



RESEARCH AT THE UNIVERSITY OF QUEENSLAND

The University of Queensland is one of Australia's premier research institutions.

Emboldened by a record of success and the prospect of contributing to the answers to the world's great challenges, UQ people are aiming ever higher to deliver benefits to society and the environment worldwide.

These ambitions are underpinned by research excellence – a quality manifest in the rising number of peer-reviewed publications from UQ researchers.

It is a quality endorsed by global university rankings, which consistently rank UQ within the top 50 and top 100 universities worldwide.

	2012	2013	2014	2015
Academic Ranking of World Universities	90	85	85	77
THE World University Ranking	65	63	65	60=
QS World University Ranking	46	43	43	46=
Performance Ranking of Scientific Papers of World Universities	72	67	56	45
US News Best Global Universities Rankings	N/A	N/A	47	52

Outside research and academic circles, there is growing awareness of the impact of peer-reviewed quality research, and the advantages that come from partnerships with strong higher education institutions.

Partnerships can take many forms, including joint research and development centres, licensing deals, scholarships, internships, graduate employment programs, and philanthropic foundations.

Excellence-plus

Whatever their shape, these linkages have a multitude of beneficiaries, because they help ensure that great research results are used by people locally, nationally and internationally. This is sometimes called 'research translation' or, as we like to

say, 'excellence-plus', because it takes exemplary discovery and turns it into products or services that have meaning and value, in any language.

We are working to augment UQ's 'excellence-plus' factor, in order to lift our positive worldwide impact. Such improvements in output will give better returns to people who invest in UQ.

To optimise performance, we must expand the quality and scale of mutually-beneficial engagement with the private and public sectors. So, we have developed a new industry engagement strategy featuring a list of UQ's top 30 research strengths.

Our partners will share the benefits not only of top expertise and facilities, but also of UQ's improving academic reputation.

In the years ahead, we commit to working more effectively to build on UQ's inherent excellence, to continue nurturing and supporting talent, and to intensify UQ's positive impacts for humankind.

'EXCELLENCE-PLUS'

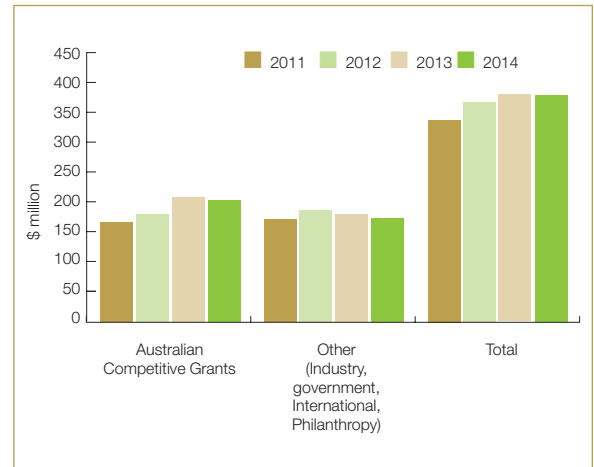
UQ research with far-reaching social, economic and environmental impacts includes:

- *Gardasil* – cervical cancer vaccine, approved for use in 121 countries
- *Triple P* – a preventatively-oriented parenting and family support strategy, available in 18 languages in 23 countries
- *Marxan* – conservation planning software used to support the design of marine and terrestrial reserves, used in more than 100 countries
- *GroundProbe* – UQ-developed technology used by the world's largest mining companies as best practice for active slope monitoring, is currently deployed at over 150 sites in 19 countries

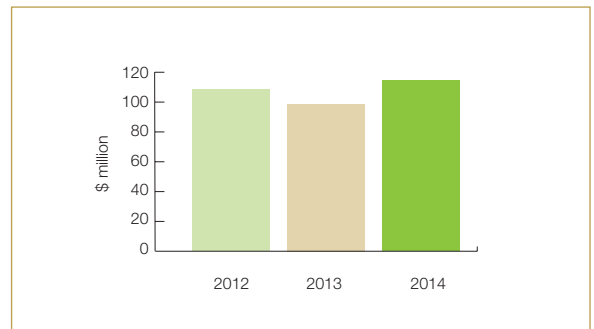


Research Strength	Research Power ¹	Full-time Equivalent Researchers	Research Income (\$million)	Publications
		As at 31 March 2014 UQ had more than...	Since 2008 UQ has received more than...	Since 2008 UQ has published more than...
Agriculture and Food Sciences	308	70	\$95.5m	1000
Applied and Theoretical Economics	210	50	\$18.5m	520
Biological Sciences	900	190	\$137m	2330
Business, Management and Finance	368	75	\$13.5m	880
Cancer Studies	245	45	\$87m	710
Chemical Engineering	311	60	\$59.5m	930
Chemical Sciences and Materials Engineering	436	85	\$78m	1760
Clinical Sciences and Experimental Medicine	1211	245	\$285m	5000
Communication, Media and Cultural Studies	224	45	\$8m	540
Ecology and Environmental Science	484	110	\$118.5m	1560
Education	181	40	\$16.5m	670
Environmental Engineering and Water Management	108	20	\$23m	270
Genetics and Genomics	179	45	\$76m	510
Human Movement and Sports Science	161	30	\$17.5m	670
Immunology and Infectious Diseases	311	60	\$83m	760
Information Systems and Computational Science	223	75	\$24.5m	1150
Law	172	40	\$4.5m	480
Literary Studies	152	30	\$4m	280
Mathematics and Statistics	178	40	\$17.5m	440
Mechanical Engineering	122	30	\$31.5m	500
Medicinal Chemistry and Pharmaceutical Sciences	442	110	\$99.5m	1310
Mining, Mineral Resources and Processing	258	65	\$105m	590
Molecular and Cellular Biosciences	726	180	\$186.5m	1130
Nanotechnology and Bioengineering	180	35	\$45.5m	524
Neurosciences	409	80	\$130.5m	830
Performing Arts and Creative Writing	96	20	\$1.5m	250
Physics	235	55	\$39.5m	860
Psychology and Cognitive Science	356	70	\$58m	1330
Public Health and Health Services	532	125	\$140m	2370
Social and Political Sciences	479	110	\$55.5m	1230

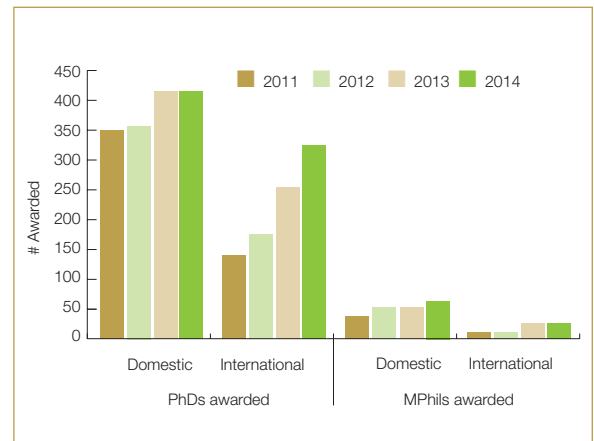
Research Funding



Research Funding from Industry



Research Higher Degree Awards



¹ Research Power is calculated by multiplying Full-time Equivalent Staff numbers in a field by the ERA rating (i.e. number of researchers active in field X assessed quality of that field)

Research Funding

	2011 (\$million)	2012 (\$million)	2013 (\$million)	2014 (\$million)
Australian Competitive Grants	\$166.5m	\$180.3m	\$208.8m	\$204.6m
Other (Industry, Government, International, Philanthropy)	\$172.2m	\$187.7m	\$173.0m	\$172.7m
Total	\$320.5m	\$368.0m	\$381.8m	\$377.3m

Education and Research Training

	2011	2012	2013	2014
Research Higher Degree students enrolled	3949	4330	4361	4447
PhDs awarded - Domestic	356	377	415	412
PhDs awarded - International	140	170	258	324
MPhils awarded - Domestic	39	54	53	68
MPhils awarded - International	18	13	26	25