

## LATEST NEWS FROM THE UNIVERSITY OF QUEENSLAND

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### LEARNING

- L1** UQ has ranked number one in Australia and 110<sup>th</sup> globally in [Nature Index's 2018 Top institutions table](#), and number one in Queensland and 48<sup>th</sup> globally in the [2019 QS World University Rankings](#).
- L2** Twenty-four members of the UQ community were [recognised](#) in the Queen's Birthday Honours.
- L3** Professor Peter Visscher has [joined](#) the ranks of eminent scientists around the world with his election as a Fellow of the Royal Society of London.
- L4** Professor Bostjan Kobe has been [named](#) a Fellow of the Australian Academy of Science.
- L5** Professor Patrick Parkinson has been [appointed](#) the new Academic Dean and Head of School for the TC Beirne School of Law.
- L6** Professor Mark Cooper will [join](#) UQ's Queensland Alliance for Agriculture and Innovation as the Chair in Prediction Based Crop Improvement.
- L7** Dr Nasim Amiralian and Dr Caitlin Curtis have been [named](#) winners of the ABC's 2018 Top 5 science program.
- L8** UQ law graduate Rebecca Morrison was [awarded](#) the WLAQ Una Prentice Award for academic achievement.
- L9** UQ Pro Bono Centre is [partnering](#) with Civil Liberties Australia and Queensland Community Alliance to provide students with legal experience in human rights and civil liberties.
- L10** Industry partners have thrown their support behind UQ's Women in Engineering program, [prompting](#) a steady increase in women participating in undergraduate engineering studies.
- L11** UQ law students were [recognised](#) for their academic excellence and community outreach at the annual UQ Law Awards.

### DISCOVERY

- D1** UQ research into antibiotic resistance links between nursing homes and hospitals has [received](#) a \$1.8 million government funding boost.
- D2** An anonymous donation of \$500,000 will [fund](#) Australia's first dedicated aphasia rehabilitation and research centre.
- D3** Genetic research aimed at improving healthcare will be the [focus](#) of UQ's new \$6.6 million Genome Innovation Hub.
- D4** Healthy ageing and wellbeing is the [focus](#) of a new community-based clinic at UQ.

- D5** A specialist rehabilitation and surgery centre has taken a major step [forward](#) with the formal signing of a 20-year partnership between Metro North Hospital and Health Service and UQ.
- D6** A UQ research project to revolutionise the treatment of wastewater has [won](#) a national research innovation prize.
- D7** An innovative bridge construction technique created by UQ engineers has [won](#) the inaugural World Innovation in Bridge Engineering award.
- D8** A cheap and effective tool that could save lives by helping health authorities target mosquitos infected with Zika virus has been [developed](#) by UQ researchers.
- D9** Evolution may be [responsible](#) for a range of complex traits, including height and weight-to-hip ratio, and diseases such as schizophrenia.
- D10** A simple method to determine if fossil fuel producers are on track to meet global emission reduction targets has been [developed](#) by UQ researchers
- D11** A tax on sweetened drinks would [save](#) \$666 million in oral health costs over a decade.
- D12** Lesbian, gay and bisexual Australians [suffer](#) more health problems in areas where most people voted against same-sex marriage.
- D13** Australian women are [undergoing](#) unnecessarily invasive hysterectomies due to a lack of contemporary surgical skills among gynaecologists.
- D14** Physicists have [invented](#) a flux capacitor that will have important applications in communication technology and quantum computing.
- D15** Global tourism is a significant and growing [contributor](#) to greenhouse gas emissions.
- D16** Another piece of the puzzle that is non-alcoholic fatty liver disease has been [solved](#) by a UQ researcher in a step towards developing treatments.
- D17** One-third of the world's protected land is [under](#) intense human pressure.
- D18** A new technique that can generate quantum behaviour in a millimetre-sized drum has been [developed](#) by researchers from UQ and Imperial College London.
- D19** The amount of algae on a coral reef is [influenced](#) by interaction between light and temperature, as well as by human impacts.
- D20** Wage growth in Australia has [slowed](#) significantly over the past five years, with an ageing population a key contributing factor.

## ENGAGEMENT

- E1** UQ is set to become the first major university in the world to [offset](#) 100 per cent of its electricity usage through its own renewable energy asset.
- E2** UQ will be [smoke-free](#) from 1 July 2018.
- E3** UQ has [created](#) more than 100 spin-out companies based on UQ research since 1988, with most addressing unmet medical needs.

- E4 Australian athletes have [partnered](#) with UQ scientists to support research into the effects of concussions.
- E5 UQ is [part](#) of a global mapping and monitoring partnership using satellite imagery and big data processing to respond to the crisis facing coral reefs.
- E6 UQ students from seven countries [raised](#) \$6000 for Cancer Council Queensland.
- E7 Dr Derik Steyn [leapt](#) from a Brisbane bridge to raise funds for a charity supporting people living with Motor Neurone Disease.
- E8 UQ researchers [took](#) their science to the pub as a part of [Pint of Science](#).
- E9 UQ researchers are [offering](#) free self-compassion training to help self-critical parents cope with the everyday stressors of parenthood.
- E10 UQ will [replace](#) 46 high-risk trees on the St Lucia campus over the next six months.
- E11 UQ [invited](#) the community to join staff and students in forming the word 'sorry' as part of activities to celebrate National Reconciliation Week.
- E12 A giant spiral across Brisbane's skyline was [reflected](#) on the ground by students in UQ's Great Court to mark International Museum Day.
- E13 Budding plant scientists from Nanango State High School [won](#) the Overall Grand Champion prize at the UQ Sunflower Competition for the second year in a row.
- E14 The 34<sup>th</sup> UQ Great Court Race [took place](#) on Wednesday 23 May.

## VALE

The University was saddened by the deaths of UQ community members, including:

**Emeritus Professor Ronald Gates AO**, UQ Economics alumnus, died 26 April 2018.

**Mrs Gwenneth Pfitzenmaier**, UQ Psychology alumna, died 20 May 2018.

**Dr Gary O'Rourke**, UQ Medicine alumnus, died 20 May 2018.

**Mrs Rosemary Lohrisch**, UQ Pharmacy alumna, died 20 May 2018.

**Dr Michael Quayle**, UQ Economics alumnus, died 29 May 2018.

**Mr Max Schibrowski**, UQ Education alumnus, died 14 May 2018.

**Dr Gary O'Rourke**, UQ Medicine alumnus, died 20 May 2018.

**Mrs Moya Hickey**, UQ Communication and Arts alumna, died 29 April 2018.

**Professor Deidre Bradshaw**, Honorary Professor, Sustainable Minerals Institute, died 7 June 2018.