

## POSITION DESCRIPTION

<b>Position Title:</b>	Research Fellow
<b>Organisation Unit:</b>	Child Health Research Centre, Faculty of Medicine
<b>Position Number:</b>	3029810
<b>Type of Employment:</b>	Full-time, fixed term
<b>Classification:</b>	Research Academic 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 (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 45<sup>th</sup> 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.

## **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 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 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](http://www.medicine.uq.edu.au).

## **UQ Child Health Research Centre**

Established in 2015, the UQ Child Health Research Centre (UQ-CHRC) brings together some of UQ's leading researchers to tackle global challenges in child and adolescent health. With research in nutrition and growth, respiratory disease, allied health, environmental health, burns, infectious diseases, cerebral palsy, rehabilitation and child and youth mental health and more, the centre is making a difference to the health of children everywhere. The UQ-CHRC is co-located with research centres from Children's Health Queensland and Queensland University of Technology (QUT) in the recently completed Centre for Children's

Health Research CCHR), a \$134 million purpose-built research facility adjacent to the Queensland Children's Hospital.

Information relating to the activities of CHRC may be found at <https://child-health-research.centre.uq.edu.au/>.

### **The Acquired Brain Injury in Children program (ABiC)**

ABiC is a research program within UQ-CHRC that was established in October 2017. It is founded and directed by Professor Dr. Karen M. Barlow, the Dr. Paul Hopkins Chair of Paediatric Rehabilitation. It is closely linked with the Queensland Cerebral Palsy and Rehabilitation Research Centre (QCPRRC) within the Faculty of Medicine, The University of Queensland (UQ), and a research program for the Department of Paediatric Rehabilitation situated within Queensland Children's Hospital. It is closely linked with clinical services provided at Queensland Children's Hospital, providing research leadership to the state-wide Queensland Paediatric Rehabilitation Service (QPRS) and the Queensland Children's Motion Analysis Laboratory (QCMAL). ABiC also has links and collaborations with the UQ Centre for Clinical Research (UQCCR) and the Queensland Brain Institute. ABiC collaborates nationally and internationally in concussion research.

ABiC research focuses on improving the lives of children with acquired brain injury, especially concussion and Traumatic Brain Injury (TBI). As part of its focus to provide new therapies to children with ABI, we launched the KidStim laboratory at UQ-CHRC in November 2018, the first facility in Australia dedicated to neuromodulation research and therapy children with Acquired Brain Injury.

Using the new KidSTIM laboratory, the program will bring neuromodulation therapies to children in Queensland and this role will be important in steering the lab to be a centre of excellence and outstanding research in paediatric neuromodulation.

### **Information for Prospective Staff**

Information about life at UQ including staff benefits, relocation and UQ campuses is [available online](#).

The University of Queensland [Enterprise Agreement](#) outlines the position classification standards for Levels A to E.

## **DUTY STATEMENT**

### **Primary Purpose of Position**

To engage, as a Research Fellow, in research for The Acquired Brain Injury in Children (ABiC) program. This role will design and lead research projects using modern neurostimulation technologies (e.g. tDCS and TMS) and novel neuromonitoring techniques to expand our understanding of altered brain function following acquired brain injury, including the role of neurostimulation in modulating neural function for better health outcomes. In addition, this role will mentor and supervise students, perform data analyses, and manuscript preparation, as well as support with and apply for independent and collaborative funding to support their research focus.

## **Duties**

Duties and responsibilities include, but are not limited to:

### Research

- Engage in independent and/or team research program including external funding, and achieve national recognition in the research area,
- Conduct research and publish scholarly papers in high quality outlets,
- Develop an ongoing program of discovery, applied and contract research in the area of acquired brain injury
- Develop relationships with industry to form research partnerships.

### Teaching and Learning

- As a 'Research focussed' position there is no formal requirement for undergraduate teaching.
- Participate in events to attract postgraduate students to the ABiC research group UQ-CHRC
- Contribute to the supervision of honours and postgraduate students.

### Service and Engagement

- Foster the Centre's relations with industry, government departments, professional bodies and the wider community.
- Perform a range of administrative functions within ABiC
- Contribute to the processes that enable the academic team to manage the work of UQ-CHRC, including participation in decision-making and serving on committees.
- 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 the Director of The Acquired Brain Injury in Children Research Group.

## SELECTION CRITERIA

- PhD in the area of neuroscience or health-related subject with demonstrated research outcomes
- Strong track record of high-quality peer-reviewed publications
- Demonstrable track record of securing research funding support as Chief Investigator or as part of a larger research group
- Demonstrated knowledge and relevant experience in neuromodulation, with excellent statistical and analytical skills.
- An ability to establish effective relationships to develop co-operative research initiatives and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies.
- Ability to work both independently and collaboratively as part of a multi-disciplinary team
- Commitment to upholding the University's values, and with the outstanding personal qualities of openness, respectfulness and integrity

### 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).*