

POSITION DESCRIPTION

Position Title:	Senior Lecturer/ Associate Professor/ Professor of Biostatistics
Organisation Unit:	School of Public Health
Position Number:	NEW
Type of Employment:	Continuing, Full-Time
Classification:	Teaching and Research Academic Level C/D/E

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 CWTS Leiden Ranking (32), the Performance Ranking of Scientific Papers for World Universities (40), the US News Best Global Universities Rankings (42), QS World University Rankings (47), Academic Ranking of World Universities (54), and the Times Higher Education World University Rankings (66). Excluding the award component, UQ is now ranked 45th in the world in the ARWU and is one of the only two Australian universities to be included in the global top 50.

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 53,000-plus strong student community includes more than 16,400 postgraduate scholars and more than 17,000 international students from 135 countries, adding to its proud 260,000-plus alumni. The University has more than 6,600 academic and professional staff (full-time equivalent) and a \$2.15 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+.

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

The University of Queensland's Faculty of Medicine is an internationally recognised provider of world-class education and research. The research-intensive Faculty has a gross budget of \$330 million of the total \$2.0B UQ budget. The Faculty employs over 1000 of the 6,600 UQ staff total, with a community of more than 4,200 non-salaried academic appointees and around 3,200 students.

The Faculty of Medicine offers Australia's largest medical degree program for graduates and school-leavers. Undergraduate and postgraduate programs are available in the disciplines of Medicine, Health Sciences, E-Health, Mental Health, Biomedical Sciences and Public Health.

The Faculty possesses enormous strengths spanning research, teaching, industry engagement and clinical practice in disciplines ranging from the basic sciences, biomedical research and development, to clinical trials and public health. Research projects within the Faculty have already led to discoveries with far-reaching social and economic impacts, including the revolutionary Gardasil (TM) vaccine for cervical cancer (Professor Ian Frazer) and a drug discovery EMA401 (Professor Maree Smith), a first-in-class oral treatment for chronic pain which through Spinifex Pharmaceuticals led to Australia's largest biotechnology commercialisation deal. Faculty staff include three highly cited authors, one Fellow of the Royal Society (FRS), three Fellows of the Australian Academy of Science (FAA) and 12 Fellows of the Academy of Health and Medical Sciences (AAHMS). The Faculty is a core member of Brisbane Diamantina Health Partners, the Brisbane-wide academic health science system.

Educational offerings in biomedical sciences, medicine and public health are informed and supported by research activity across a range of fundamental and clinical areas of importance including recognised strengths in cancer, skin diseases, brain and mental health, maternal and child health genomics and health services. Cutting-edge facilities such as the Herston Imaging Research Facility (HIRF), the UQ Centre for Clinical Research (UQCCR), our laboratories in the Translational Research Institute (TRI) and the new Children's Health Research Centre (CHRC) enable outstanding research outcomes and sharpen our understanding of cancer, autoimmunity, mental disorders, infectious diseases and neurological disease. Further details are available at www.medicine.uq.edu.au.

The School of Public Health

The University of Queensland was, in 1936, the first university in the English-speaking world to establish a Department of Social Medicine. This evolved in the 1950's to the Department of Preventative and Social Medicine and the School was formally established in 2001 to improve health outcomes through learning, discovery and engagement. The School of Public Health has recently been ranked as the top Public Health school in Australasia in the *US News Global* university rankings. We are a global leader in improving the health of populations in a changing and inequitable world.

The School's strategy is centered on academic performance and a commitment to excellence in teaching. We offer programs and courses in all major fields of population and public health to almost 1000 postgraduate and undergraduate students. Our MPH is the only accredited program in the Australasia and S.E. Asia region (APHEA and ASPHER) and one of the few to offer a dual MD/MPH degree. More than 100 research higher degree (PhD and MPhil) students actively contribute to the School's vibrant research culture while receiving comprehensive preparation for academic careers or leadership roles in public health.

Our research and engagement strategy is focused on making a real impact on some of the world's most pressing health challenges. Our major research and engagement themes are: health promotion; climate change and environmental health; mental health; blood borne viruses; women's health; and, health systems.

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

This position will take a leadership role in biostatistics teaching and research in the School of Public Health. The position will be required to demonstrate excellence in teaching, research, service and engagement, including a strong track record of supervising Higher Degree by Research students to completion, and of demonstrating impact in their research and engagement activities.

Duties

The duties and responsibilities include, but are not limited to:

Academic Level C

Teaching and Learning

- Coordinate courses, prepare and deliver lectures and tutorials, in both face-to-face and online modalities, and undertake assessment and marking for undergraduate and postgraduate courses.
- Develop innovative curriculum including online learning and alternative teaching methods and resources.
- Maintain and improve the quality of courses as measured through evaluation instruments to meet industry and educational standards.
- Act as Principal Supervisor to Higher Degree by Research students.
- Understand and apply University policies relevant to teaching and learning practice.

Research

- Make original contributions which expand knowledge or practice in the relevant discipline.

- Undertake independent and/or team research that where possible impacts on policy, practices and/or commercialisation resulting in national recognition and developing international recognition in the research area.
- Act as a chief investigator in applications for external research funding, which includes actively seeking, obtaining and managing research funding.
- Maintain an active and effective record of publishing in high quality national and international research journals, other appropriate refereed publications and conference publications.

Service and Engagement

- Perform a range of internal service roles, including a high level of collaboration and participation in decision-making and service on relevant committees.
- Advance external links by collaborating on external activities and sustaining relationships with industry, government departments, professional bodies and the wider community.
- Perform a range of administrative functions as required.
- Any other duties as reasonably directed by your supervisor.

Academic Level D

In addition to the above, a Level D academic will demonstrate leadership in:

- Teaching and Learning: application of new pedagogical approaches to improve teaching quality; mentoring of early career academics around teaching; development and mentoring of teaching teams;
- Research: an established national and growing international reputation; sustained research funding and leadership of a research team;
- Service and Engagement: leadership of school-based committees; leadership of external stakeholder partnerships in relation to teaching, research or engagement

Academic Level E

In addition to the above, a Level E academic will demonstrate leadership in:

- Teaching and Learning: biostatistics disciplinary leadership including responsibility for the quality of biostatistics teaching, and professional development of academics teaching biostatistics, as well as contributing to the discipline nationally and internationally;
- Research: have a sustained international reputation and externally funded research program with evidence of impact on policy and or practice;
- Service and Engagement: serve as Head of the Division of Epidemiology and Biostatistics, including active participation on the School Executive Committee, as well as contributions to the faculty, university and external professional bodies

Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including but not exclusive to:

- The [University's Code of Conduct](#).
- Requirements of the Queensland occupational health and safety (OH&S) legislation and related [OH&S responsibilities and procedures](#) developed by the University or Institute/School.
- The adoption of sustainable practices in all work activities and compliance with associated legislation and related University [sustainability responsibilities and procedures](#).
- Requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related [responsibilities and procedures](#) developed by the University.

Organisational Relationships

The position reports to the Head of Division (Levels C&D) or Head of School (Level E).

SELECTION CRITERIA

Academic Level C

- Completion of a PhD in biostatistics or statistics.
- An established profile in teaching and research in biostatistics.
- National recognition in biostatistics, with an internationally developing profile and an established record of publications in reputed refereed journal and presenting at conferences.
- Evidence of having key role in the advancement of biostatistics as part of methodological projects.
- Evidence that contributions have improved the quality of multi-disciplinary research projects.
- A strong record of successfully seeking, obtaining and managing external research funding.
- Evidence of a high level of quality teaching at undergraduate, honours and postgraduate level across a variety of settings, including small and large groups, and in face-to-face and online modalities.
- A strong track record of course coordination and participation in the development and continuous innovation of new programs, curriculum design and course material in biostatistics.
- A record of supervision of Honours and Research Higher Degree students to successful completion.
- A growing record of meaningful internal service roles in conjunction with a strong contribution to external activities.

Academic Level D

In addition to the above:

- Evidence of successful mentoring of early career academics in teaching, research and research supervision;
- An established national and growing international reputation including sustained research funding and leadership of a research team;
- Leadership of school-based committees and evidence of leadership of external stakeholder partnerships in relation to teaching, research or engagement.

Academic Level E

In addition to the above:

- Ability to lead strategic research agendas and research teams, with an outstanding international reputation and record of successfully seeking, obtaining and managing significant external research funding.
- Leadership in the development and continuous innovation of new programs, curriculum design and course material in biostatistics.
- An outstanding record of meaningful internal leadership roles in conjunction with a high level of leadership in external activities at a national and international level.

Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

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](#) for further information and points of contact if you require additional support.

This role is a full-time position; however flexible working arrangements may be negotiated.

Accessibility requirements and/or adjustments can be directed to recruitment@uq.edu.au.