

2017 UQ HIGHLIGHTS

From humble beginnings in 1910, The University of Queensland (UQ) has grown to become one of Australia's most respected teaching and research universities. 2017 saw our 250,000th student graduate, joining a global alumni network across more than 170 countries—creating change and delivering knowledge leadership for a better world.

Global excellence

In 2017, the excellence of UQ's performance was again confirmed by its high placement in global university rankings. UQ continued to rank among the world's top universities, and within the top 50 according to several key independent rankings.¹

UQ maintained its ranking of 55th globally and second in Australia in the prestigious Academic Ranking of World Universities (ARWU). In the ARWU subject rankings, UQ was named in the world's top 10 universities for six subjects (with 18 subjects in the top 50 and 36 in the top 100) and best in Australia in another six.

In 2017, UQ moved up four spots to rank 47th globally in the QS World University Rankings, was 45th in the *U.S. News* Best Global University Rankings (up from 52 in 2016), but moved to second place nationally in the *Nature* Index Table of Top Academic Institutions (although remained first in life sciences). QS also gave UQ a five-star rating with a global ranking of 49th and top in Queensland in 2018 for graduate employability.

In the Performance Ranking of Scientific Papers for World Universities, UQ was again ranked in the world's top 50, improving two places to rank 41st globally and third in Australia.

The 2018 *Times Higher Education* World University Rankings placed UQ 65th globally, down from 60th the year before.

UQ continued to be within the top 50 according to other measures, including 40th in the University Ranking by Academic Performance (URAP)—moving up one place from 2016—and 38th in the CWTS Leiden Ranking (moving up five spots from the previous year).² With a global ranking of 16, *The Economist* ranked UQ's Master of Business Administration (MBA) as the number one MBA program in Australia and the Asia-Pacific (and outside Europe and North America) for the sixth consecutive year.

In 2017, UQ's Vice-Chancellor and President Professor Peter Høj began his term as chair of the Group of Eight (Go8), a coalition of leading research-intensive Australian universities, of which UQ is a member.

Learning excellence

UQ maintained its position of having won more national awards for university teaching than any other university in the country, with six Australian Awards for University Teaching (AAUT) in 2017. Three UQ academics won Citations for Outstanding Contributions to Student Learning: Professor Anthony Cassimatis, Dr Lisa Fitzgerald, and Dr Poh Wah Hillock. Carl Sherwood won an Award for Teaching Excellence (Law, Economics, Business and Related Studies category), Dr Vincent Wheatley won in the Physical Sciences and Related Studies category, and the First-Year Chemistry Program won an Award for Programs that Enhance Learning (Innovation and Flexibility in Curricula, Learning and Teaching).

Associate Professor Roslyn Petelin was nominated as one of only 10 edX prize finalists worldwide, for her MOOC *Write 101: English grammar and style*.

UQ was selected as the host organisation for the 2017 China-Australia University Summit on Teaching and Learning (CAUSTL). With the theme of 'Disruption to higher education', the invitation-only conference attracted 70 delegates to the St Lucia campus.

UQ was a finalist in three categories of the 2017 *Australian Financial Review* Higher Education Awards: Education Technology (with UNSW, for BEST Network's Slice); Equity and Opportunity (for the Critical Thinking Project); and Industry Engagement (with Boeing, for the Boeing Research and Technology-Australia Technology Centre).

UQ also won the Outstanding Collaboration in Higher Education and Training 2017 Award category of the Business Higher

Education Round Table (BHERT) Awards for its *Biomedical Education, Skills and Training (BEST) network* project, and the Outstanding Collaboration in Community Engagement 2017 Award category for its *Plum pickings: transforming the native food industry; empowering Aboriginal communities* project.

The Graduate Outcomes Survey revealed that UQ graduates exceeded national averages in 2017 with a 73.9 per cent full-time employment rate and \$60,000 per annum starting salary.

UQ was awarded the maximum five-star rating for student demand, staff qualifications and learning resources in the *Good Universities Guide 2018*.

Student excellence

The 2018 round one of the New Colombo Plan Mobility Program was announced in August, with 42 UQ students receiving mobility grants to travel overseas.

UQ students also won many international scholarships in 2017, for example:

- UQ graduates **Jordan English**, **Steven Ettema** and **Heather Muir** were named 2018 John Monash Scholars and will be furthering their studies at Cambridge and Oxford universities in recognition of their leadership potential
- Humanities student **Damian Maher** won a Rhodes Scholarship to study a Master of Arts in modern and contemporary literature at Oxford University
- Amy Bergman** was selected as one of only eight 2017 laureates for the Embassy of France Nicolas Baudin Program to study at Sciences Po on exchange in France
- Thomas Lynch** was one of only two Australian students to receive the Princess Mary Scholarship to study in Copenhagen, Denmark

- Rhianna Eriksen** and **Xin Liu** received the German Baden-Württemberg Scholarship for their exchange to Eberhard Karls University Tübingen, Germany
- Yeo Kent Lee** received the Jasso Scholarship plus ¥80,000 to study at Kyushu University, Japan
- Alexander Williams** and **Kate Goodfruit** received New Colombo Plan (NCP) Scholarship funding for their exchange semesters in Indonesia and Japan
- six students were awarded Westpac Scholarships for their participation in UQ Abroad Student Exchange programs in China, Singapore and Hong Kong.

Joshua Shing Shun Li won the Science to Art Award in the 2017 NHMRC Research Excellence Awards.

Three UQ students featured in the Queensland International Education and Training (IET) Excellence Awards 2017: **Partha Narayan Mishra** from India, studying a PhD in engineering, won the Research Student of the Year; **Barani Ganapathi** from Switzerland/India, studying a Master of Occupational Health and Safety Science, won the Higher Education Student of the Year; and **Dorothy Sze** from Singapore, studying Bachelors of Medicine, Surgery and Science, received a special mention.

Award completions 2017 ¹	
Higher Doctorate	2
Doctorate by research	680
Doctorate by coursework	11
Master's by research	81
Master's by coursework	2763
Master's (Extended)	2
Postgraduate/Graduate Diploma	410
Graduate Certificate	742
Bachelor's (Honours)	2635
Bachelor's	5176
Associate Degree	11
Diploma/Associate Diploma (pre-AQF)	67
TOTAL	12,580

¹ Figures for 2017 are preliminary. Data will be finalised in mid-2018.



Students on the recent China Mobility Program in Shanghai for the UQ Idea Hub.

Total enrolments ¹				
	2014	2015	2016	2017 ²
Full-time internal	41,867	41,958	42,105	43,554
Part-time internal	7179	7244	7412	7140
External	1703	1628	1554	1635
TOTAL	50,749	50,830	51,071	52,329
Female	55.2%	55.0%	54.5%	54.9%
Male	44.8%	45.0%	45.3%	45.0%

¹ Female and male percentages may not add up to 100 as persons classified as X are not included.

² Figures for 2017 are preliminary. Data will be finalised in mid-2018.

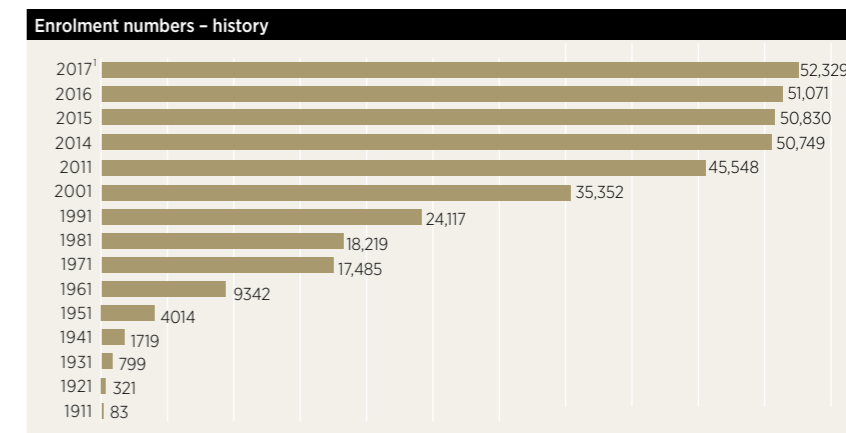
Campus enrolments				
	2014	2015	2016	2017 ¹
St Lucia	43,599	44,474	45,128	46,534
Ipswich ²	1931	878	410	136
Gatton	2089	2092	2061	2200
Herston	3130	3386	3472	3459
TOTAL	50,749	50,830	51,071	52,329

¹ Figures for 2017 are preliminary. Data will be finalised in mid-2018.

² UQ transferred the UQ Ipswich campus to the University of Southern Queensland (USQ) on 7 January 2015.

Enrolment by program				
	2014	2015	2016	2017 ¹
Doctorate by research	3975	4017	4064	3957
Doctorate by coursework	75	68	47	37
Master's by research	472	523	509	479
Master's by coursework	6735	7299	8327	10,143
Postgraduate/Graduate Diploma	868	747	707	704
Graduate Certificate	993	1146	1095	1149
Bachelor's	35,877	35,402	34,898	34,384
Associate Degree	65	102	103	123
Diploma/Associate Diploma	226	222	225	240
Enabling Course	318	336	335	307
Non-Award Course	1145	968	761	806
TOTAL	50,749	50,830	51,071	52,329

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¹ See research.uq.edu.au/about/research-overview/international-rankings for specific rankings and up-to-date information.
² Measured by the impact indicator (top 10 per cent) and ordered by P (top 10 per cent).

Discovery excellence

UQ maintained its strong reputation as one of Australia's top research-intensive universities in 2017.

The University's reputation for research excellence was again underpinned by its 55th global ranking in the Academic Ranking of World Universities (ARWU)—the most influential global university ranking. UQ is one of only two Australian universities to be included in the ARWU global top 60.

Of this year's successful Advance Queensland Innovation Partnerships (AQIP) applicants, UQ had more successful applicants than any other research institution, with six projects sharing \$4.2 million in State Government funding.

Internationally, UQ's research community continued to excel in quality and impact, contributing solutions to some of the great challenges of our time. UQ innovators have made genuinely life-changing advances over the years, including the life-saving Gardasil® and Cervarix™ cervical cancer vaccines, the Triple P – Positive Parenting Program, GroundProbe mine-safety technology, magnetic resonance imaging (MRI) image correction technology, and a potential new treatment for pain that is currently being developed by Novartis Inc after acquiring UQ spin-out company, Spinifex Pharmaceuticals Pty Ltd, in one of Australia's largest ever biotech deals.

In May, the Boeing Research and Technology-Australia Technology Centre relocated to UQ's St Lucia campus into purpose-built space in the Hawken Building, which includes laboratories and office space for an initial 35 Boeing research staff and a high-tech, open, student- interaction area. While the major focus of UQ's relationship with Boeing involves collaborative research, Boeing also provides a wide range of support for undergraduate programs.

In 2017, the \$31.9 million ARC Centre of Excellence for Engineered Quantum Systems (EQUS) began its second term and will focus on harnessing the quantum world for practical applications such as improving medical imaging technology.

UQ was awarded two Australian Laureate Fellowships commencing in 2017, with a total value of \$5.8 million. The new Australian Laureate Fellows are Professor Zhiguo Yuan, Director, Advanced Water Management Centre, and Professor George Zhao, School of Chemical Engineering.

The prestigious 2017 Queensland Government, Queensland Greats Awards recipients included Professor Perry F Bartlett, FAA, the inaugural Director of the Queensland Brain Institute (QBI), and Emeritus Professor Cindy Shannon, FQA, Pro-Vice-Chancellor (Indigenous Engagement) at UQ (since retired).

Three University of Queensland researchers were awarded prestigious Fulbright Scholarships and Fellowships: UQ music expert Professor Margaret Barrett, intellectual history and literature researcher Professor Tim Mehigan, and PhD student Victoria Reynolds.

In 2017, the Australian War Memorial launched a new interactive online exhibition called *The Art of Nation*. The virtual exhibition, which brings Charles Bean's World War I era vision for the Memorial to life for the first time, was achieved through the work of UQ researchers in conjunction with Ortelia Pty Ltd, which was established as a UniQuest startup in 2009.

UQ continued to participate in the Science in Australia Gender Equity (SAGE) Pilot of the Athena SWAN (Scientific Women's Academic Network) program. The pilot aims to address the under-representation of women in science, technology, engineering, mathematics and medicine (STEMM) disciplines using a rigorous evidence-based accreditation framework. UQ aims to achieve a Bronze Award in early 2019.

Engagement excellence

In 2017, UQ launched an historic philanthropic initiative with *Not If, When* – the Campaign to Create Change. This campaign illustrates the important role partnerships and philanthropy play in accelerating opportunities and tackling issues with global impact. It also highlights what donors have already achieved and what they can do in the future, such as supporting disadvantaged students, driving research and discoveries, and providing transformative learning environments that attract and retain the best and brightest students.

UQ alumni continued to epitomise the University's vision of knowledge leadership for a better world, with leaders in government, law, science, sport, commerce and the arts all making a difference around the world. Among these in 2017 were:

- **Julianne Alroe**, CEO and Managing Director Brisbane Airport Corporation, who was appointed as Chair of Infrastructure Australia
- **Adjunct Associate Professor Dimity Dornan, AO**, Executive Director and Founder of Hear and Say, who was announced as 2018 Queensland Senior Australian of the Year for her work helping children and young adults through bionic technologies
- **Alborz Fallah**, who was named UQ's Entrepreneur-in-Residence after turning a blog he started as a UQ student for a cost of \$35 into a business he later sold a stake in for \$35 million
- **The Honourable Mark McGowan, MLA**, who was elected as the 30th Premier of Western Australia
- 2014 Distinguished Young Alumni Award winner **Carl Smith**, who received a 2017 Walkley Award in the Young Journalist of the Year (longform) category for his radio series *Bionic Bodies*.

Donors, industry and community partners continued to choose UQ as their trusted partner in 2017 to support the areas and causes they were passionate about. Their generosity saw \$67.6 million raised to support students, research and teaching. In 2017, Annual Giving—gifts received from UQ alumni, staff and friends predominantly for amounts under \$1000—comprised more than 70 per cent of the total number of gifts to UQ. In total, donations from current and former UQ staff raised \$1,455,742. The UQ telephone engagement campaign also resulted in more than 1400 gifts to the University, 40 per cent of which were from first-time donors.

In 2017, UQ continued to engage its alumni by keeping them connected through global alumni networks, informing them about exciting new research developments, and providing examples of UQ's intellectual standards and academic rigour—as demonstrated through representation and participation in a wide range of conferences, seminars, executive missions, colloquiums and research projects in Europe, North Asia, Latin America, North America, South-Central Asia and South-East Asia.

UQ was also involved in many international development opportunities, including being the leading research provider for the Australian Centre for International Agricultural Research (ACIAR) with \$7.1 million of funded projects in Indonesia, Philippines, Myanmar and Vietnam.



The UQ Global Strategy and Partnerships Seed Funding Scheme co-sponsored 18 initiatives to develop mutually beneficial education and research outcomes, totalling \$169,727 across the US, UK, Germany, China, Indonesia, India, Chile and Singapore.

Vice-Chancellor and President Professor Peter Høj with Australian Prime Minister Malcolm Turnbull and Indian Prime Minister Narendra Modi at the reception held at Hyderabad House, Delhi, for the Australian Government Mission to India, April 2017.

Closer to home, UQ hosted several key conferences and business meetings, including the *UQ Changemakers with Andrew Liveris, AO* event in July that focused on how Australia can improve its competitiveness globally.

Secondary school liaison remained a key feature of the University's strategy for influencing student choice for UQ with a particular focus on regional areas in 2017. Open Days, school visits, scholarly programs, campus tours, teacher and guidance officer training, student mentoring and hands-on experience days were just some of the activities undertaken.

News dissemination also remained a key focus, with more than a million views of *UQ News* stories alone. Other media channels included the University's Facebook, Twitter, Snapchat, YouTube and Instagram accounts; official speeches and letters; blogs; video news items and academic articles in *The Conversation*.

Most popular UQ News stories for 2017		
Month	Story	Page views
January	'BioClay' a ground-breaking discovery for world food security	2837
February	Campuses jumping with O-week festivities	5342
March	'Australia's Jurassic Park' the world's best	8663
April	UQ leads Australia in ranking of top-10 rated subjects	5903
May	Remote cave reveals earliest Australians lived around 50,000 years ago	18,344
June	UQ cements global top-tier status with rise in QS table	7467
July	UQ gets six of the best	13,724
August	UQ holds firm in prestigious ARWU rankings	4369
September	UQ shines spotlight on research excellence	2212
October	U.S. News ranks UQ among world's top-50 universities	2187
November	\$32m boost for UQ research	5379
December	New UQ Brisbane city site open for business	1994
TOTAL	(ALL news stories for year)	1,042,516

HBIS Chairman Mr Yong Yu with Vice-Chancellor and President Professor Peter Høj at the HBIS signing ceremony for the partnership with HBIS Group in sustainable metals research.

