POSITION DESCRIPTION

Position Title: Postdoctoral Research Fellow
Organisation Unit: School of Pharmacy
Position Number: TBA
Type of Employment: Fixed-Term, Full time
Classification: Research Academic Level A

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 $11 billion+.

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

Faculty of Health and Behavioural Sciences

The Faculty of Health and Behavioural Sciences is a world-class Faculty that has a coherent focus on health, well-being and behaviour change, underpinned by a strong commitment to interprofessional education and interdisciplinary research.

The Faculty presently consists of:

• School of Dentistry
• School of Health and Rehabilitation Sciences
• School of Human Movement and Nutrition Sciences
• School of Nursing, Midwifery and Social Work
• School of Pharmacy
• School of Psychology
• Centre for Youth Substance Abuse Research (CYSAR)
• RECOVER Injury Research Centre
• Queensland Alliance for Environmental Health Sciences (QAEHS)
• Centre for the Business and Economics of Health
• POuche Centre for Indigenous Health
• Southern Queensland Rural Health (SQRH)

More information about the Faculty is available at habs.uq.edu.au.

The School of Pharmacy

The School of Pharmacy is one of the largest Schools of this type in Australia with over 50 academic staff (including joint appointments with the community, hospital and government pharmacies) who are widely published internationally and have extensive research backgrounds. A team of 20 administrative, scientific and IT staff provide operational support, and over 50 people are employed through the School on research grants and other contracts.

The School of Pharmacy has experienced tremendous growth in student numbers, research productivity and professional pharmacy involvement over recent years. The School offers:

• Bachelor of Pharmacy Honours (4 years).
  The degree is taught in six integrated streams of study (Quality Use of Medicines, Dosage Form Design, Drug Discovery, Data Analysis in Pharmacy, Biological Fate of Drugs and Social and Professional Aspects of Pharmacy)
• Research-focused Major in Clinical and Experimental Therapeutics (on-course)
• Clinical Pharmacy and Pharmacy Practice (postgraduate – flexible delivery options)

The School has active research groups in areas ranging from Therapeutic Targeting, Pharmacometrics, and Pharmacy Education to Quality Use of Medicines. Research funds are obtained from government and private sources – UQ, ARC, NHMRC, Queensland Cancer Fund, Queensland Pharmacy Research Trust, Federal and State governments and the pharmaceutical industry. In 2010, the School of Pharmacy relocated to new, purpose built
facilities in Brisbane’s PACE (Pharmacy Australia Centre of Excellence) precinct adjacent to hospital, research and industry partners.

Details of the School’s activities may be accessed on the school’s web site at http://www.uq.edu.au/pharmacy.

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

To contribute to the design, conduct and analysis of experiments for various projects related to calcium signalling in cancer. The position will also contribute to student supervision for students undertaking Masters of Pharmaceutical Industry Practice, B.Pharm(Hons) Majors and PhDs in the laboratory. The expectation for this role is also to contribute to writing of papers and grant applications and to ensuring the laboratory maintains a high standard of compliance to Occupational Health and Safety legislation.

Duties

The duties and responsibilities include, but are not limited to

Research Focused Academic Level A

Research

- Develop a coherent research program and an emerging research profile.
- Work with colleagues and postgraduates in the development of joint research projects for competitive research funding support.
- Participate in applications for competitive research funding support.
- Publish or exhibit in high quality outlets (often in collaboration with colleagues).
- Assist in the supervision of Master of Pharmaceutical Industry Practice (MPIP) research students, Major/Honours students and Higher Degree by Research students (as appropriate).
- Review and draw upon best practice research methodologies.
- Prepare research publications and progress reports and participate in regular meetings to discuss project objectives, methodology and outcomes.

Service and Engagement
- Contribute to internal service roles and processes, including participation in decision-making and service on relevant committees.

- Perform a range of administrative functions as required.

- Any other duties as reasonably directed by your supervisor.

**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 Professor Sarah Roberts-Thomson, School of Pharmacy
**SELECTION CRITERIA**

**Essential**

Research Focused Academic Level A

- A PhD in the general area of molecular biology/biochemistry.
- An emerging profile in research in the discipline area of calcium signalling in cancer.
- Demonstrable technical skills in general and contemporary molecular biology techniques including cloning, gene silencing and genetic engineering by CRISPR and lentivirus production.
- Extensive experience in conducting advanced high throughput calcium assays
- Evidence of publications in reputed refereed journals and presenting at conferences.
- Evidence of training of research students

**Desirable**

- Evidence of contributions towards successfully obtaining external research funding
- Experience in internal service roles

**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](#) 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](mailto:recruitment@uq.edu.au).*