

POSITION DESCRIPTION

Position Title:	Aquatic Research Technical Officer
Organisation Unit:	UQ Biological Resources
Position Number:	3026314
Type of Employment:	Full time, Fixed Term
Classification:	HEW Level 4

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

The University of Queensland Biological Resources Unit (UQBR) manages the laboratory animal production and research facilities for the University of Queensland.

The role of UQBR is to provide UQ with world class Animal Research services within a best practice ethical framework.

Information for Prospective Staff

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

DUTY STATEMENT

Primary Purpose of Position

To provide a high quality research and husbandry skills and be actively involved in research projects using aquatic species. The role will also actively support the general care and operation of UQ's Aquatic species facilities.

Duties

Duties and responsibilities include, but are not limited to:

Aquatic Husbandry

- Participate in general husbandry, as required and provide specific monitoring of animals.
- Perform analytical water chemistry tests results, grading nursery, grow out fish and administer treatment as directed.
- Monitor and maintain essential operation of recirculating aquarium system, life support units and report any anomalies.
- Perform euthanasia of a variety of aquatic species by a variety of methods
- Other general duties relevant to aquatic animal research as required.

Operational

- Complete facility inductions for all users
- Assist in supervision and training of staff, researchers, and students in relevant procedures.
- Effectively manage breeding and research activities. Update information and provide relevant reports in a timely manner.
- Assist with the preparation and implementation of standard operating procedures and risk assessments.
- Assist with quarterly health monitoring programs, including sample preparation for routine pathology reports.

- Assist with animal ethics committee applications. Undertake experimental procedures in accordance with approval conditions, assist with, and ensure compliance with any associated regulatory and reporting requirements.
- Assist with and ensure compliance with all regulatory and university requirements associated with your duties and responsibilities. These include (but not limited to), Institutional Bio-safety Committee (IBC), Animal Ethics Committee, Animal Welfare Office, OGTR and DAFF.
- Participation in weekend/Public holiday rosters or out of hours work/overtime as required.

Research Support

- Perform both routine and specialised procedures associated with research using Aquatic species.
- Review of animal ethics applications, provide feedback particularly on technical services and ensure that proposed practices meet the relevant requirements
- Preparation and handling of restricted drugs.
- 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
 - **Medical Clearance:** Working with laboratory animals is an inherent requirement of the position. The appointment is therefore subject to, and conditional upon, satisfactory medical clearance (s), including disclosure of relevant medical history, to undertake such work without unreasonable risk to your health and safety. In addition, the Employee is required to fully comply with necessary ongoing health monitoring procedures and control measures associated with the position.

Organisational Relationships

The position reports to the Aquatic Facility Manager, UQ Biological Resources and indirectly to the chief investigator of the relevant research project.

SELECTION CRITERIA

Essential

- Qualifications and training equivalent to a Diploma, Cert IV, Cert III level in the use and management of Aquatic species in a research environment; or an equivalent combination of extension relevant experience and/or education/training.
- Considerable knowledge and understanding of managing breeding performance of stock, transgenic and knockout lines of fish and maintaining their records, and genetic management principles
- Significant experience in the use of aquatic species particularly zebrafish in a research environment.
- Considerable experience with intensive, recirculating aquaculture systems.
- Detailed knowledge of relevant codes and acts governing the use of animals in research
- A strong customer service focus with a concern for animal welfare and the ability to priorities own workload, work independently and meet deadlines.
- Excellent interpersonal and analytical skills including the ability to communicate effectively with a wide variety of people including researchers, student's, staff and suppliers by telephone, email and in person
- Commitment to upholding the University's values, and with the outstanding personal qualities of openness, respectfulness and integrity.

Desirable

- Knowledge and experience in performing minor surgeries / techniques aquatic animals (such as visible implant elastomer tagging or genotyping)
- Experience with supervising staff/students.

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.