POSITION DESCRIPTION

Position Title: Postdoctoral Research Fellow in Health Economics for NHMRC WaND
Organisation Unit: Centre for the Business and Economics of Health and School of Public Health
Type of Employment: Fixed term, 3 years
Classification: Academic Research Level A or Level B

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 (43), the US News Best Global Universities Rankings (42), QS World University Rankings (48), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (69). 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 52,000-plus strong student community includes more than 16,400 postgraduate scholars and more than 15,400 international students from 135 countries, adding to its proud 250,000-plus alumni. The University has more than 6,600 academic and professional staff (full-time equivalent) and a $1.75 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://uniqest.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 University of Queensland’s Centre for the Business and Economics of Health (CBEH) delivers leading economic evidence, analyses and insights to help policy- and decision-makers create sustainable healthcare systems that promote better patient outcomes and value for all Australians.

Through collaborative and customised research, CBEH aims to inform and improve how governments and care providers respond to and plan for the changing and complex healthcare needs of a diverse population.

The Centre is also building human capital and capability in the healthcare sector through postgraduate research opportunities and executive education programs for current and future leaders, focusing on change management, evaluation, resource allocation and innovation.

CBEH was established in 2015 and is a joint initiative of UQ’s Faculty of Business, Economics and Law, Faculty of Health and Behavioural Sciences, and Mater Research Institute-UQ.

To learn more about CBEH, please visit https://cbeh.centre.uq.edu.au.

Centre of Research Excellence in Women and Non-communicable Disease (CRE WaND): Prevention and Detection

Non-communicable diseases (NCD) – such as cardiovascular disease, cancers, and respiratory conditions – are now leading causes of mortality and morbidity among women. Many of the established risk factors for NCDs are shared with poor reproductive outcomes, and emerging evidence also points to the impact of reproductive factors, such as pregnancy complications, on NCD risk.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at https://staff.uq.edu.au/information-and-services/human-resources.

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

Primary Purpose of Position

Develop econometric models for health services use by women in Australia and the resource use implications of NCDs, including the expected benefits of preventive health strategies.

Duties – Level A

Duties and responsibilities include, but are not limited to:

- To develop econometric and simulation modelling to evaluate the current burden of NCDs and their resource use implications, and then quantifies the expected future benefits of an integrated preventive health strategy to reduce the impact of NCDs.
- Conduct statistical/econometric analyses of large datasets.
- Prepare manuscripts for publication in peer-reviewed journals.
- Prepare materials for presentation at seminars and national and international conferences.
- Contribute to the education of research higher degree, postgraduate coursework, and undergraduate coursework degree students.
- Foster the CBEH's engagement and relationships with external partners.

Duties – Level B

Duties and responsibilities include, but are not limited to:

- To lead and develop econometric and simulation modelling to evaluate the current burden of NCDs and their resource use implications, and then quantifies the expected future benefits of an integrated preventive health strategy to reduce the impact of NCDs.
- Conduct statistical/econometric analyses of large datasets.
- Prepare manuscripts for publication in peer-reviewed journals.
- Prepare materials for presentation at seminars and national and international conferences.
- Contribute to the education of research higher degree, postgraduate coursework, and undergraduate coursework degree students.
- Lead on interdisciplinary projects in women’s health
- Foster the CBEH's engagement and relationships with external partners.

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 will be jointly located in CBEH and the School of Public Health, under the supervision of Professor Brenda Gannon.

SELECTION CRITERIA – Level A

**Essential**

- PhD, or near completion of a PhD, in the area of health economics/health econometrics or relevant field.
- Demonstrated expert knowledge of modern econometric techniques for the analysis of observational data.
- Experience with the statistical analysis of large datasets and linked administrative data.
- Demonstrated high level communication, inter-personal and communication skills.
- Evidence of research activity, relative to opportunity.
- Familiarity and understanding of the health system.
- An ability to establish effect relationships and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies.
- Ability to work collaboratively with colleagues.
- High personal work ethic to complete tasks in a timely manner.

**Desirable**

- Evidence of publication in peer-reviewed literature.
- Evidence of prior engagement with external parties (e.g., clinicians, government, industry).
- Experience conducting research related to women’s health across the lifespan.
- Experience in the preparation of research proposal submissions to external funding bodies and evidence of success in securing research funding.
- Developed industry liaisons and professional contacts.
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives.

SELECTION CRITERIA – Level B

**Essential**

- PhD in the area of health economics/health econometrics or relevant field.
- Demonstrated expert knowledge of modern econometric techniques for the analysis of observational data.
- Experience with the statistical analysis of large longitudinal datasets and linked administrative data.
- Demonstrated high level communication, inter-personal and communication skills.
- Evidence of research activity including grant applications.
- Evidence of publication in peer-reviewed literature.
- Familiarity and understanding of the health system.
- An ability to establish effect relationships and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies.
- Ability to work collaboratively with colleagues.
- High personal work ethic to complete tasks in a timely manner.

**Desirable**
- Evidence of prior engagement with external parties (e.g., clinicians, government, industry).
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- Experience in the preparation of research proposal submissions to external funding bodies and evidence of success in securing research funding.
- Developed industry liaisons and professional contacts.
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives.

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

**Vaccinations and Immunisation**
It is a condition of employment for this role that if you are required now or in the future, to work or interact in Queensland Health clinical facility; or in an equivalent clinical health facility; or health care role; or will be required to perform work tasks that put you at risk of exposure to vaccine-preventable disease you are required to be immunised against, and remain immunised against, certain vaccine preventable diseases (VPDs) in accordance with the University’s Vaccinations and Immunisation Guidelines (PPL 2.60.08). The employee is required to provide evidence of immunisation against VPDs.
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.

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