POSITION DESCRIPTION

Position Title: Research Officer - Statistician  
Organisation Unit: School of Veterinary Science  
Position Number: New  
Type of Employment: Full Time Fixed term  
Classification: Level A Research Focused

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver knowledge leadership for a better world.

UQ ranks in the world’s top universities, as measured by several key independent ranking, including the Performance Ranking of Scientific Papers for World Universities (43), the US News Best Global Universities Rankings (52), QS World University Rankings (47), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (65). UQ again topped the nation in the prestigious Nature Index and our Life Sciences subject field ranking in the Academic Ranking of World Universities was the highest in Australia at 20.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience – the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland’s highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia’s Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 50,000-plus strong student community includes more than 13,000 postgraduate scholars and more than 12,000 international students from 144 countries, adding to its proud 240,000-plus alumni. The University has about 7,000 academic and professional staff and a $1.8 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.
UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of $11billion+ (see http://uniquest.com.au/our-track-record).

UQ has a rapidly growing record of attracting philanthropic support for its activities and this will be a strategic focus going forward.

Organisational Environment

The Faculty of Science is an internationally recognised provider of world-class education and research. A research-intensive Faculty, with a gross budget in excess of $300M, employs approximately 1,500 continuing and fixed-term staff and teach around 6,000 full-time equivalent coursework students (EFTSL).

The Faculty teaches agriculture, biology, chemistry, earth sciences, food science, geography, marine science, mathematics, physics, planning, both environmental sciences and management and veterinary science, to undergraduate and postgraduate coursework students enrolled in a range of degree programs including science, engineering and health and medicine. The Faculty provides the community with the next generation of professionals and graduates who are sufficiently scientifically literate and numerate to be effective in understanding, managing and addressing complex problems, including those in energy, food supply, health, environment and sustainability.

Research conducted in the Faculty of Science includes fundamental research across a wide range of scientific disciplines and a vibrant portfolio of applied research, well linked to industry and government, particularly in its areas of Agriculture and Food Sciences, Geography and Earth Sciences, Ecology and Environment, and Veterinary Sciences.

The Faculty comprises six Schools: Biological Sciences, Earth and Environmental Sciences, Agriculture and Food Science, Chemistry and Molecular Biosciences, Mathematics and Physics, and Veterinary Science.

The School of Veterinary Science has a rich history, having been founded in 1936, and with a reputation for graduating highly capable veterinarians. The Veterinary Science program at UQ has full accreditation with the Australasian Veterinary Boards Council, the Royal College of Veterinary Surgeons and the American Veterinary Medical Association. The School also contributes to programs in veterinary technology and animal & veterinary bioscience. The respected QS World Rankings recently ranked UQ as 32nd in the world in the field of Veterinary Science. The School of Veterinary Science has high quality facilities at the UQ Gatton Campus, providing the teaching, research and clinical infrastructure and resources to further develop its strong reputation as a leading provider of veterinary training, research and clinical care.

The Veterinary Teaching Hospital is an organisational unit within the School that includes all of the School’s outstanding clinical facilities. UQ VETS Equine Hospital is largely referral based hospital with advanced facilities and offers a 24 hour emergency medical and surgical service. UQ VETS Small Animal Hospital boasts the latest in veterinary medical and surgical diagnostic and treatment options and a 24 hour Emergency and Critical Care service for small animals including wildlife/exotics. UQ VETS Dayboro is a mixed practice 45 minutes north of Brisbane servicing both commercial and hobby farmers offering a balanced mix of small and large animals. The UQ VETS Production Animal Service provides routine and emergency mobile veterinary services to farms within a 70-kilometre radius of UQ’s Gatton campus.

The UQ VETS Clinical Studies Centre facilitates and provides support to pre-clinical and clinical training in companion animals as well as a renowned research hub for clinical and
The Centre includes a 16-table surgical teaching facility, and is also used for veterinary continuing education events. The Clinical Studies Centre is also home to the School’s Pets-for-Life Adoption Program. UQ staff also supervise clinical placements at the RSPCA’s Brisbane Animal Care Campus, Wacol.

The UQ Veterinary Laboratory Services provides an efficient pathology service to the hospitals and other clients through our core disciplines of clinical pathology, anatomical pathology, microbiology and parasitology. It also provides laboratory support for veterinary teaching and research.

The Student Clinical Skills Hub houses a range of low and high fidelity models to reduce use of live animals and cadavers in teaching, and to enhance veterinary clinical skills training, as well as a simulated client communications laboratory.

Information about the Faculty and the School may be accessed on the School’s web site at https://veterinary-science.uq.edu.au/.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - http://www.uq.edu.au/current-staff/working-at-uq

The University of Queensland Enterprise Agreement outlines the position classification standards for Levels A to E.

DUTY STATEMENT

Primary Purpose of Position

The successful applicant will support research in the School of Veterinary Science through the design and application of statistical principles and techniques for collecting, organising and interpreting quantifiable data, and by using statistical methodologies to produce statistical reports and analyses.

The successful applicant will collaborate with researchers in the School, participating in and initiating research projects, contributing to applications for external research support, and publishing in high-quality journals. They will contribute to supervision of undergraduate and postgraduate students.

The position is also intended to provide support for the Head of School, School of Veterinary Science.

Duties

Duties and responsibilities include, but are not limited to:

Teaching and Learning

• Contribute to supervision of students at honours and postgraduate level.

Research

• Contribute to and initiate research projects in veterinary science
• Contribute to the conduct of research projects, through collecting, organising, analysing and interpreting quantifiable data, and by using statistical methodologies to produce statistical reports
• Collaborative writing of scholarly papers for publishing in high-quality refereed journals, and assistance with preparation of external grant applications

Service
• Foster the School’s relations with industry, government departments, professional bodies and the wider community
• Perform a range of administrative functions in the Institute
• Any other duties as reasonably directed by your supervisor

Other
• Comply with the University’s Code of Conduct (see the University’s web site at http://www.uq.edu.au/hupp/?page=24987).
• Comply with requirements of Queensland occupational health and safety (OH&S) legislation and related OH&S responsibilities and procedures developed by the University or School. (see the University’s web site at http://www.uq.edu.au/ohs/index.html?page=133956).
• Adopt sustainable practices in all work activities and comply with associated legislation and related sustainability responsibilities and procedures developed by the University (see the University’s web site at http://www.uq.edu.au/sustainability/responsibilities).

Organisational Relationships
The position reports to the Head of School.

SELECTION CRITERIA
• Degree in a relevant field of science
• Postgraduate degree (Masters or PhD) in science
• Demonstrated expertise and experience in statistics and their application to research, including collection, organisation, analysis and interpretation of quantifiable data and scientific report writing including research funding applications and research publications.
• Familiarity with mainstream statistical packages such as Stata, R, SPSS and others.
• Ability to work collaboratively with multidisciplinary research teams, with strong interpersonal skills
• Ability to work independently

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University’s Diversity and Inclusion webpage (http://www.uq.edu.au/equity) for further information and points of contact if you require additional support.

Accessibility requirements and/or adjustments can be directed to the contact person listed in the job advertisement.