POSITION DESCRIPTION

Position Title: Senior Lecturer or Associate Professor – Physiology
Organisation Unit: School of Biomedical Sciences, Faculty of Medicine
Position Number: 3039027
Type of Employment: Full-time, Continuing
Classification: Teaching & Research Academic Level C or D

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

Faculty of Medicine

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 almost $300 million, employs approximately 1000 continuing and fixed-term staff (headcount), has a community of more than 4000 non-salaried academic appointees and around 3200 students (headcount).

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 Spinafex 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 and genomics. 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 Centre for Children’s Health Research (CCHR) 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.

School of Biomedical Sciences

The University of Queensland School of Biomedical Sciences is a distinguished centre for teaching and research in the academic disciplines of Anatomy, Developmental Biology, Physiology, Pharmacology and Pathology. The School has more than 40 full-time research and teaching staff and is one of the largest Schools of its type in Australia. It has links to other prestigious research centres on the St Lucia campus including the Queensland Brain Institute (QBI), the Institute of Molecular Bioscience (IMB) and the Australian Institute for Bioengineering and Nanotechnology (AIBN). Our diverse research provides an exciting
environment for national and international research fellows and higher degree students. It is concerned with advancing the understanding of how cellular mechanisms contribute to the function of the human body in health and disease. Details of the research interests of academic staff may be accessed on the school’s web site at https://biomedical-sciences.uq.edu.au/

In addition to its graduate research programs, the School teaches undergraduate students in Science, Medicine, and Health Sciences.

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

An understanding of Physiology is essential for the practice of medicine and the allied health professions. This position will be responsible for providing expertise and leadership, particularly in the teaching of Physiology within the Doctor of Medicine program and allied health programs, with an important emphasis on clinical relevance. The position will contribute to the teaching and mentorship of students and enhance the School’s scholarship profile. The appointee will be expected to undertake research in an area relevant to the discipline and consistent with the broad research directions of the School.

Duties

Duties and responsibilities include, but are not limited to:

Teaching and Learning

- Have a major role in the education and training of medical and allied health students
- Develop course materials and assessment instruments and deliver face to face teaching in the full range of teaching modes in Physiology for students in the School of Biomedical Sciences, including Years 1 and 2 of the MD program and allied health programs
- Coordinate, develop and implement significant teaching and learning innovations in the discipline areas of Physiology and Pathophysiology

Level D –

In addition to above:

- Provide teaching leadership in a range of settings and roles including fostering strong relationships with cognate organisational units to ensure that teaching remains relevant to the particular degree programs and clinical practice

Research

- Initiate a research program within the broad research directions of the School and
gain funding through peer-reviewed grants as a chief investigator

- Develop and maintain a research profile of national standing that is successfully funded and managed
- Actively support training in research through the successful recruitment and supervision of Honours and Research Higher Degree students
- Effectively disseminate research outcomes, including the publishing of research papers in high quality peer reviewed journals

**Level D**

In addition to above:

- Lead an established and internationally recognised research program, with ongoing success as a chief investigator
- Mentor the development of early career and other more junior researchers

**Service and Engagement**

- Perform a range of administrative and decision-making functions in the School and discipline and serve on School committees as required
- Foster the School’s relations with industry, government departments, professional bodies and the wider community
- Any other duties as directed by your supervisor

**Level D**

In addition to above:

- Make a strong contribution to the governance and collegial life of the institution and leadership in external activities

**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 School, School of Biomedical Sciences.
SELECTION CRITERIA

Essential for Level C

- Research Higher degree (PhD or equivalent)
- A demonstrable expertise and experience in teaching Physiology and Pathophysiology at undergraduate and/or postgraduate levels and across a broad range of body systems with varied pedagogical approaches, especially in a context relevant to students in medical and allied health programs
- Evidence of capacity to pursue independent research in the Physiology or related discipline areas compatible with the research directions of the School

Essential for Level D

In addition to above:

- Evidence of a sustained track record and effective leadership in relation to teaching, research and service

Selection Process

Applicants invited for interview may be expected to present a seminar in conjunction with the selection interview process.

Qualification Verification

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

ResearcherID

ResearcherID. All applicants will need to create a ResearcherID account (www.ResearcherID.com) and populate it using Web of Science. The ID number then needs to be included in your application.

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 the contact person listed in the job advertisement.