



POSITION DESCRIPTION

POSITION TITLE	Senior Technical Officer
POSITION NUMBER	00059523
POSITION LEVEL	HEW 6
GROUP	Griffith Sciences
ELEMENT	Environmental Futures Research Institute
EMPLOYMENT TYPE	Full-time

THE GROUP

Griffith Sciences is one of the four academic groups of the University and has an international reputation for excellence in learning and teaching, research and professional practice. The Group hosts three schools – Engineering and Built Environment, Information and Communication Technology and Environment and Sciences along with five research institutes and three centres.

From what could be the world's first malaria vaccine—now at the human trial stage—to the first photo of a single atom's shadow, Griffith researchers are at the forefront of discovery. Working in our world-class research centres, institutes and schools, our researchers are driven to better understand our world and improve people's lives.

We have distinctive, world-class areas of expertise in environmental sustainability, water science, drug discovery and infectious diseases, climate change adaptation, artificial intelligence, physical sciences and emerging research areas such as micro- and nanotechnology and advanced manufacturing. We form strong partnerships with industry to undertake applied research that has the potential for commercialisation and positive impacts for the wider community.

THE INSTITUTE

The Environmental Futures Research Institute (EFRI) is a trans-disciplinary research Institute which undertakes fundamental and multidisciplinary research to aid the understanding of critical environmental issues, and develop solutions that will facilitate a clean, resilient and sustainable futures for Australian and global environments. The Institute has four research Centres and Platforms that provide guidance to our strategic research direction. These are;

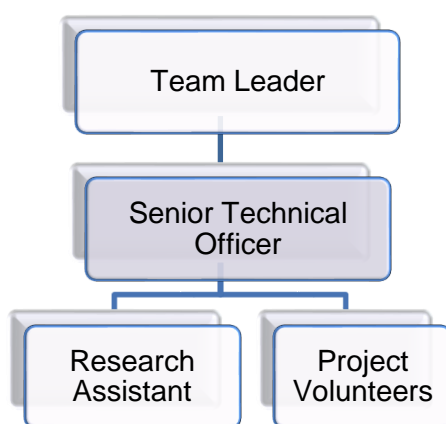
1. Centre for Clean Environment and Energy
2. Australian Research Centre for Human Evolution
3. Planetary Health
4. Food Futures

THE PROJECT

The project "Preventing emergence and spill over of bat viruses in high-risk global hotspots" involves an international collaboration of researchers addressing the dynamics of bat movement and health, bat virus transmission, and human responses to bats and spill over. The project spans five continents and involves 25 senior investigators from 14 institutions with expertise in ecology, physiology, epidemiology, virology, immunology, behavioural ecology, veterinary medicine, political science, anthropology, and mathematical modelling.

The Australian-based project is investigating whether the ongoing loss of small patches of winter-flowering habitat is affecting bat health and feeding habits, ultimately leading to increased spill over risk to horses. Based out of Griffith University, Nathan, the Australian field team are collecting data and samples from bats in northeast New South Wales and southeast Queensland to address these hypotheses.

REPORTING RELATIONSHIPS



POSITION OBJECTIVES

This role will provide technical support to an international collaborative research project addressing the dynamics of bat movement and health, virus transmission, and human responses to bats and spill over.

The focus will be on providing technical and scientific support to staff, students and volunteers engaged on the project including fieldwork and laboratory based research activities. This person will be required to set-up, service and dismantle experimental apparatus, instrumentation and materials. They will also pre-run experiments and work with academics to achieve the required results. The position will work closely with students on the project, and will supervise one Research Assistant and multiple volunteers.

As part of this role they will be required to maintain biosecurity and safety standards and support the Institute's WH&S responsibilities on fieldwork and in the Nathan campus laboratory.

KEY ACCOUNTABILITIES

- Provide technical operations support to the project. Where required, demonstrate technical instructions on the safe and correct operating techniques of relevant equipment, and assist academics and/or students; Establish and maintain detailed laboratory resource statements and preparation notes, as well as ensuring that laboratories are prepared for research activities.
- Lead fieldwork including the co-ordination of fieldwork schedules to meet project objectives.
- Advise and assist academic and research staff as well as Higher Degree Research (HDR) students with equipment requirements.

- Actively contribute to the improvement of laboratories including biosafety and biosecurity procedures.
- Liaise with external agencies and suppliers to procure the relevant materials and equipment by utilising the university financial system.
- Be responsible for data and sample collection, storage and preliminary analysis of data collected in accordance with the research protocols as stipulated.
- Manage the coordination of meetings between researchers and participating external administrators as required.
- Supervision of one Research Assistant Grade 1.
- Supervision of volunteers and students whilst conducting fieldwork.
- Ensure compliance with relevant legislation and University policies and procedures, including equity, health and safety and exhibit good practice in relation to same.
- Maintain fair, ethical and professional work practices in accordance with the University Code of Conduct.

SELECTION CRITERIA

Essential:

- Relevant tertiary qualifications or an equivalent combination of qualifications and experience. - such as wildlife management, animal studies, conservation biology or veterinary nursing
- Demonstrated experience in clinical and/or fieldwork with wildlife and the ability to exercise initiative and work independently under broad direction.
- Experience in compliance with biosafety and biosecurity. Previous practical laboratory experience in a research/scientific environment is desirable.
- Demonstrated ability to carry out research tasks accurately with strong attention to detail and meet deadlines.
- Demonstrated ability to manage a small team.
- Demonstrated ability to undertake project management work under broad direction only, exercise initiative in undertaking responsibilities and work effectively with Team leader, Chief Investigators, partner organisations and a large number of volunteers.
- Demonstrated high level organisation, communication and negotiation skills.
- Demonstrated high level oral and written communication skills, including the ability to maintain accurate records and the preparation of research reports and publications.
- Demonstrated excellent interpersonal skills, including the ability to work both collaboratively in a team and autonomously when required.

Desirable:

- A knowledge of laboratory and field techniques in wildlife disease ecology.

BENEFITS AND CONDITIONS

The following links provide access to information regarding the range of benefits enjoyed by Griffith staff and also key information regarding employment conditions.

BENEFITS	CONDITIONS
<ul style="list-style-type: none">• Education Assistance for General staff• Health plan• Salary Packaging• Superannuation	<ul style="list-style-type: none">• Code of Conduct• Academic Staff Enterprise Agreement• General Staff Enterprise Agreement• Fairwork Australia Information Statement

Griffith is committed to diversity and inclusion for people from all backgrounds and identities and committed to the recognition, values and contribution of the First People of this nation.

Griffith offers professional development opportunities to support employees in their career progression and offers an excellent working environment that supports flexible working arrangements.

For more benefits and conditions information please refer to the web link below:

[Griffith University | Pay, conditions and benefits > Employment](#)