



POSITION DESCRIPTION

Position	Biosecurity Research Officer		
Position Number	1848A01	Level/Classification	HEW0708
Reports to	Associate Professor in Biosecurity Research		
Unit	Harry Butler Institute		
Directorate	Research and Innovation		
Positions Supervised	Nil		

Position Purpose

This position will undertake invasive species surveillance and research including invertebrates, vertebrates and plants in terrestrial and marine ecosystems on Barrow Island. The position will provide technical and logistical support for interns, students (undergraduate and graduate), visiting researchers and volunteers. On occasions this may involve pastoral care of graduate students.

Based principally at Murdoch University, the Biosecurity Research Officer will regularly visit (15 day cycle) Barrow Island, where the Chevron-operated Gorgon Project is location (60km off the north coast of Western Australia).

About Murdoch University

Murdoch University helps people discover how to make a difference, through education and research endeavour, and remains one of the most inclusive universities in the country, providing students with quality education and recognised academic standing within an engaging and caring environment. We are a university for all, irrespective of background and social standing with a focus on social equity, self-direction and freedom of thought and belief.

With strong links to government, business and the community, Murdoch University helps people discover how to make a difference. We are a young, innovative and enterprising university with more than 23,000 students and 1,700 staff across Perth, Singapore and Dubai. We are committed to high quality education, innovative research, and strong community engagement both locally and internationally.

Our [Strategic Plan and Future Horizon 2017-2027](#) outlines an ambitious blueprint for development and growth, with a focus on one purpose: to be a creative force for current and future generations.

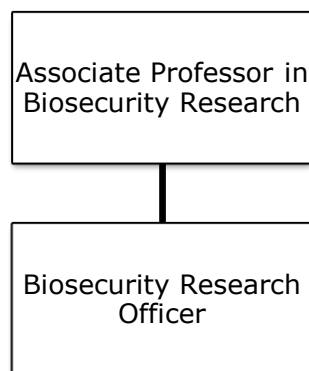
We are clear about our two core goals: to educate free thinkers who thrive in society and are sought after by employers; and, to provide life changing solutions for the world's big challenges through our outstanding translational research and innovative practice.

About the Work Area

The Harry Butler Institute is one of the three Murdoch University institutes that bring together leading researchers from across the University to deliver world class multidisciplinary/interdisciplinary translational research that benefits government, industry and the community. The Harry Butler Institute brings together all of the disciplines that contribute to the coexistence of business and biodiversity in order that society can create maximum value for the community whilst simultaneously safeguarding the environment.

The primary objective of the Harry Butler Institute is to give expression and recognition to the legacy of Dr Harry Butler in world-class science, education and environmental management *'...you can have conservation with development...'* (Harry Butler, 2015).

Reporting Relationships



Key Responsibilities/Duties

1. Conduct surveillance monitoring of marine and terrestrial invertebrates, vertebrates and plants (majority of work will be terrestrial), using existing monitoring protocols already established.
2. Analyse existing surveillance datasets and write up publications where appropriate.
3. Provide assistance to research scientists, and co-supervision/support to PhD and honours students.
4. Design, organise and conduct research projects relating to surveillance as requested by the supervisor.
5. Liaise with researchers based in the biosecurity science team at Murdoch, Chevron personnel, and more broadly with other researchers as required.
6. Prepare publications and funding applications.
7. Carry out, and assist with, other duties as required.

Selection Criteria

Essential

1. Undergraduate degree in biosecurity or a related field.
2. Willingness and ability to work independently in a remote location for extended periods.
3. Proven ability to plan and undertake research projects (including data analysis and report writing), and to work with students.
4. Ability to work as part of a large interdisciplinary team.
5. Demonstrated understanding and strict adherence to Occupational Health and Safety obligations.
6. Strong interpersonal, verbal and written communication skills, with the ability to engage with external stakeholders (i.e. Chevron, government departments).

Desirable

1. Experience working at remote industry sites.
2. Evidence of academic publications and/or industry reports.
3. Experience in biosecurity working with invertebrates or vertebrates in a terrestrial environment.

Work Requirements

1. A willingness and ability to travel domestically on a regular basis.
2. Current "C" class driver's licence
3. Ability to work outside of normal office hours when required.
4. This role has been identified as requiring mandatory COVID19 Vaccination. You will be required to provide evidence of appropriate vaccination for COVID-19 in accordance with the relevant government mandate (or formally granted medical exemption) to be employed in this position.

Guiding Principles and Values/Code of Ethics and Code of Conduct

The founding principles upon which Murdoch University was established continue unabated today. We continue to be guided by the principles of:

- Equity and Social Justice
- Opportunity
- Sustainability
- Global Responsibility

These Murdoch principles come to life through our culture as evidenced by being an institution where the following are clear:

- Integrity
- Respect and Diversity
- Purpose
- Excellence and Future-focus

All staff will comply with the University's Code of Ethics and Code of Conduct and demonstrate a commitment to its Equity, Diversity and Safety principles and the general capabilities of personal effectiveness, working collaboratively and demonstrating a focus on results.

All Staff are to complete a Development Review Annually. Details of the University policies on Development Review can be accessed [here](#). A Commencing Development Review should be completed within 3 months of commencement.