



Dr Toni Johnson-Woods and Professor Stuart Crozier are among UQ's latest ARC Discovery grant winners



Associate Professor Zhiguo Yuan, who leads the nation's largest ARC Linkage project (\$4.7 million) at UQ

Federal funding recognises research achievements

The University has received more than \$46 million in Federal Government funding for research projects during the next five years.

UQ has topped the State and finished amongst the top four universities nationally in the latest round of the Federal Government's Australian Research Council (ARC) grants which were announced last month.

UQ received almost \$29 million to fund 71 research projects from next year under the ARC Discovery Projects scheme.

UQ's successful research projects span areas as diverse as memory, breast cancer, age-related degenerative disorders, mutations, optimising government structures and how the Papacy became powerful.

Other UQ topics to receive funding will investigate worker wellbeing, marine systems, Brisbane theatre, teacher competence, organic solar cells, hydrogen storage, clean coal technology, neuroscience, clean fuels and pulp fiction, attesting to the University's breadth and depth in research.

The University of Melbourne received the highest ARC Discovery funding (\$38 million) followed by The University of Sydney (\$34.5 million) and The Australian National University (\$30.8 million).

UQ received more funding than the combined value and number of all grants from all other universities in Queensland.

Minister for Education, Science and Training Julie Bishop announced more than \$300 million for 878 new research projects under the Discovery scheme.

UQ's largest single grant was a \$1.4 million award to Professor Stuart Crozier's team in the School of Information

Technology and Electrical Engineering, to improve medical imaging systems.

UQ also received one of the highest numbers of ARC Linkage Infrastructure, Equipment and Facilities (LIEF) grants out of 67 on offer nationally.

UQ's nine grants were valued at a total of \$4.24 million, with partner contributions of about \$5.6 million.

The University of Sydney and University of New South Wales had the highest number with 10 grants each.

UQ's LIEF grants included \$500,000 for phase 2 of the AustLit program, involving all works of Australian literature dating back to 1788.

The grant will enable the *Bibliography of Australian Literature* project to be completed in 2008.

Other ARC research grants included:

- A new project under the Discovery Indigenous Researchers Development scheme — Five universities successful in this \$1.12 million scheme. UQ received \$160,000 for a project describing the consequences of climate change on marine processes, harvested resources and ecosystems.

- Professor Hubert Chanson from the UQ Civil Engineering division received a three-year Discovery grant totalling \$285,000 for a water resource conservation project. His research will assess the engineering design of current spillways and urban drainage systems to provide efficient and economically sustainable solutions for infrastructure expansion and refurbishment which meet the growing needs of industry and urban and rural Australia.

UQ's Deputy Vice-Chancellor (Research) Professor David Siddle congratulated UQ researchers who had applied for grants under very competitive circumstances.

Four from five in Linkage grants

UQ has dominated the country's leading industry-oriented research grants scheme by securing \$13.7 million in Australian Research Council (ARC) Linkage Projects grants

It is the fourth time in the last five years that UQ has topped the Linkage research grants.

UQ won 22 percent of the \$62.3 million awarded under the scheme and received more than twice as much funding than the University of Sydney (\$5.5 million for 18 projects), the University of NSW (\$4.9 million for 18 projects) and Queensland University of Technology (\$3.2 million for 13 projects).

ARC Linkage grants are awarded biannually to link universities with industry, business and community organisations through research.

The round one money for 2008 will fund 25 new UQ research projects, which include about \$20 million in partner contributions.

Among the grants, UQ researchers will lead a highly strategic, \$4.7 million project with other universities and the water industry partners to create better technologies for odour and corrosion management in sewer systems.

This is the single, largest Linkage grant awarded nationally in the current round.

Other grants included:

- \$23,455 Linkage International grant to apply a method for accurately mapping shallow coastal environments.

- \$131,306 Linkage International Fellowship awarded for research in cell membranes and cellular calcium regulation in the peripheral nervous system.

UQ applied for 43 grants, with 25 grants awarded, translating to a 58 percent success rate.

UQ Deputy Vice-Chancellor (Research) Professor David Siddle said the funding recognised the strength of UQ researchers and the effectiveness of their links with industry.

View successful projects at: www.arc.gov.au/hcgp/lp/LP08_Rd1_list.htm