



Position Description – Research Fellow – Environmental Science

Position Details

Position Title:	Research Fellow – Environmental Science
College/Portfolio:	STEM College
School/Group:	School of Science
Campus Location:	Based at the Bundoora West campus, however may be required to work and/or be based at other campuses of the University.
Classification:	Academic Level B
Employment Type:	Fixed Term – Replacement Employee
Time Fraction:	1.0 FTE

RMIT University

RMIT is a multi-sector university of technology, design and enterprise. The University's mission is to help shape the world through research, innovation and engagement, and to create transformative experiences for students to prepare them for life and work. For more information on RMIT University follow the links below.

<https://www.rmit.edu.au/about>

<https://www.universitiesaustralia.edu.au/university/rmit-university/>

<https://www.rmit.edu.au/about/facts-figures>

Our three main campuses in Melbourne are located in the heart of the City, Brunswick, Bundoora and Point Cook, along with other Victorian locations. There are also two campuses in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain. RMIT is a truly global university.

<https://www.rmit.edu.au/about/our-locations-and-facilities>

We are also committed to redefining our relationship in working with, and supporting, Indigenous self-determination. Our goal is to achieve lasting transformation by maturing our values, culture, policy and structures in a way that embeds reconciliation in everything we do. We are changing our ways of knowing, working and being to support sustainable reconciliation and activate a relationship between Indigenous and non-Indigenous staff, students and community. Our three campuses in Melbourne (City, Brunswick and Bundoora campuses) are located on the unceded lands of the people of the Woi Wurrung and Boon Wurrung language groups of the eastern Kulin Nation.

Why work at RMIT University

Our people make everything at the University possible. We encourage new approaches to work and learning, stimulating change to drive positive impact. Find out more about working at RMIT University, what we stand for and why we are an Employer of Choice.

<https://www.rmit.edu.au/careers>

We want to attract those who will make a difference. View RMIT's impressive standings in university rankings.

<https://www.rmit.edu.au/about/facts-figures/reputation-and-rankings>

STEM College

The STEM College holds a leading position and expertise in the science, technology, engineering, mathematics and health (STEM) fields. We are uniquely positioned to influence and partner with industry, as never before.

STEM College is a community of exceptional STEM researchers, teachers, inventors, designers and game-changers, supported by talented professional staff. We offer higher education programs across all STEM disciplines at the Bachelor, Master and PhD levels, and ensure our students experience an education that is work-aligned and life-changing.

The College is renowned for its exemplary research in many STEM areas including advanced manufacturing and design; computing technologies; health innovation and translational medicine; nano materials and devices; and sustainable systems. Our brilliant researchers attract funding from government and industry sources.

Industry is at the heart of what we do. It ensures our research has real world impact, and our students are truly work-ready. Under the leadership of DVC STEM College & Vice President, Digital Innovation, we have established new hubs of industry-connected digital innovation and endeavour and are engaging with global STEM organisations at scale.

Our diversity and shared values empower our work, and we are proud of the College's inclusive, caring culture. We offer a safe, dynamic work environment, and support every member of our community to achieve their potential. The College appointed Victoria's first ever Dean of STEM, Diversity & Inclusion in 2020, and this role drives gender equity, diversity and inclusion strategies across the College.

STEM College employs 1,000 staff who deliver onshore and offshore programs to approximately 20,000 students.

We are here to positively impact the world and create the next generation of STEM leaders.

www.rmit.edu.au/seh

School of Science

The School of Science provides over 45 bachelor and postgraduate programs and undertakes world-class research across the disciplines of Biosciences and Food Technology, Chemistry and Environmental Science, Physics, Mathematical Sciences, Geospatial Sciences and Computer Science (Information Technology and Software Engineering).

One of RMIT's top-performing research schools, we deliver research that addresses the 'real life questions' essential to Australia's innovation agenda. Our high-quality teaching programs inspire students to pursue careers in a range of industries including biotechnology, health, materials technology, food, geospatial and surveying, environmental science, banking and commerce, as well as computing and IT roles and research and development across a wide range of areas. The School has staff, students and facilities on both the City and Bundoora campuses, has 300 staff, 450 higher degree research students, over 3800 coursework students and an annual budget of \$140 million

<https://www.rmit.edu.au/about/schools-colleges/science>

Position Summary

This temporary Research Fellow Position will support ongoing research within the Aquatic Environment Stress research group (AQUEST) including the Aquatic Pollution Prevention Partnership (A3P) with Melbourne Water.

The role will involve managing three key projects:

- Understanding the threat of climate change to water quality in waterways to inform mitigation opportunities (Project A2)
- Managing the impacts of toxicants in urban stormwater and wastewater treatment plant discharges on the health of estuaries and bays (incorporating the PPB Exploring Unseen Threats project) (Project A7)
- Understanding ecological risks from pesticide spraying activities on or near waterways and suitable management alternatives (Project A8).

The Research Fellow will work towards achieving milestones outlined in the year 3 prospectus document for each of these projects. Additionally, the role includes contributing to managing the Port Phillip Bay Funded Exploring Unseen Threats project, which involves collaborating with citizen scientists to monitor contaminants in Port Phillip and Westernport estuaries and bays.

Key responsibilities will include planning and executing fieldwork activities, data collation and analysis, and preparation of technical reports, peer-reviewed journal articles and presentations. You will also be responsible for reporting back to the Project working groups on progress for each project. The Research Fellow will collaborate within the AQUEST team, update peers on relevant developments, liaise with industry partners, and may need to spend several days in the field. Support for other AQUEST or A3P projects may also be required as directed by the Chief Investigator.

Reporting Line

Reports to: Chief Investigator, AQUEST Research Group

Direct reports: N/A

Organisational Accountabilities

RMIT University is committed to the health, safety and wellbeing of its staff. RMIT and its staff must comply with a range of statutory requirements, including equal opportunity, occupational health and safety, privacy and trade practice. RMIT also expects staff to comply with its policy and procedures, which relate to statutory requirements and our ways of working.

RMIT is committed to providing a safe environment for children and young people in our community. Read about our commitment and child safe practices. <https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.

Appointees are accountable for completing training on these matters and ensuring their knowledge and the knowledge of their staff is up to date.

Key Accountabilities

- Project manage A3P projects A2: Understanding the threat of climate change to water quality in waterways to inform mitigation opportunities, A7 Managing the impacts of toxicants in urban stormwater and wastewater treatment plant discharges on the health of estuaries and bays (incorporating the PPB Exploring Unseen Threats project) and A8: Understanding ecological risks from pesticide spraying activities on or near waterways and suitable management alternatives.
- Conduct research activities related to AQUEST projects.
- Conduct field and laboratory-based work related to A3P and AQUEST research programs.
- Provide direction for technical staff as required.
- Prepare technical reports and peer review journal articles related to A3P projects and others as required.
- Contribute to research and operate in multidisciplinary research teams including RMIT staff and industry partners.

- Undertake administration related to the position.
- Other duties commensurate with the level of the position, as assigned by the AQUEST Chief Investigator.

Key Selection Criteria

1. Demonstrated 5 years' experience in project management, particularly managing large scale projects with industry.
2. Evidence of research output including publications, conference contributions and technical reports in the field.
3. Demonstrated ability to work in the field in aquatic/terrestrial environments. This can include working multiple days in the field.
4. Ability to work autonomously whilst displaying a strong commitment to work in a team environment, including the demonstrated ability to confidently and effectively work with colleagues, project team leaders, and industry partners.
5. Demonstrated ability to meet deadlines and effectively manage varying workloads and respond to changing priorities as required.
6. Demonstrated high level communication skills.
7. Demonstrated ability of working with large datasets.

Qualifications

Mandatory:

- Minimum 5 years environmental project management experience
- PhD or equivalent in ecotoxicology, environmental chemistry or environmental science
- Victorian Driver's license or equivalent

Preferred:

- Current first aid certificate (Level 2)

Note: Appointment to this position is subject to passing a Working with Children Check and other checks as required by the specific role. Maintaining a valid Working With Children Check is a condition of employment at RMIT.

Endorsed:	Signature: Name: Title: Date:	Approved:	Signature: Name: Title: Date:
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