

LATEST NEWS FROM THE UNIVERSITY OF QUEENSLAND

LEARNING

- L1 UQ's reputation for global student exchange has helped [attract](#) 62 [Australia Awards – Endeavour Scholarships and Fellowships](#) for 2018, the most of any university in Australia.
- L2 Executive education and postgraduate study opportunities will be more accessible following the [launch](#) of UQ's new city site at 293 Queen Street, Brisbane.
- L3 UQ graduates have [garnered](#) some of the highest levels of employer satisfaction in Australia in the [Employer Satisfaction Survey](#).
- L4 High profile foreign correspondent Peter Greste has [joined](#) the UQ School of Communication and Arts as the UNESCO Chair of Journalism and Communication.
- L5 The UQx Massive Open Online Course (MOOC) program has [reached](#) two million enrolments, and is set to continue growing as it expands its MicroMasters offerings.
- L6 UQ is one of nine high-ranking universities to [launch](#) a “virtual exchange” that will allow students to gain program credits through select online courses.
- L7 After more than a century of graduations, UQ [celebrated](#) a major milestone in December: 250,000 graduates.
- L8 UQ is [offering](#) a range of new undergraduate and postgraduate study options in response to international and local demand.
- L9 Dr Vincent Wheatley, Carl Sherwood and UQ's First Year Chemistry Program were [recognised](#) at the Australian Awards for University Teaching Excellence.
- L10 Professor Michael Haugh and Associate Professor Greg Hainge, from UQ's School of Languages and Cultures, have been [elected](#) to the Australian Academy of the Humanities.
- L11 A powder extracted from the Kakadu plum has [earned](#) Associate Professor Yasmina Sultanbawa and her team a national award for community engagement.
- L12 The Australian Government has [awarded](#) scholarships to three UQ students as part of its New Colombo Plan 2018 round.
- L13 A passion for bringing English literature to the public has [led](#) to a Rhodes Scholarship for UQ student Damian Maher.
- L14 Three UQ graduates will further their studies at the distinguished Cambridge and Oxford universities after [winning](#) postgraduate scholarships.
- L15 Student entrepreneurs from UQ's Idea Hub [took on](#) Tel Aviv's world-leading startup scene in the exclusive UQ Startup Adventures.
- L16 UQ and [DXC Technology](#) have [partnered](#) to form the Queensland Neurodiversity Hub, which will provide students with autism greater access to employment opportunities.

- L17** The UQx MOOC program [Crime101x: The Psychology of Criminal Justice](#) collected a bronze award at the 2018 [Wharton-QS Stars Reimagine Education Awards](#).
- L18** UQ student Emma Sievwright is [rising](#) to the heat as a contestant in The Great Australian Bake Off.
- L19** The UQ Business School has had its Association to Advance Collegiate Schools of Business accreditation [renewed](#) for the fourth time.
- L20** Long-serving UQ Senate member Philip Hennessey and Professor Laurence Walsh have each [received](#) an Order of Australia in the Australia Day 2018 Honours List.
- L21** UQ has [appointed](#) a Chief Student Entrepreneur – Ben Coughlin to inspire and mentor young innovators.

DISCOVERY

- D1** UQ research into dementia, superbugs, painkillers, and children’s health will [benefit](#) from \$42.9m in [National Health and Medical Research Council](#) 2018 Project Grant funding.
- D2** An antibiotic overlooked since its discovery 40 years ago could help develop new drugs against some of the world’s most dangerous superbugs, UQ research [suggests](#).
- D3** UQ researchers have [found](#) that freckles and moles appearing on the iris indicate a high risk of melanoma, particularly in people under 40 years of age.
- D4** Wild rice growing in northern Australia’s crocodile-infested waters could help boost global food security, [say](#) UQ researchers.
- D5** Research to develop non-addictive analgesics that could potentially be used as alternatives to addictive opioid drugs such as codeine will be [undertaken](#) by UQ.
- D6** NASA experiments to grow wheat in space were the inspiration for UQ scientists to [develop](#) the world’s first ‘speed breeding’ procedures here on planet Earth.
- D7** Gossiping helps a person develop a better understanding of their society’s expected behaviours, researchers from UQ have [found](#).
- D8** Forty two babies are stillborn in Australia every week, and 60 per cent of them are recorded as “unexplained”, UQ researchers have [revealed](#).
- D9** Adding aspirin to some existing cancer drugs could increase their effectiveness against a group of tumours resistant to treatment, new UQ research has [shown](#).
- D10** New dipstick technology that enables pathogen detection and the rapid diagnosis of human, animal and plant disease has been [developed](#) by UQ scientists.
- D11** New UQ research [shows](#) that chronic stress suppresses the immune system’s response to cancer, reducing the effectiveness of immunotherapy treatments.
- D12** UQ researchers have new [insights](#) into how protective antibodies attack dengue viruses, which could lead to more effective dengue fever vaccines and drug therapies.

- D13** UQ researchers have [provided](#) fresh insight into the diversity of dinosaurs that inhabited the Australian-Arctic rift valley, having identified a dinosaur species discovered a decade ago.
- D14** UQ researchers [say](#) almost half of Australian families tracked in a 30-year study have experienced poverty as least once.
- D15** Inadequate oxygen levels during sleep can damage the brain and increase the risk of developing Alzheimer's disease, UQ researchers have [found](#).
- D16** Listening to white noise can increase your ability to learn news words, a study by UQ has [revealed](#).
- D17** The rollout of low aromatic fuel has contributed to significant and sustained reduction in petrol sniffing and associated health problems in Indigenous communities, UQ studies have [found](#).
- D18** Rising temperatures will put almost one quarter of trees in Australian cities at risk by 2070, [according](#) to a study involving a UQ researcher.
- D19** Exercise is an important part of recovery for people with brain injury, UQ researchers have [found](#).
- D20** Just three per cent of the Great Barrier Reef's coral may hold the key to regenerating reefs damaged after major disturbances, UQ research has [revealed](#).
- D21** Researchers from UQ have [discovered](#) that a key gene which controls flowering time in wheat and barley crops also directs the plant's root growth.
- D22** The female central bearded dragons are [hiding](#) a secret – their embryos temporarily grow the lizard equivalent of a penis during development.
- D23** A new and improved version of the 'love hormone' oxytocin has been [developed](#) by UQ researchers.
- D24** Neck pain is a common condition among office workers, but regular workplace exercise can prevent and reduce it, a UQ study has [found](#).
- D25** New UQ research [shows](#) that gay and lesbian couples tend to have higher-quality relationships than their heterosexual counterparts.
- D26** The degradation of coral reefs might have short-term benefits for some fish groups, but would be bad for fisheries long term, [according](#) to a UQ-led study.
- D27** Mimicking sleep processes in the awake brain of elderly people could prevent age-related decline in brain function, UQ research has [revealed](#).
- D28** Fleas from domestic pets are infesting native wildlife and feral animals in all continents except Antarctica, a new UQ study [reveals](#).
- D29** A new understanding of the complex ways in which general anaesthetics act on the brain could eventually lead to improved drugs for surgery, UQ researchers have [found](#).
- D30** Tiger sharks appear to be genetically monogamous – and it could be putting the species at risk, UQ research has [revealed](#).
- D31** An international review led by UQ researchers has [revealed](#) that predators and scavengers ranging from bats to leopards and vultures are valuable to human health and well-being.

- D32** A UQ discovery [has](#) deepened our understanding of the genetic mutations that arise in different tissues, and how these are inherited.
- D33** Tiny crystals that form deep in volcanoes may be the key for advance warnings before volcanic eruptions, UQ research has [revealed](#).
- D34** UQ experts are helping thoroughbred horse breeders combat a hairy caterpillar threat that [causes](#) abortion in mares and costs the Australian racing industry millions of dollars every year.

ENGAGEMENT

- E1** The \$31.9 million Centre of Excellence for Engineered Quantum Systems has been [launched](#) at UQ.
- E2** Qantas has [announced](#) the world's first biofuel flight between the United States and Australia, with UQ researchers helping to provide the fuel.
- E3** A new Centre for Horticultural Science has [launched](#) at UQ to respond to the demand for plant-based foods, vegetables, fruit and nuts that improve human health.
- E4** Distinguished scientist and "angel" investor Dr Jay Hetzel has been [appointed](#) chairman of UniQuest.
- E5** UQ Institute for Molecular Bioscience Director Professor Brandon Wainwright has been [appointed](#) to a Strategy Advisory Group supporting the \$100 million [Australian Brain Cancer Mission](#).
- E6** The state's future lifesaving leaders [strengthened](#) their beach and business skills at the UQ Surf Lifesaving Queensland Leadership Excellence Program.
- E7** Senior academics from China Nine and Australia's Group of Eight universities [gathered](#) at UQ for the China-Australia University Summit on Teaching and Learning.
- E8** Trailblazing earth scientist Professor Dorothy Hill's legacy of mentoring female scientists will [continue](#) to be celebrated following a donation from UQ.
- E9** A delegation of Queensland educators – including UQ's Director of Domestic Student Recruitment Steve Forster – [travelled](#) to New York in an effort to improve education prospects for students in Logan.
- E10** Bhutan Government officials [plan](#) to counter gender stereotypes and break down barriers to women's participation as decision-makers in the workplace after completing a course at UQ.
- E11** Twelve startup teams will be vying for victory during the 2018 Commonwealth Games after being [selected](#) for UQ's inaugural global HYPE UQ SPIN Lab sports innovation program.
- E12** Fifteen eastern longneck turtle hatchings [have](#) a fighting chance at life after they were rescued and incubated by a veterinary technician at UQ.
- E13** UQ welcomed 240 students in the Young Achievers [Program](#) to residential camps held at the St Lucia campus in January 2018.
- E14** St Lucia parkrun, supported by UQ Sport, will [launch](#) on Saturday, 24 March.

- E15** UQ alumni Jaclyn Narracott and Pita Taufatofua were selected to compete at the 2018 Winter Olympics in South Korea.
- E16** UQ researchers are combatting forecast [electricity price hikes](#) by developing a system to enable more households and businesses to produce renewable energy.
- E17** Law expert Professor Nicholas Aroney, one of five people to be [appointed](#) by the Prime Minister to an Expert Panel to examine whether Australian law adequately protects the human right to freedom of religion.
- E18** UQ rolls out the welcome mat to more than 10,000 new undergraduate and postgraduate students in a four-week long orientation [program](#).

VALE

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

Dr Raymond Hughes, UQ alumnus, died 7 December 2017.

Dr David Nimmo BEM, UQ Medicine alumnus, died 23 January 2018.

Sister Mary O'Connor, UQ Humanities and Social Sciences alumna, died 23 January 2018.

Ms Kathleen Cameron, UQ Nursing, Midwifery and Social Work alumna, died 22 December 2017.

Mr Victor Doig OAM, UQ Information Technology and Electrical Engineering alumnus, died 19 November 2017.

Mr Hemant Govekar, UQ Business alumnus, died 26 December 2017.

Reverend Dr Bruce Upham, UQ Historical and Philosophical Inquiry alumnus, died 19 January 2018.

Mrs Isabella Kearsley OAM, UQ Education alumna, died 21 January 2018.

Dr Joseph Baker OBE, UQ Chemistry & Molecular Biosciences alumnus, died 16 January 2018.

Mrs Patricia Gollschewski, UQ Humanities and Social Sciences alumna, died 6 January 2018.