POSİTİON DESCRIPTION

Position Title: Lecturer in Magnetic Resonance Imaging
Organisation Unit: Centre for Advanced Imaging
Position Number: TBA
Type of Employment: 0.4 FTE, Fixed Term for 3 years
Classification: Academic Level B (Teaching & Learning)

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 well within the top 100 universities worldwide, measured through a number of major independent university rankings: the Academic Ranking of World Universities, Times Higher Education World University Rankings, US News Best Global Universities Rankings, QS World University Rankings and Performance Ranking of Scientific Papers for World Universities, and is indeed in the top 50 in some of these rankings. In 2013, UQ attracted more Australian Research Council funding than any other Australian university or research body.

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, and a founding member of Universitas 21, an international consortium of leading research-intensive universities. UQ is also the largest university in Queensland.

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 215,000-plus alumni. The University has more than 7,000 academic and professional staff and a $1.6 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.

**Organisational Environment**

CAI is a strategic initiative of The University of Queensland reflecting the growth in biotechnology, biomedical and materials research requiring advanced imaging capabilities. As a leading imaging research facility in Australia, and one of a handful in the world, CAI brings together the skills of a critical mass of researchers and ‘state-of-the-art’, world- or Australian-first research imaging instruments. NMR, EPR, MRI, PET, CT and optical imaging are now key platform research technologies for studying the structure and function of biomolecules and living organisms, from proteins to the human.

CAI conducts research across the spectrum from development of new imaging technologies, analysis of molecular structure, synthesis of MRI and PET biomarkers targeting fundamental biological processes to studies of major diseases, such as neurodegenerative disorders, cancer and cardiovascular disease, affecting a range of organ systems, through to imaging economically significant agricultural animals and plant material, minerals and construction materials.

Further details on the Centre for Advanced imaging and the research interests of its staff can be found on CAI’s website [http://www.cai.uq.edu.au/](http://www.cai.uq.edu.au/).

**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](http://www.uq.edu.au/current-staff/working-at-uq)

The University of Queensland [Enterprise Agreement](http://www.uq.edu.au/current-staff/working-at-uq) outlines the position classification standards for Levels A to E.

**DUTY STATEMENT**

**Primary Purpose of Position**

To engage as a Lecturer in Magnetic Resonance Imaging in postgraduate and short course teaching, and further development of the Centre’s postgraduate teaching program. Perform administrative and other activities and associated duties.

Excellent verbal and written communication skills, as well as the ability to interact effectively with staff and students is essential.

**Duties**

Duties and responsibilities include, but are not limited to:

**Teaching and Learning**

- Teach courses in the Magnetic Resonance Technology and Molecular Imaging programs as required, in both face to face and flexible delivery modes in a higher education environment;
- Initiate and develop course material;
- Coordinate courses as required;
• Coordinate tutors and provide tutorial assistance as required;
• Provide leadership in developing programs in CAI;
• Consult with students;
• Provide support for other teaching positions as required;
• Initiate and develop course material;
• Provide support for other positions during absences.

Service and Engagement
• Perform a range of administrative functions related to education in the Centre;
• Contribute to the processes that enable the academic team to manage the work of the Centre, including participate in School decision-making and serve on School committees;
• Foster the Centre’s relations with industry, government departments, professional bodies and the wider community;
• 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:
• 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 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 Teaching & Learning, CAI.
SELECTION CRITERIA

Essential

• Completion of a PhD or relevant postgraduate qualifications in radiography, medical physics, medical imaging or biomedical science;
• Demonstrated expert knowledge in the area of magnetic resonance technology;
• A minimum of 5 years’ experience working with MR systems;
• Teaching experience at tertiary or professional level;
• Demonstrated teaching skills at undergraduate and postgraduate levels;
• An ability to establish effective relationships and to represent and promote the Centre and magnetic resonance at a university and wider community level, including industry, government and professional bodies;
• Capacity to develop, coordinate and deliver undergraduate and postgraduate courses in the area of magnetic resonance;
• Capacity to prepare course materials, engage in marking and assessment and consult with students;
• Ability to work collaboratively with colleagues;
• Ability to work flexibly with high levels of initiative and autonomously, take initiative and provide leadership on projects and work tasks;
• High level of interpersonal, written, verbal and consultative skills;
• Well organised and output-focused in work activities.

Desirable

• Capacity to support Molecular Imaging developments, specifically in multi-modality imaging such as MR-PET or PET-CT;
• Experience with electronic teaching platforms such as Blackboard (Bb).

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 is committed to equity, diversity and inclusion.