**POSITION DESCRIPTION**

**Position Title:** Postdoctoral Research Fellow / Senior Postdoctoral Research Fellow  
**Organisation Unit:** ARC Training Centre for Innovation in Biomedical Imaging Technology (CIBIT)  
Centre for Advanced Imaging and UQ Business School

**Position Number:**

**Type of Employment:** Full Time, Fixed Term for 3 years, extendable by 2 years

**Classification:** Academic Level A or B

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**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://unicest.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 Australian Research Council Training Centre for Innovation in Biomedical Imaging Technology (CIBIT) is a multidisciplinary collaboration between researchers at The University of Queensland’s Centre for Advanced Imaging (CAI) and partners in the Medical Technologies and Pharmaceutical industry. The purpose of this national centre is to provide research training for 20 early career and postgraduate students to fill critical skills gaps in the Medical Technologies and Pharmaceutical industry. Trainees will undertake industry-driven research to overcome bottlenecks in the development and application of novel diagnostics, therapeutics and theranostics and to inform changes in regulatory policy that support industry growth. CIBIT is supported by industry partners Siemens Healthcare Pty Ltd, BGI International Pty Ltd, Inter-K Peptide Therapeutics Ltd, Clarity Pharmaceuticals Pty Ltd, Minomic International Ltd, Theranostics (Australia) Pty Ltd, Brisbane Veterinary Specialist Clinic, Uniting Care Medical Imaging and Red Radiology Pty Ltd.

The Centre for Advanced Imaging (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.

Further details on CAI and the research interests of its staff can be found on CAI’s website http://www.cai.uq.edu.au/

CAI is committed to supporting the career growth of female researchers and have a number of initiatives to support females in developing and achieving a fulfilling research career at the institute. For more information, please visit our CAI Women in Imaging website at https://cai.centre.uq.edu.au/women-imaging.

The UQ Business School is located on the St Lucia campus with a staff of approximately 172 academic staff; 150 equivalent tutors and 85 professional staff. The School leases space in the Brisbane central business district in the Brisbane central business district where it offers core MBA courses and provides executive education and function facilities.

The School has eight main areas of academic strength represented by disciplines – accounting; business information systems; finance; management; marketing; strategy & entrepreneurship;
international business; and tourism with a senior academic reporting to the Head of School leading each discipline. The successful applicant would be joining the Strategy and Entrepreneurship Discipline within the UQ Business School. Currently, the School has over 9,000 students enrolled in its programs: 6,000 at undergraduate level; 3,000 at postgraduate coursework level; and around 160 in research higher degree programs. Approximately one-third of the student body are international students, mostly from the Asia-Pacific region.

The School's mission is to be courageous thinkers who empower future leaders to positively transform business and society. The School carries AACSB International and EQUIS accreditation – the first school in Australia to receive AACSB and EQUIS accreditation across the full range of programs. The School enjoys strong research links with leading international research schools.

Details of the teaching programs, research activities and business relations may be accessed through the School’s web site at: http://www.business.uq.edu.au/. Information about the Faculty and the School may be accessed on the Faculty’s web site at http://www.bel.uq.edu.au.

The incumbent will work closely with the two organisational units described above, but the position will be substantially located at the Business School.

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 (ACADEMIC LEVEL A)

Primary Purpose of Position

To engage, as a postdoctoral research fellow, in commercialisation training and to perform research, administrative and other activities associated with the ARC Centre for Innovation in Biomedical Imaging Technology (CIBIT) and the UQ Business School.

Duties

Duties and responsibilities include, but are not limited to:

Teaching and Learning

- Initiate and develop course material related to commercialisation and entrepreneurship training for science students and researchers.
- Coordinate courses.
- Supervise students at honours and postgraduate levels.
- Where appropriate, teach subjects in flexible delivery mode.
- Consult with students.
- Provide support for other positions during absences.

Research

- Develop databases to examine industry patterns, innovation, regulation and other economic phenomena in the imaging industry, using advanced analytical techniques.
- Conduct in-depth interviews with clinicians and other users of technology.
- Conduct research and publish scholarly papers.
- Develop a program of applied and contract research in the area of economic patterns and innovation in the imaging industry.
- Work with colleagues and postgraduates in the development of joint research projects.
- Interact with industry partners and other relevant stakeholders.

Service and Engagement

- Complete a range of Centre administrative duties as required.
- Perform a range of administrative functions within the Business School.
- Contribute to the processes that enable the academic team to manage the work of the Business School, including participate in the Business School decision-making and serve on Business School committees.
- Foster the Centre and the Business School’s relations with industry, government departments, professional bodies and the wider community.
- Any other duties as reasonably directed by the 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 CIBIT Chief Investigators Prof. Martie-Louise Verreynne (Group Leader and Deputy Head of School) and Dr. Anna Jenkins (Lecturer in Entrepreneurship and Innovation) at UQ Business School.

SELECTION CRITERIA (ACADEMIC LEVEL A)

**Essential**
- PhD in the area of Health Economics, Innovation, Strategy or a related discipline.
- Demonstrated expert knowledge in the area of Health Economics, Innovation and/or Strategy.
- Expertise in advanced data analytical techniques.
- Demonstrated understanding of the imaging industry specifically or the bio-medical industry more broadly.
- Demonstrated teaching skills to postgraduate and/or executive audiences.
- An ability to establish effective relationships and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies.
- Evidence of a contribution to research, including peer reviewed publications and/or applications for external grant funding.
- Ability to work collaboratively with colleagues, and derive direction from multiple supervisors.

**Desirable**
- Developed industry liaisons and professional contacts.
- Expertise in qualitative research design and analysis.
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives.
**DUTY STATEMENT (ACADEMIC LEVEL B)**

**Primary Purpose of Position**

To engage, as a senior postdoctoral research fellow, in commercialisation training and to perform research, administrative and other activities associated with the ARC Centre for Innovation in Biomedical Imaging Technology (CIBIT) and the UQ Business School. The candidate will be expected to coordinate research under the direction of the CIBIT Chief Investigators, to contribute to scholarly publication of research and to apply for research funding.

**Duties**

Duties and responsibilities include, but are not limited to:

**Teaching and Learning**

- Initiate and develop course material related to commercialisation and entrepreneurship training for science students and researchers.
- Coordinate courses.
- Contribute to mentoring and training of research staff and students at honours and postgraduate levels.
- Contribute to courses and lectures at both graduate and undergraduate level as an expert speaker.
- Provide support for other positions during absences.

**Research**

- Develop databases to examine industry patterns, innovation, regulation and other economic phenomena in the imaging industry, using advanced analytical techniques.
- Conduct in-depth interviews with clinicians and other users of technology.
- Publish research in the form of high-quality refereed journal publications.
- Develop a program of applied and contract research in the area of economic patterns and innovation in the imaging industry.
- Work with colleagues and postgraduates in the development of joint research projects.
- Interact with industry partners and other relevant stakeholders.
- Draft and support applications for external and internal grant funding.

**Service and Engagement**

- Complete a range of Centre administrative duties as required.
- Perform a range of administrative functions within the Business School.
- Contribute to the processes that enable the academic team to manage the work of the Business School, including participate in the Business School decision-making and serve on Business School committees.
- Foster the Centre and the Business School’s relations with industry, government departments, professional bodies and the wider community.
- Any other duties as reasonably directed by the 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 CIBIT Chief Investigators Prof. Martie-Louise Verreyrne (Group Leader and Deputy Head of School) and Dr. Anna Jenkins (Lecturer in Entrepreneurship and Innovation) at UQ Business School.

SELECTION CRITERIA (ACADEMIC LEVEL B)

**Essential**

- PhD in the area of Health Economics, Innovation, Strategy or a related discipline.
- Demonstrated expert knowledge in the area of Health Economics, Innovation and/or Strategy.
- Expertise in advanced data analytical techniques.
- Demonstrated understanding of the imaging industry specifically or the bio-medical industry more broadly.
- Demonstrated teaching skills to postgraduate and/or executive audiences.
- An ability to establish effective relationships and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies.
- Evidence of a contribution to research, including peer reviewed publications and successful applications for external grant funding.
- Ability to work collaboratively with colleagues, and derive direction from multiple supervisors.
- Developed industry liaisons and professional contacts.
- Expertise in qualitative research design and analysis.
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives.
Seminar
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.

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.