

# Year in summary

## January

- UQ offers 3,735 tertiary places to future students in the major January offer round, bringing the Semester 1 offers total to 11,049
- UQ receives \$28.8 million in ARC 2022 Discovery and Linkage schemes
- Three UQ research projects are awarded National Health and Medical Research Council (NHMRC) Development grants
- UQ researchers discover how to unlock ways to fight *Listeria* infections, and how differences in brain structure are linked to chronic pain
- UQ Art Museum receives carbon-neutral certification for *Oceanic Thinking* exhibition
- UQ teams with Aurizon to research how rail network carbon emissions can be reduced

## February

- Ready to Teach Week is held for UQ teaching staff
- UQ researchers discover that eating selenium-rich foods could reverse the cognitive effects of stroke; feeling connected to nature may be genetic; unique birds have disappeared from 69% of Australia; and diseased male livers undergo sex change to self-protect
- UQ and Australian National University researchers find that cat-transferred diseases cause 8,500 hospitalisations per year
- Patina at Alumni Court restaurant opens at UQ St Lucia
- UQ Ally Network establishes new scholarships for future LGBTQIA+ students
- UQ researchers determine cattle age through tail-hair analysis

## March

- UQ South East Queensland locations close temporarily due to floods, with all teaching paused for a week
- Six UQ projects receive \$3.2 million in 2021 ARC Linkage Projects scheme (Round 2)
- UQ researchers find links between endometriosis and ovarian cancer, enabling identification of potential drug targets; identify a molecule essential for regulating the repair of damaged nerves; develop lithium-ion technology that could prevent flat batteries; discover a new gene that could extinguish fear-related memories for people with post-traumatic stress disorder; and find evidence that screen time adversely affects teen mental health
- Moderna selects UQ as a partner to research and develop vaccines for future global health threats
- Partnering with Jamie's Ministry of Food, UQ Wellbeing offers free 5-week online cooking classes to all UQ staff and students
- School of Education launches 3 new shorter form credentials for upskilling teachers
- UQ Employability Week is held
- The 27th Ancient History Day is held at UQ St Lucia
- UQ Wellbeing launches UQ Active & Thriving 4-week fitness challenge
- UQP and UQ Alumni Friends donate books to flood-damaged Lismore Library
- Malaysian High Commissioner thanks UQ for its support of Malaysian students during the floods
- Queensland startup company Eclipse wins iLab Accelerator Pitch Night for production of synthetic lactoferrin for baby formula

## April

- Clean Up Australia Day events are held
- UQ Regional Roadshow to Toowoomba is held
- Carpe Futurum, a youth forum to influence UQ's future research agenda, is held at the Global Change Institute
- Schneider Electric buys UQ-initiated IT-based sensor technology startup, Aurtra
- UQ researchers find non-English research is often overlooked or not published; develop data dashboard to track political advertising spending; find genetic link between childhood and adulthood anxiety and depression; develop wireless neuro-stimulator for managing neurological disorders; develop micro biopsy device to take tissue samples; develop app to protect bird species worldwide; and find that better patient care is needed after strokes
- Andrew N. Liveris building officially opens
- UQ, National Rugby League, Queensland Rugby League, Triple P and Central Queensland University launch Play Well program for children in Junior Rugby League
- UQ, James Cook University (JCU) and Curtin University share in \$242 million Resources Technology and Critical Minerals Trailblazer project
- Queensland Aphasia Research Centre opens at UQ Herston
- UQ Alumni Book Fair is held, raising more than \$129,000 for student scholarships and researchers

## May

- Anywhere Festival is held at UQ St Lucia
- UQ develops *The future world of work – an immersive digital experience* edX course
- UQ and Queensland University of Technology (QUT) researchers develop *Threatened Species* app
- UQ ranks sixth in world for WARPit, the furniture and equipment reuse program
- 2 UQx MOOCs rank in world's top 25
- UQ receives \$50 million funding from the Australian Government Universities' Trailblazer funding to lead FaBA project
- UQ researchers develop environmentally friendly spray to kill crop-killing whiteflies; discover the health benefits of people changing their minds; and reveal the history of the Great Barrier Reef's 8,000-year history of climate change
- Ignite Innovation Showcase 2022 is held
- UQ Pulse Chamber Orchestra participates in Opera Queensland's Festival of Outback Opera
- UQ Reconciliation Garden opens at Herston to acknowledge Indigenous heritage and flora
- School of Music launches new record label, Corella Recordings
- UQ hosts Native American Indigenous Studies Association conference
- Kev Carmody House is officially opened

## June

- UQ researchers discover bodybuilders risk developing muscle dysmorphia; obesity reduces age for knee replacement surgery; ocean floors could be a source of critical minerals for use in renewable energy; superworms can eat polystyrene; coffee is safe during pregnancy; female world leaders saw fewer COVID deaths in their countries; and humpback whales share songs
- UQ Poche Centre for Indigenous Health, Institute of Urban Indigenous Health and Metro North Health unite to form Research Alliance for Urban Goori Health
- UQ offers telehealth service for rural women with gynaecological cancer
- *The Economist* ranks UQ's MBA (Master of Business Administration) program number one in Australia
- UQ academic creates first artwork in the world to combine augmented reality game music with places in the community
- *Campuses on Country: UQ Aboriginal and Torres Strait Islander Design Framework* is launched
- UQ ranks 50th in QS World University Rankings

## July

- UQ promotes national NAIDOC Week
- Ready to Teach and Ready to Tutor Weeks are held for UQ academic staff
- UQ Gatton celebrates 125th anniversary
- UQ researchers identify gut bacteria strains that could help prevent bowel cancer; develop a method for protecting sheep from flystrike; note that high-intensity exercise can stave off dementia; and determine that doing things for others is key to finding meaning in life
- UQ Regional Roadshow to Warwick and Gatton is held
- UQ hosts 14 graduation ceremonies for 5,358 students
- ARC awards UQ 3 major grants to establish the ARC Training Centre for Environmental and Agricultural Solutions to Antimicrobial Resistance, the ARC Research Hub to Advance Timber for Australia's Future Built Environment, and the ARC Research Hub for Advanced Manufacture of Targeted Radiopharmaceuticals
- The Institute for Molecular Bioscience (IMB) and UniQuest announce that drug candidate from K'gari spider is licensed to Brisbane startup, Infensa Bioscience
- UQ invests \$50 million to support Health Research Accelerator (HERA) program
- UniQuest secures \$3 million MRFF funding for 4 biomedical startups
- Feeney Way opens at St Lucia, honouring the extraordinary philanthropists Chuck and Helga Feeney's contribution to UQ and more broadly
- UQ-IITD (Indian Institute of Technology Delhi) Research Academy enrolls its 100th student
- UQ wins Pacific Pathways to Brisbane 2032 - Pacific Sports Program bid

## August

- Deadly Noize concert is held at UQ St Lucia as part of UQ NAIDOC Week
- Great Court Race, Wear it Purple Day and UQ Sustainability Week are held
- Open Day/Back to UQ days at St Lucia and Gatton attract around 20,000 in-person and 1,000 online visitors
- Premier Anastacia Palasczuk officially opens UQ Brisbane City, 308 Queen Street, and launches The Queensland Commitment
- UQ Regional Roadshow visits Moreton Bay and Redlands, Roma, and Chinchilla
- ARC Centre of Excellence for Plant Success in Nature and Agriculture, ARC Industrial Training Centre for Bioplastics and Biocomposites, and ARC Centre of Excellence for Innovations in Peptide and Protein Science launch at UQ
- UQ researchers discover COVID-19 pandemic had a greater financial and psychological impact on women
- Ian Frazer Centre for Children's Immunotherapy Research opens
- 4th National Indigenous Art Triennial opens at UQ Art Museum
- UQ improves its position in the Shanghai Rankings ARWU to 47

## September

- UQ Research and Innovation Week is held
- Pfizer acquires UQ-developed ResApp technology for \$180 million
- UQ collaborates with several universities to create WildObs wildlife tracking system
- NHMRC awards 7 UQ researchers funding for research projects including \$2.5 million to establish Centre of Research Excellence for Urban Indigenous Health
- UQ researchers develop molecule chip manufacturing technology for use in medicines, vaccines and energy storage; discover that 'designer' compost could be used commercially; develop a tool to measure properties of lasers for better performance; find that online reporting of minor crime makes people feel less safe; COVID-19 affects heart tissue; crowded housing contributes to poor Indigenous health; metal compounds could cure drug-resistant fungal infections; and positive reporting on social media promotes teen drug and alcohol use
- US Department of Defense provides UQ with funding for melanoma research
- 15th UQ-Latin American Colloquium is held at St Lucia
- UQ Regional Roadshow to Townsville is held
- R U OK? Day is held at UQ campuses
- **Yunan Ye** wins UQ's 3MT Final

## October

- Sartorius partners with UQ's Advanced Biomanufacturing Nucleic Acid facility (BASE) facility to improve the manufacturing process of nucleic acid products
- UQ hosts fourth Giving Day, UQ Wellbeing Festival, BLOOM Festival and Courting the Greats
- UQ improves its position in the *Times Higher Education* World University Ranking to 53
- UQ researchers find water fluoridation is safe for children; baby boomers and young adults are most affected by housing shortage; genetics affects height; disadvantaged children may miss meals in rural childcare centres; wild animals can thrive alongside humans; whale song has meaning; cattle methane emission could be substantially cut; 'ice' use is increasing across Queensland
- UQ hosts TropAg agricultural conference
- UQ Regional Roadshow to Sunshine Coast is held
- Queensland Government announces that global medical technology group Stryker will establish its first Australian research and development facility in Queensland, with support from the Queensland Government, UQ and QUT
- NHMRC awards UQ \$2.84 million in grants to research in fields of hearing loss and intellectual disability

## November

- Teaching and Learning Week is held with the theme of *Learning for life* and attracts 1,162 participants
- UQ Regional Roadshows to Bundaberg and the Gold Coast are held
- UQ Art Museum hosts Ceremony: First Nations languages lecture and panel discussion
- UQ researchers discover possible treatment for COVID-induced brain disease; microplastics can carry viruses; pregnancies lower risk of endometrial cancer; sleep apnoea increases risk of dementia; pets are a proxy for human health; cyclists plan routes to reduce traffic stress; biting mosquitoes are attracted by person's smell; genome sequencing could curb hospital infections; employers discriminate against applicants with non-standard accents
- Queensland Digital Health Centre (ODHeC) is launched
- The Queensland Commitment philanthropic match is launched
- UQ celebrates Women's Entrepreneurship Day and announces LeadHers winners
- UQ announces proof-of-concept human trial for its second-generation molecular clamp vaccine
- UniQuest startup Cassowary Pharma begins work on hyper-targeted pain medication
- ARC awards UQ 3 Centres of Excellence worth \$105 million: Quantum Biology, Indigenous Futures, and Green Electrochemical Transformation of Carbon Dioxide
- UQ hosts first ever Blak market at St Lucia
- UQ is awarded \$4.3 million in National Soil Carbon Innovation Challenge
- Former PM Malcolm Turnbull AC delivers 2022 POLSIS lecture
- ARC Training Centre for Information Resilience is launched at UQ St Lucia
- UQ Diamantina Institute renamed the Frazer Institute in honour of Emeritus Professor Ian Frazer AC FRS
- 42 UQ researchers make Clarivate's Highly Cited Researchers list

## December

- *UQ Thanks You* celebrations are held to acknowledge staff
- 8,516 students graduate from UQ at 23 graduation ceremonies, bringing total for the year to 13,860 graduates at 37 ceremonies
- UQ, Sanofi, Queensland Government and Griffith University become partners in new global hub for mRNA vaccines, the Translational Science Hub
- QAAFI partners with the German Research Foundation, DFG, to establish the International Research Training Group for researching genetic improvements in cereal and pulse crops
- Sashing ceremony for Aboriginal and Torres Strait Islander students is held
- Inaugural Indigenous 3MT competition is held, won by **Amy Thomson**
- UQ researchers discover that Queenslanders cannot assess their intoxication levels; face masks reduce decision-making skills; male turtles are still in sufficient numbers to reproduce; kicking penalty goals in soccer can be improved; a needle-free malaria detection tool could save hundreds of thousands of lives annually; nasal mucous transplants may help those with chronic nose infections
- ARC approves 51 UQ Discovery projects worth more than \$25 million
- Safety trial for Alzheimer's ultrasound treatment begins in Brisbane
- QEM Ltd commences partnership with UQ on critical minerals project
- 'Topping-out' ceremony is held for new Plant Growth Facility at UQ
- The Institute for Social Science Research becomes consortium partner in the National Centre for Place-Based Collaboration
- 31 UQ researchers and research teams receive NHMRC grants.