted before the database goes live in 2007.

During 2006, the OH&S Unit delivered specialised training programs on OH&S issues to more than 1450 staff and students.

Minor works funding continued through UQ’s asset management plan with more than $400,000 allocated to more than 80 projects to improve facilities or systems and reduce the risk of injury and illness. Examples included:

- hydrexia hydrogen generation project;
- relocation and decontamination of radioactive waste storage at the Radon Laboratory;
- safety cattle crush – Goondiwindi Pastoral Vet Centre;
- refurbished crane at JKMRC;
- specialist ventilation – Dangerous Experiment Laboratory – Chemistry; and
- mobile fire-fighting pump – Heron Island Research Station.

The OH&S Council was convened throughout 2006 and approved amended policies, including those covering:

- workplace health and safety committees;
- occupational health & safety;
- staff responsibilities for occupational health & safety;
- workplace health and safety officers’ role;
- risk assessment and management;
- asbestos management plan;
- electrical safety;
- management of work in confined spaces;
- minimum standards of dress and personal protective equipment;
- manual tasks risk assessment, control and monitoring;
- first-aid safety policy;
- working safely with carcinogens;
- alcohol, tobacco smoking and other drugs;
- management of unsealed radioactive wastes; and
- personal radiation monitoring.

The council rescinded several policies, including those on vision testing, safety in workshops, safe working rules for radioactive laboratories, and labelling of chemicals.

Self-insured workers’ compensation

The Work Injury Management (WIM) unit manages the workers’ compensation operations of UQ under the provisions of the self-insurance licence granted to the University about six years ago.

WIM managed 210 statutory claims and three damages claims in 2006.

Claim numbers had been relatively consistent over the three previous years, however 2006 saw a 20 percent increase. Journey claims contributed significantly to the rise.

The cost of the scheme remained stable despite a significant increase in the medical schedule of fees, staff wage increases and the recent increase in claims. The stability is an indicator of WIM’s overall effectiveness in managing safety, injury management and rehabilitation.

The unit is regularly audited internally, externally and by the Queensland regulatory authority Q-Comp and all audits have confirmed full compliance with the Workers’ Compensation and Rehabilitation Act 2003, its regulations and associated procedural requirements.

Data and statistics provided by the regulator on UQ’s performance standards within the scheme confirmed it was exceeding industry benchmarks in virtually every criteria set down for assessment and comparison. The data showed UQ was one of the best performed of the 28 self-insured organisations in Queensland.

WIM’s personalised on-campus presence and its continuing emphasis on early intervention, efficient claims and medical management and rehabilitation greatly assisted injured workers and has helped contribute significantly to their return to health and work.
Information flows

Marketing and communications
The work of the Office of Marketing and Communications (OMC) continued to strengthen UQ’s public profile and relationships with internal and external stakeholders.

Some of the year’s activities included:
- campus Open Days;
- development and coordination of media and marketing campaigns to elevate UQ’s national and international teaching and research profiles;
- market research to inform marketing and recruitment strategies; and
- organisation of events and receptions involving UQ’s partners in business, government, other educational institutions, and the community.

OMC Web Services continued the redevelopment and ongoing management of internet-based information resources such as UQ News Online, UQ Experts, UQ Images, UQ Survey, UQ Media Chips, Programs and Courses, and UQ Events.

In 2006, the number of UQ websites covered by the content management system developed by OMC rose to 230.

OMC Web Services also continued the roll-out of user-friendly sites for people with disabilities, as well as technologies driven by wireless and hand-held mobile access.

Informing staff
Internal communications include an internet portal for staff and a variety of regular, web-based publications. They included:
- weekly publications UQ Update, NRAVS News produced at UQ Gatton, UQ Ipswich Update, Student and Administrative Services Weekly;
- the fortnightly Health Sciences Faculty Bulletin;
- monthly publications EPSA Faculty News, SBS News, Arts Newsletter, Library Links; and

Voluntary student unionism

In December 2005, the Federal Government passed legislation making it a condition of grant that higher education providers could not require compulsory membership of a student organisation and could no longer charge students a services and amenities fee after July 1, 2006.

UQ established a working party in 2006 to consider issues arising from the voluntary student unionism (VSU) legislation and to examine the support the University could provide student associations.

Following its approval of the recommendations of the VSU working party, the UQ Senate approved the allocation of about $2 million funding a year to safeguard a range of important student services that would be affected by VSU.

The funding will enable UQ Union and UQ SPORT to provide essential services to all students, including:
- confidential advice, advocacy and support services to students on a range of issues, including grievances, misconduct, exam arrangements, and harassment and discrimination;
- legal services, such as advice on IP concerns, wills and powers of attorney, minor criminal and civil disputes, discipline appeals, and residential tenancy agreements;
- the Safety Bus service, operating as an integral part of the UniSafe program;
- an agreed schedule of services to UQ Ipswich and UQ Gatton;
- welfare services, such as crisis and personal support, assistance with Centrelink, Austudy or Youth Allowance;
- services for international students;
- student representation on UQ boards and committees; and
- basic support for student recreational and cultural activities through clubs and societies.

Master of Science (Chemistry) graduate and current PhD student Cecile Cros. Cecile is an international student from New Caledonia. Her PhD project is on nasal delivery of central nervous system compounds. The aim is to create a system where drugs are delivered through the nose. That would overcome problems of degradation of peptides in the gastro-intestinal tract and avoid the blood-brain barrier, a tight enzymatic barrier protecting the brain.
Campus developments

Several projects were launched or completed in 2006 to improve facilities at various UQ campuses. The high standard of previous developments was recognised through professional awards. We:

- completed the Australian Institute of Bioengineering and Nanotechnology ($74 million);
- completed an extension to the Biological Sciences Library ($13.4 million);
- completed accommodation at Rockhampton Hospital for medical students ($3.5 million);
- began construction of the Queensland Brain Institute ($62 million);
- began construction of General Purpose North Stage 4 ($53.7 million); and
- began construction of the UQ Centre for Clinical Research at Herston ($66 million).

Maintenance projects continued to be a major focus for UQ. We:

- continued addressing our backlog maintenance program by completing projects to the value of $4 million, including maintenance of the sandstone on the Great Court buildings;
- undertook several projects to remove asbestos, including from the Duhig Tower ($1.3 million); and
- completed projects to comply with water restrictions ($220,000).

Engineering and infrastructure achievements included:

- infrastructure upgrades in the Campbell Road and Research Road precincts ($850,000);
- replacing a water main on Sir Fred Schonell Drive ($471,000); and
- installing a new chiller station in the northern precinct ($611,000).

Numbers by campus

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St Lucia

Construction started on the General Purpose North 4 (GPN4) building comprising six levels totaling 10,500sqm. The new building is on a site north of Duhig Central (previously the Central Library building) and bounded by University Drive and Campbell Road. Once completed, the building will accommodate the Institute of Continuing & TESOL Education and 2500sqm of teaching space.

UQ buildings featured in five awards at the 2006 Queensland Architecture Awards given by the Royal Australian Institute of Architects (RAIA).

Conversion of the former Mayne Hall into the James and Mary Emelia Mayne Centre at UQ’s St Lucia campus secured three of the State’s top public architecture awards including:

- the FDG Stanley Award for Public Building Architecture to Wilson Architects;
- an RAIA (Queensland) conservation award; and
- an award for public buildings.

Wilson Architects also received an Architecture Award for Public Buildings for the University’s $24 million Sir James Foots Building.

The interior architecture award went to m3architecture for its fit-out of several levels of the UQ Chemistry Building.

UQ Ipswich

Wilson Architects won a commendation at the RAIA Awards for its work on Building 8 at the Ipswich campus.

Health Sciences clinics in audiology and other allied health disciplines were established at the Ipswich campus.

The Boilerhouse refurbishment project at UQ Ipswich earned a silver award in the Queensland Heritage Council Awards. The award went to UQ and Suter Architects for the adaptive re-use of the 1913 building. The Boilerhouse was judged to be successful in creating a modern facility while effectively retaining its historic links.

UQ Gatton

The Federal Government’s VSU legislation led to plans being shelved for a $3.5 million development at Gatton campus. The new fitness and aquatic centre was postponed due to a significant loss of funding resulting from VSU.
The Federal Government has promised to establish an $80 million fund for university sports facility maintenance and development in a bid to plug the gap left by the VSU legislation. UQ SPORT will work with other university sport bodies to gain access to the fund and bid to reinstate the Gatton project to benefit the campus and the community.

The Faculty of Natural Resources, Agriculture and Veterinary Science (NRAVS) continued with plans to relocate the School of Veterinary Science to the Gatton campus, replacing ageing facilities at St Lucia.

The Veterinary School will be built in a location that will allow easy public access and incorporate a small animal clinic, equine hospital, administration block and research and teaching laboratories.

The faculty is seeking support from government and industry to assist. The relocation is expected to be completed by 2009.

Work continued on development of a world-class facility for research into livestock health and production at UQ Gatton. The $33 million Centre for Advanced Animal Science (CAAS) is being established in partnership with the Queensland Department of Primary Industries & Fisheries to further research into animal nutrition, diseases and vaccines, biotechnology, animal welfare and food quality and safety.

Other sites
Construction began on a $66 million, seven-storey building for the UQ Centre for Clinical Research at the Royal Brisbane and Women’s Hospital, Herston. The centre is being funded by The Atlantic Philanthropies, the Queensland Government and the University. It will accommodate around 320 researchers whose work will improve disease prevention and deliver better care and results for patients. The centre is due to open in late 2007.

The outside area of the restaurant at the Customs House in the Brisbane CBD was refurbished to include a glass-roofed area and to make a single level from the former split-level space.

For a second year in a row, UQ’s Moreton Bay Research Station achieved the prestigious Green Globe Benchmarked Certificate recognising the station’s commitment to operating at the world’s highest environmental standard.

UQ’s greatest environmental achievement in 2006 was in an area of high environmental and social concern – water management.

During the year, work to conserve water continued under UQ’s Water Efficiency Management Plan covering all campuses and sites.

Despite rapid growth in the University’s building portfolio, the plan has seen UQ reduce overall monthly water consumption from 90,000 kilolitres in March 2005 to 50,000 kilolitres by February 2006, the latest data available.

The St Lucia campus alone recorded a 27 percent reduction in water consumption for 2005–06, making the University the top water saver in the Brisbane City area for the year.

Under level four water restrictions introduced during the year, UQ is required to have water-efficient toilet pans, taps and showers in place by June 30, 2007.

Audits were conducted in 2006 in every building at every campus and UQ site to ensure all facilities were compliant with level four water restrictions. Installation of new water meters continue to ensure all significant areas are monitored and measured.

Water-management plans for St Lucia and Gatton campuses were updated in December 2006 and plans for Ipswich campus, the Pinjarra Hills site and the UQ Dental School will be completed by March 2007.

Several sites have already reduced water usage in excess of requirements under level four restrictions. The larger sites are expected to continue to reduce consumption as buildings are retrofitted with water-efficiency devices and water-saving projects implemented.

Environmental initiatives
There have been 31 buildings retrofitted with low-flow pans, urinals, taps and showers.

At the end of 2006, a total of 250 old-style, 11-litre and nine-litre cisterns had been replaced with new 6/3 litre dual-flush cisterns, 90 urinal sensors had been installed, and 390 in-line flow restrictors had been fitted to hand basins.

During 2006, there were no environmental incidents requiring notification to any agency. As the University views even one breach as unsatisfactory, this result meant compliance with the performance indicator of no penalties for the year.

Environmental plans for 2007

• A greenhouse gas abatement plan will be developed to be implemented from 2008.
• The possible purchase of green energy will be examined.
• Water tanks will be installed in key areas at all campuses for feeding back into toilets and for local irrigation.
• Reducing potable water consumption by reticulating recycled water through air conditioning cooling towers will be investigated.
• Waste audits will be conducted at the St Lucia, Gatton and Ipswich campuses to monitor and reduce the amount of recyclables going to landfill.
• Clinical waste-collection processes will be reviewed to help reduce the risk of contamination by hazardous materials.
Energy consumption in 2006 was a little lower than predicted, however off-peak consumption did not decrease as a percentage of peak consumption. Recycling improvements implemented by UQ in 2006 included:
- a new polystyrene recycling system;
- increased collection points for recyclable items;
- progressive introduction of uniform recycling systems across all campuses and sites; and
- installation of highly visible general waste and recycling bin enclosures at the St Lucia campus.

Waste audits comparing 2005–06 figures with those for 2001–02 showed a 52 percent reduction in paper in the general waste stream and a 58 percent reduction in glass, aluminium and plastic. That equates to a 42 percent reduction in recyclables going to landfill and a 32 percent reduction in waste going to landfill overall.

Although the audit results showed improvements in recycling at the University, they also highlighted that 30 percent of the waste generated in buildings is still paper and 40 percent of overall waste is recyclable through current recycling systems at the University, leaving considerable room for improvement.

The following environmental projects were undertaken or completed during the year:
- an agreement was signed between UQ and Gatton Shire Council to supply secondary treated effluent for paddock irrigation;
- treatment ponds at Pinjarra Hills were de-sludged to reduce the risk of overflow of incompletely treated effluent into local waterways and re-use the nutrient-rich sludges as soil conditioner on site;
- UQ Gatton opened the second stage of its 10-hectare environmental precinct at Lake Galletly jointly funded with Greening Lockyer;
- an ibis management plan was developed for the St Lucia campus;
- landscape management plans were completed for Ipswich campus and the Indooroopilly Mine, each focusing on developing alternative water sources and with the mine-site plan removing weeds and re-establishing original site vegetation;
- the St Lucia lake precinct was converted into an environmental area with all exotic plants removed and replanting carried out to a native landscape design; and
- the University’s green office program promoting sound environmental practices and energy efficiency was extended to a further 27 areas at the St Lucia campus.

Blueprint for green development

The completion of the Roche Laboratories and Aquaria at UQ’s Heron Island Research Station established a blueprint for future sustainable development projects.

The new two-storey laboratory was built over the footprint of the existing laboratory but was elevated above the ground to allow burrowing wedgetailed shearwaters (mutton birds) access to their habitat.

The facility contains eight laboratories over two levels and aquaria and deck areas for wet research activities.
Glossary

ABA Australian Breastfeeding Association
AEDA Applied Environmental Decision Analysis
AFP Australian Federal Police
AHRI Australian Human Resources Institute
AIFRS Australian equivalents to the International Financial Reporting Standards
AIBN Australian Institute for Bioengineering and Nanotechnology
AIESEC the leading global organisation for developing youth leadership
AM Member of the Order of Australia
AO Order of Australia
APA Australian Postgraduate Awards
ARC Australian Research Council
ARRHR Australian Rotary Health Research
ASCC Academic Staff Consultative Committee
ATIS Aboriginal and Torres Strait Islander Studies Unit
AUAIC Australian Universities International Alumni Convention
AWA Australian Workplace Agreement
BCEC Boilerhouse Community Engagement Centre
BnDF Bionano-products Development Facility
CALD Cultural and Linguistic Diverse
CARD Collaboration for Agriculture and Rural Development
CAS Chinese Academy of Sciences
CCB Central Business District
CEDF Community Development and Employment Program
CGS Commonwealth Grants Scheme
CICR Centre for Immunology and Cancer Research
CLB Commonwealth Learning Scholarships
CMC Centre for Microscopy and Microanalysis
CMR Centre for Magnetic Resonance
CNF Centre for Native Floriculture
COMET Commercialisation of Emerging Technology
CONRAD Centre of National Research on Disability and Rehabilitation
Convocation comprises all University graduates
Course formerly subject – part of a program
CRC Cooperative Research Centre – bodies funded competitively by the Federal Government and involving university, industry and other research groups
CTLC Collaborative Teaching and Learning Centre
CVBC Cooperative Venture for Capacity Building
DEST Federal Department of Education, Science and Training
EGAT Electricity Generating Authority of Thailand
ELI English Language Institute
ELICOS English Language Intensive Courses for Overseas Students
ESOL English for Speakers of Other Languages
ESS Employee Self-Service
FEAST Future Experiences in Agriculture, Science and Technology program, UQ Gatton
GMAA Graduate Management Association of Australia
Go8 Group of Eight – an alliance of eight research-strong, “sandstone” universities committed to ensuring Australian higher education institutions are world class
GPA Grade Point Average – a grading scale for University courses ranging from one (the lowest) to seven (the highest)
GPN4 General Purpose North 4 Building
GSCC General Staff Consultative Committee
HEESP Higher Education Equity Support Program
HEW Higher Education Worker
HEWRs Higher Education Workplace Relations Requirements
HPV Human papillomavirus
HR Human Resources
HRM Human Resource Management
HUPP Handbook of University Policies and Procedures
iCEVAL Institutional course evaluations
ICTE Institute for Continuing and TESOL (Teaching of English to Speakers of Other Languages) Education
IDLTM International Diploma in Language Teaching Management
IED International Education Directorate
IFRS International Financial Reporting Standards
IBBLP Institute for International Banking Law and Practice
IMB Institute for Molecular Bioscience
ION Institute of Neuroscience
ISSR Institute for Social Science Research
ITEE School of Information Technology & Electrical Engineering
JKMRC Julius Kruttschnitt Mineral Research Centre
MAIC Motor Accident Insurance Commission
MAPS Middleware Action Plan and Strategy Project
MARD Ministry of Agriculture and Rural Development
MBA Master of Business Administration
MCRF Minerals Characterisation Research Facility
MedTeQ Medical Diagnostic Technologies in Queensland
MIT Massachusetts Institute of Technology
my.UQ web portal for staff and students
mySi-net online enrolment facility (web interface of Si-net)
NAIDOC National Aborigines and Islanders Day Observance Committee
NCRIS National Collaborative Research Infrastructure Strategy
NHMRC National Health and Medical Research Council
NMR Nuclear Magnetic Resonance
NOAA National Oceanic and Atmospheric Administration
OH&S Occupational Health and Safety
OMC Office of Marketing and Communications (University)
OUEDR Office of University Development and Graduate Relations
Program formerly course (a qualification, eg, degree or certificate involving enrolment, study and graduation)
QBI Queensland Brain Institute
Qpac Queensland Performing Arts Centre
QTAC Queensland Tertiary Admissions Centre (central processing point for applications from people seeking entry to tertiary institutions throughout Queensland)
RAIA Royal Australian Institute of Architects
RAPID Researchers and Postgraduates Information Discovery
R&D Research and Development
REDI Renewable Energy Development Initiative
RMTDU Roma Miles Tourism Development Unit
RTO Registered Training Organisation
SCT Swinfen Charitable Trust
Si-net distributed administration system (PeopleSoft Student Administration System) facilitating data-viewing and updates
SMI Sustainable Minerals Institute
SPF Sun Protection Factor
SSMS School of Molecular and Microbial Sciences
SSS Student Support Services
TEDI Teaching and Educational Development Institute (University)
TESOL Teaching of English to Speakers of Other Languages (University)
TESVALS Teaching evaluations
TKE Teaching Knowledge Test
TQA Teaching Quality Assurance
TSXPO a tertiary studies exhibition held in Brisbane annually
UN United Nations
Universitas 21 international alliance of research-intensive universities, limited to 25 members worldwide and committed to best practice
UQ ACTS University of Queensland’s Advanced Concepts Teaching Space
UQH UQ Holdings Pty Ltd
UQSES University of Queensland Student Experience Survey
USDC University Staff Development Committee
VLP Virus-Like Particle
VSU Voluntary Student Unionism
WIM Work Injury Management

University faculties

Arts

BACS Biological and Chemical Sciences
BEL Business, Economics and Law
EPSA Engineering, Physical Sciences and Architecture

Health Sciences

NRAVS Natural Resources, Agriculture and Veterinary Science
SBS Social and Behavioural Sciences
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TEACHING AND RESEARCH SITES

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1. St Lucia campus
2. Gatton campus
3. Ipswich campus
4. Medical School, Herston
5. Dental School, City
6. Central Animal Breeding House, Pinjarra Hills
7. Waste Use Research Unit, Pinjarra Hills
8. University Mine, Indooroopilly
9. Julius Kruttachnitt Mineral Research Centre, Indooroopilly
10. Royal Brisbane and Women’s Hospital, Royal Children’s Hospital, Queensland Radium Institute, Herston
11. Greenslopes Private Hospital, Greenslopes
12. Mater Misericordiae Public Hospitals, Mater Hill Mater Misericordiae Private Hospital, Mater Hill
13. Princess Alexandra Hospital, Woolloongabba
14. The Park, Centres for Mental Health, Wacol
15. Prince Charles Hospital, Chermside
16. Queen Elizabeth II Jubilee Hospital, Coopers Plains
17. The Inala Health Centre General Practice
18. Mt Olivet Hospital, Kangaroo Point
19. Belmont Private Hospital
20. New Farm Clinic
21. Toowong Private Hospital
22. Wesley Hospital, Auchenflower
23. Logan Hospital
24. Redlands Hospital
25. Ipswich Hospital
26. Tooowoomba Base Hospital
27. Redcliffe Hospital
28. Roma Hospital
29. Murwillumbah/Tweed Heads Hospital
30. Caboolture Hospital
31. Nambour Base Hospital
32. Maryborough Base Hospital, St Stephens Private Hospital
33. Hervey Bay Hospital
34. Bundaberg Base Hospital, Mater Misericordiae Hospital, Friendlies Hospital
35. Gladstone Hospital
36. Rockhampton Hospital, Mater Hospital, Hillcrest Private Hospital
37. St Andrews Hospital
38. Sunnybank Private Hospital
39. Veterinary Science Centres
40. Pastoral Veterinary Centre, Goondiwindi
41. University Farm, Pinjarra Hills
42. Veterinary Practice, Dayboro
43. Veterinary Practice, Kenilworth
44. Mount Cotton
45. Dunwich, Stradbroke Island
46. Heron Island
47. Low Isles

Teaching Hospitals and Health Centres

Agricultural Science Farms

Marine Research Stations

Seismograph Stations

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33,655 enrolments
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