

# RESEARCH

## AT THE UNIVERSITY OF QUEENSLAND

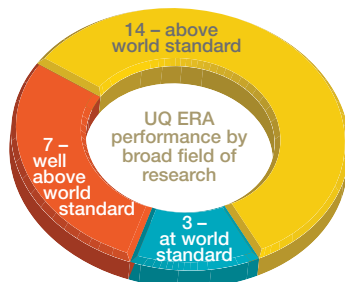
*The University of Queensland has received \$320.5 million in research grants in 2010, a strong growth in a difficult economic climate.*

UQ consistently ranks in the top 1 percent of world university rankings: The *Times Higher Education* and QS tables rank UQ in the top 100 universities globally, and the *Shanghai Jiao Tong University World Rankings* names UQ as a top 20 Asia-Pacific institution.

### EXCELLENCE IN RESEARCH FOR AUSTRALIA (ERA)

The Commonwealth Government's ERA 2010 National Report presents a comprehensive assessment of the research quality and research activity in Australia's higher education institutions. Notable results were:

- The University of Queensland is one of the nation's top two universities, measured on a combination of research quality and breadth.
- Research at UQ is above world standard in more broad fields than at any other Australian university (in 21 broad fields), which reflects UQ's leading global position in many areas of discovery.
- More researchers at UQ are working in research fields that ERA has assessed as above world standard than at any other Australian university.
- UQ's research in biomedical and clinical health sciences, technology, engineering, biological sciences, chemical sciences, environmental sciences, and physical sciences was ranked well above world standard (rating 5).



### UQ FELLOWSHIP HONOURS 2010

Australian Research Council (ARC) Federation Fellows	12
Australian Research Council (ARC) Laureate Fellows	6
National Health and Medical Research Centre (NHMRC) Australia Fellows	6
Australian Academy of the Social Sciences Fellows	44
Australian Academy of the Humanities Fellows	20
Australian Academy of Science Fellows	29
Australian Academy of Technological Sciences and Engineering Fellows	22

### ECONOMIC AND EDUCATIONAL IMPACT

In 2010, 4488 Research Higher Degree students were enrolled at UQ. A total of 474 PhDs and 61 MPhils were awarded.

UQ ranks first amongst Australian universities for license income, value of equity holdings and invention disclosures, new Australian patents and active start-up companies. UQ's main commercialisation company, UniQuest Pty Ltd, benchmarks in the top 10 percent globally for university-based technology transfer. UniQuest-licensed UQ innovations are now generating annual sales of \$3 billion, with 224 licenses facilitated in 2010. IMBcom and JKTech Pty Ltd provide additional services to molecular biosciences and the global minerals industry.

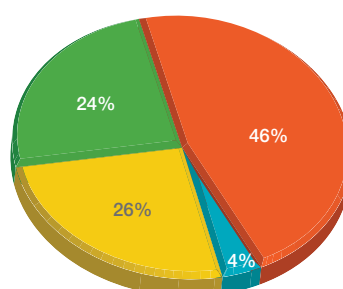
### COMMONWEALTH RESEARCH BLOCK GRANTS IN 2010

	\$ million
Joint Research Engagement	28.1
Research Infrastructure Block Grant	24.1
Sustainable Research Excellence	7.7
Commercialisation Training Scheme	0.5
Research Training Scheme	54.2
Australian Postgraduate Awards (267 new places)	14.1
International Postgraduate Research Scholarships (29 new places)	1.9

### RESEARCH FUNDING IN 2010

\$320.5 million total sponsored grants and contracts including:

	\$ million
Australian competitive grants	147.8
Other public sector research funding	79.8
Industry and other funding for research	81.2
Cooperative Research Centre funding	11.7





## RECENT MAJOR GRANTS

- \$36.4 million from the Australian Research Council (ARC) for the Centre of Excellence for Environmental Decisions (Director: Hugh Possingham) and the Centre of Excellence for Engineered Quantum Systems (Director: Gerard Milburn). Additionally UQ is a partner on three new ARC Centres of Excellence led by other universities with a combined budget totalling \$68 million
- \$21 million from the Australian Research Council (ARC) for the ARC Special Research Initiative in Stem Cell Science in partnership with eight Australian research organisations (Lead CI: Martin Pera, The University of Melbourne)
- \$11 million from the Australian Centre for International Agricultural Research (ACIAR) for the Pacific Agribusiness Research for Development Initiative (Lead CI: Steven Underhill)
- \$5.1 million for two ARC Linkage Projects; for research into the gap between expensive drugs that must be injected and cheaper oral treatments that create adverse side-effects (Lead CI: David Craik) and for research into coral reef ecosystems (Lead CI: Ove Hoegh-Guldberg)
- \$3 million from the Bill and Melinda Gates Foundation for several research projects on dengue fever, malaria and health diagnostics (various CIs)
- \$2.48 million from the Royal Children's Hospital Foundation for research on inflammatory airways disease in children with a focus on cystic fibrosis (Lead CI: Peter Sly)
- \$2.37 million from the Queensland State Government for the Queensland Sustainable Aviation Fuel Initiative (Lead CI: Lars Nielsen)
- \$2.13 million from the Australian Centre for International Agricultural Research (ACIAR) for Mango Value Chain Improvement (Lead CI: Ray Collins)

## RESEARCH INSTITUTES AND CENTRES

In partnership with government, industry and donors, UQ has developed eight globally recognised research institutes:

- Australian Institute for Bioengineering and Nanotechnology (AIBN)
- Global Change Institute (GCI)
- Institute for Molecular Bioscience (IMB)
- Institute for Social Science Research (ISSR)
- Queensland Alliance for Agriculture and Food Innovation (QAAFI)
- Queensland Brain Institute (QBI)
- Sustainable Minerals Institute (SMI)
- UQ Diamantina Institute (UQ DI)

Leading research centres include:

- Centre for Advanced Imaging
- Advanced Water Management Centre
- Australian Equine Genetics Research Centre
- Confucius Institute
- Centre for Critical and Cultural Studies

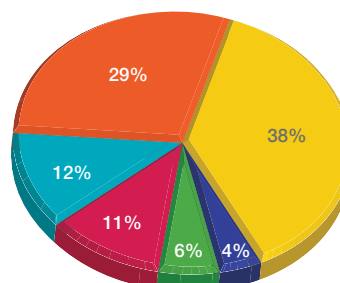
- The Ecology Centre
- Healthy Communities Research Centre
- Centre for the History of European Discourses
- Centre for Indigenous Health
- Centre for Integrated Preclinical Drug Development
- Key Centre for Human Factors and Applied Cognitive Psychology
- Centre for Microscopy and Microanalysis
- Centre for Military and Veterans' Health
- National Research Centre for Environmental Toxicology
- Terrestrial Ecosystem Research Network
- UQ Centre for Clinical Research
- Centre for Youth Substance Abuse

## UQ REVENUE 2010

Total Operating Revenue	\$1.41 billion
Total Research Support	\$451.1 million

## SOURCES OF UQ RESEARCH SUPPORT 2010

	\$ million
Commonwealth Government Research Funding	170.3
Commonwealth Government Research Block Grants	130.6
State/Local Government	54.3
Australian Industry and Other Contract/Grants	49.4
All International Funding	26.2
All Australian Donations, Bequests, Trusts and Foundations	20.3



Please note all funding is represented in AU\$ data/figures current as at June 30, 2011.

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