

POSITION DESCRIPTION

Position Title:	Research Fellow / Senior Research Fellow
Organisation Unit:	ARC Training Centre for Innovation in Biomedical Imaging Technology (CIBIT) Centre for Advanced Imaging and UQ Business School
Position Number:	3044159
Type of Employment:	Full time, fixed term for 2.5 years
Classification:	Academic Research Level B or C

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 \$11billion+.

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

Organisational Environment

Australian Research Council Training Centre for Innovation in Biomedical Imaging Technology (CIBIT)

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, Glytherix Pty Ltd, GenesisCare Pty Ltd, Brisbane Veterinary Specialist Clinic, I-Med Queensland Pty Ltd and Polarize. Further details can be found on the [CIBIT website](#).

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](#).

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](#).

UQ Business School

The University of Queensland (UQ) Business School is independently ranked as one of the top business schools in Australia and among the leading institutions worldwide. Our mission is to cultivate courageous thinkers who empower future leaders to positively transform business and society.

Based at the St Lucia campus as part of the Faculty of Business, Economics and Law, the Business School brings together 10,000 students and over 200 subject experts.

The Business School also has a presence at UQ Brisbane City, the University's newest site in the heart of the Brisbane CBD. At UQ Brisbane City, students and professionals from the

Business School's Master of Business Administration (MBA) program and Executive Education courses are taught in smart, functional and flexible learning facilities.

We are ranked #2 in Australia for business and economics (Times Higher Education World University Rankings 2020) and 1 in Queensland for business and management studies (QS World University Rankings 2020). Our MBA program is ranked #1 in Queensland, #2 in Australia, and #1 in the world for student quality (The Economist's 2019 international ranking). The Business School offers a wide range of degree programs. Our eight main areas of academic strength are represented by discipline clusters – accounting, business information systems, finance, international business, management, marketing, tourism, strategy and entrepreneurship.

UQ Business School is renowned for its cutting-edge research, outstanding academic staff, depth of educational programs and close links with leading global organisations. It also has close links with the Centre for Business and Economics of Health as well as the Australian Institute of Business and Economics. The Business School also carries AACSB International and EQUIS accreditation – the first school in Australia to receive this prestigious accreditation across its full range of programs.

To learn more about UQ Business School, please visit <http://www.business.uq.edu.au> today.

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 online](#).

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

DUTY STATEMENT

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Primary Purpose of Position

To engage, as a senior postdoctoral research fellow, in health economics 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

Level B and C

- Initiate and develop training course material related to health economics as it relates to commercialisation and entrepreneurship 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

Level B and C

- 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 high-quality refereed journals.
- Develop a program of applied and contract research in the area of the health economics of 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.

Level C

- Obtain and successfully manage significant external and internal grant funding.
- Develop and manage industry and government collaborations with the aim of making research-based contributions to policy and practice.
- Publish impactful research in the form of high-quality journal publications.

Service and Engagement

Level B and C

- 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 and manage 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 Professor Stephen Birch (Taylor Chair and Centre Director, Centre for the Business and Economics of Health) and Dr. Anna Jenkins (Senior Lecturer in Entrepreneurship and Innovation, UQ Business School).

SELECTION CRITERIA

Essential

- PhD in the area of Health Economics 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.
- 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.

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.