

Year in summary

January

- UQ researchers develop what could be the first new class of antibiotics in 60 years, based on cannabidiol
- UQ emails offers to 4,073 students, bringing the total prospective students offered places to more than 9,500 - with high market share of ATAR 90+ applicants
- UQ invites Traditional Owners to attend bush tucker workshop at Gatton to consider business opportunities for food
- UQ researchers collaborate with scientists around the world to map more than 690 million celestial objects
- UQ macadamia researchers breed thinner shells for bigger kernels
- UQ commences the Celebration phase of *Not If, When* - the Campaign to Create Change

February

- UQ researchers discover the possible cause of dementia and that exercise can help prevent it
- UQ researchers link particular asthma subtype with dangerous influenza mutations
- 13,949 graduates from 2020 are given the opportunity to attend 19 graduation ceremonies that had been deferred from previous year due to pandemic
- The \$1.5 million 5-year ARC project *A deadly solution: Towards an Indigenous-led bushfood industry* is launched at UQ Gatton
- \$10 million Herston Biofabrication Institute opens at Herston health precinct with UQ as academic partner
- UQ researchers work on developing a chip that can detect early signs of a toxic immune response in cancer or COVID-19 patients
- UQ researchers work on the resuscitation of old antibiotics through the IMB Centre for Superbug Solutions
- UQ researchers discover a link between gut health and mental health
- UQ researchers find that low-calorie sweeteners promote transfer of antibiotic-resistant genes between bacteria
- *OCCURRENT AFFAIR: proppaNOW* exhibition commences at UQAM

March

- International students show a positive commitment to UQ with commencements 48.8 per cent higher than expected
- Domestic postgraduate interest increases with integrated campaigns delivered across UQ teams
- UQ student develops technology to enable prosthetic devices to be controlled by artificial intelligence
- QS World University Rankings ranks UQ top Australian university for Sports-related subjects for third year in a row
- UQ and QIMR researchers confirm the safety of sunscreen
- The 'hidden' continent of Zealandia is partially mapped by UQ scientists in collaboration with the Schmidt Ocean Institute
- *Soils for science* citizen science project is launched
- *Safe Blues* technology is trialed to estimate and control epidemics
- UQ researchers show that body-positive health campaigns are more successful than those with weight stigma messages
- UQ achieves international Silver STARS rating for its sustainability performance

April

- UQ researchers believe that immersive Virtual Reality applications are critical for speech pathologists to treat communication disorders
- UQ Senate approves UQ's first Modern Slavery Statement
- UQ researchers develop i-PATHWAY model to predict future childhood obesity
- UQ researchers find that e-cigarettes may be more effective in helping smokers quit than nicotine replacement therapies
- UQ Alumni Book Fair and Rare Book Auction is held at St Lucia
- QBI scientists determine that deep brain stimulation is effective in treating OCD
- UQ-developed battery is shown to charge phones/cars 70 times faster than lithium-ion batteries
- BASE facility opens at AIBN to produce mRNA vaccines and cancer therapies
- UQ celebrates the conclusion of the 2021 ilab Accelerator program by launching 12 new startups

May

- UQ's inaugural Scholarships Week is held at Gatton, Herston and St Lucia
- UQ media researchers call for urgent change to whistleblower protection laws
- Parliamentary inquiry supports UQ law professor's proposal for a multidisciplinary tribunal to manage parenting disputes
- UQ researchers find a new way to reduce scarring by blocking part of the healing process that forms the hard materials found in scar tissue
- Schonell Theatre closes temporarily due to asbestos and safety concerns
- UQ celebrates National Reconciliation Week and launches UQ RAP Network
- Staff consultation process begins for developing UQ's 2022-2025 *Strategic Plan*
- Former UQ Chancellor **Sir Llew Edwards** passes away at the age of 85
- Med-tech company and UQ Ventures ilab Accelerator startup, Audeara, is listed on Australian Stock Exchange for \$21 million
- UQ has 49 subjects ranked in world's top 100 (30.6 per cent in top 50) in Shanghai Rankings subject rankings

June

- UQ researchers help develop a needle-free COVID-19 vaccine using Vaxxas patch
- UQ researchers discover 37 per cent global reduction in crime since pandemic
- UQ researchers release report on pandemic-proofing the education system
- UQ Life Course Centre researchers link teen suicidal ideation with bullying
- In partnership with KPMG, UQ researchers find that 72 per cent of people don't trust Artificial Intelligence
- UQ PhD student documents new species of giant prehistoric crocodile, *Gunggamarandi maunala*
- UQ commemorates Refugee Week
- UQ researchers find caterpillar venom with promise for medicine and pest control
- UQ researchers find that ultrasound can overcome some detrimental effects of ageing and dementia
- DVA partners with UQ to trial *Active Choices* physical activity support program
- UQ scientists boost avocado production through plant stem-cell technology

July

- UQ social scientists become first to be awarded Facebook funding for social media research on hate speech
- **Andrew Flannery** commences in the role of Chief Operating Officer
- UQ receives more than \$15 million MRFF funding for 9 health research projects
- In collaboration with WEHI, UQDI researchers identify new-generation anti-cancer drug for medulloblastoma
- UQ researchers reveal that COVID-19 prevented 4.7 million holidays for Queenslanders, affecting mental health
- Andrew N. Liveris building is completed
- QBI researchers discover rare genetic mutation that can cause epilepsy; and refute claim that COVID-19 vaccine enters DNA
- In association with Victor Chang Cardiac Research Institute, UQ researchers discover that funnel web spider venom may help prevent heart attack damage
- UQ researchers develop rapid testing kits for both Hendra virus and ovarian cancer
- UQ is awarded \$5 million for ARC Industrial Transformation Training Centre in Bioplastics and Biocomposites
- UQ study reveals Australia one of only 3 countries globally to exceed 30 per cent female membership of company boards

August

- UQ Open Day, National Student Volunteer Week, UQ Sustainability Week, HDR Week and NAIDOC Week are held online
- International student commencements are 32.2 per cent higher than expected
- ICTE merges with UQ College
- will.i.am and Andrew Liveris AO deliver UQ community lecture
- UQU Arts & Culture Festival is held
- UQ begins Regional Roadshow to celebrate impact of UQ students, alumni and partners on their community
- UQ researchers discover new pterosaur; the source of healthy sugar in stingless bees' honey; and links between childhood trauma and addiction
- ARC awards \$995,000 to UQ Future Fellow to investigate support for people with disability into work
- UQ scientists begin researching magic mushrooms for mental health treatments
- UQ partners with Minderoo Foundation to measure toll of plastic pollution in humans

September

- R U OK? Day is held at UQ campuses
- **Rosie Stoke** wins UQ's 3MT Final
- Using UQ-developed mapping techniques, the Allen Coral Atlas project officially launches high-resolution coral reef maps
- Pfizer vaccine clinic opens at UQ St Lucia
- UQ Research and Innovation Week is held and includes launch of UQ Aboriginal and Torres Strait Islander Research and Innovation Strategy
- ACRF ACEMID is launched
- UQ announces 'version 2' of COVID-19 vaccine to start clinical trials in 2022
- UQ receives more than \$50 million NHMRC funding for 5 Centres of Research Excellence, 2 Partnership Projects and 29 Investigator Grants
- UQ scientists develop antiviral surface spray for added protection against COVID-19
- Kev Carmody House at St Lucia student accommodation opens for 2022 bookings
- Cane toad-busting technology is launched
- Former UQ Deputy Chancellor **Emeritus Professor Dr Mary Mahoney AO** dies

October

- Workday system is launched to manage UQ's enterprise resource planning and human capital
- Inaugural Deadly Noize concert is held at UQ St Lucia
- UQ hosts 14th Latin American Colloquium, third Giving Day and Courting the Greats
- UQ launches first stops of 'Philanthropy Trail' to recognise UQ's rich history of giving
- UQ researchers develop cheap and efficient solar cells
- In partnership with Motif Foodworks Inc, UQ researchers begin project to improve quality of plant-based 'meat' burgers
- IMB researchers identify Cavin3, a new pathway to target breast cancer
- UQ startup gets \$1.3 million international backing for liver disease treatment
- NHMRC funds UQ-led CRE to improve health/economic costs after traffic injuries
- UQ researchers develop unbreakable phone screens, COVID-19 calculators, and bionic shoe insoles
- The new Student Central service centre opens at St Lucia

November

- Teaching and Learning Week is held with the theme of *Inclusion* and attracts more than 870 participants
- UQ hosts the inaugural UQ-Japan Day
- *UQ Thanks You* celebrations are held to acknowledge staff
- UQ launches the Frontier Forum, a new space for research-backed conversations on major world developments
- UQ researchers develop national blueprint for screening melanoma; discover microbiome for preventing ear infections; and investigate how electric vehicles are powering the grid
- The UQ Agri-Food Innovation Alliance is established to boost Australian produce
- UQ researchers determine intelligence of octopuses
- UQ partners with Teslascope to develop electric vehicle technology
- Aggregate Ranking of Top Universities (ARTU) ranks UQ 42nd in the world

December

- New members are appointed to the 35th UQ Senate
- 15,628 students graduate from UQ in 2021, and 27 graduation ceremonies are held
- *Summer in Queensland* program is run for international students
- UQ launches *Strategic Plan 2022-2025*
- UQ researchers discover the exercise 'sweet spot' for reversing cognitive decline; and the benefits of ultrasound for inhibiting the development of Alzheimer's disease
- UQ Senate approves revised Student Disciplinary Framework
- UQ researchers link childhood trauma with psychosis, female 'first in family' with mental health issues, and Marvel superhero behaviours with positive ageing outcomes.
- UQ works with Google.org to develop world-first real-time bushfire hazard detection and warning system.
- UQ's international scholarship suite of 710 scholarships is launched for 2022.
- 110 Queensland students are selected to participate in UQ's 2022 Young Achievers Program.