



RESEARCH OFFICER - MARINE MOLECULAR ECOLOGY

About Us

Minderoo Foundation is a modern philanthropic organisation. We take on tough, persistent issues with the potential to drive massive change. We incubate ideas and accelerate impact. We push the limits of what is believed possible. Minderoo Foundation is independent, forward thinking and seeks effective, scalable solutions. We are proudly Australian, and one of Asia's largest philanthropies, with AUD \$2 billion committed to a range of global initiatives. Our team comprises over 100 employees across seven locations.

OceanOmics Program

The Minderoo OceanOmics program will create a world-class integrated ocean monitoring platform to inform decision-making in ocean resource and ecosystem management. Deploying a range of advanced molecular and genomics techniques that will be adapted or developed to monitor the planet's oceans by sampling individual whole cells and genetic material from a range of marine habitats. High-throughput genomic analyses and bioinformatics will be used to identify and protect threatened species and important ecosystems at unprecedented speed and scale.

About the role

In collaboration with other team members, you will contribute to and be directly involved in the development and implementation of novel, high-throughput cellular & molecular approaches for marine wildlife assessment and monitoring.

Your key responsibilities will include:

- Contribute to the development of impactful and innovative research for the advancement of the research program.
- Identify and implement research priorities and emerging technologies relevant to marine conservation.
- Communication of findings through the production of scientific papers, reports and outreach material as well as presentations at national and international conferences and other relevant fora.
- Liaise closely with the team and a range of collaborators and stakeholders, translating outcomes of research activities to applicable measures.
- Work collaboratively with colleagues within the OceanOmics team, and across Minderoo's initiatives.



About you

To be successful in this role you **MUST HAVE**

- PhD in a relevant discipline, such as marine biology, molecular ecology, conservation biology or environmental genetics; or an equivalent combination of relevant experience and education/training.
- Experience with cellular & molecular biology techniques applied to biodiversity monitoring, including environmental DNA approaches.
- Demonstrated ability to develop and maintain stakeholder relationships to foster the collaboration across a broad range of projects and initiatives.
- Excellent communication skills, both written and oral, with a demonstrated publication track record and ability to represent the research team effectively internally and externally.
- Strong interpersonal skills, evidenced by the ability to work effectively and collaboratively within and across teams.
- Highly developed organisational skills, with the ability to plan, execute and monitor progress against tight timeframes with competing priorities.

Desirable:

- Experience organising and conducting fieldwork as well as working at sea.
- Experience producing and analysing large sequencing datasets.

Of vital importance is that you have a “can-do” attitude and proactive willingness to suggest improvements or develop creative solutions to challenges and processes, you can adapt and be flexible and thrive on uncertainty!

Are you prepared to be **challenged and stretched** in ways you have never considered?

Are you really **up for the challenge**?

Next Steps

Please attach your resume and a one-page cover letter explaining why you are up for the challenge!

Tattarang and Minderoo Foundation embraces Equal Opportunity and promotes diversity. We actively encourage Aboriginal & Torres Strait Islanders, people of all backgrounds, ages, sexual orientation, and those with Disability to apply.

Next Steps