



## Position Description – Industry Research Fellow

### Position Details

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<b>Position Title:</b>	Industry Research Fellow
<b>College/Portfolio:</b>	STEM College
<b>School/Group:</b>	School of Engineering
<b>Campus Location:</b>	Based at DST Group Fishermans Bend, but may be required to work and/or be based at other campuses of the University.
<b>Classification:</b>	Academic Level B
<b>Employment Type:</b>	Fixed Term (Research)
<b>Time Fraction:</b>	1.0

### RMIT University

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RMIT is a multi-sector university of technology, design and enterprise with more than 96,000 students and close to 10,000 staff globally. 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.

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

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

Our three main campuses in Melbourne are located in the heart of the City, Brunswick and Bundoora. Other locations include Point Cook, Hamilton and Bendigo, 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

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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

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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](http://www.rmit.edu.au/seh)

## Position Summary

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The Industry Research Assistant will undertake research activities in line with the University's research strategy. It is expected that the Industry Research Assistant will work with an increasing degree of autonomy as skills and experience develop. Under the auspices of DSTG/RMIT Centre for Advanced Defence Structures and Materials Experimentation (CADSME) collaboration, the Industry Research Assistant will be a member of a larger team focusing on large scale structural testing for aircraft components. The Industry Research Assistant will aid the

chief investigator in the preparation of reports that cover the testing, including preparation of resulting journal papers, conference papers or presentations based on the findings of these investigations.

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## Reporting Line

Reports to the Director of the Centre of Advanced Defence Structures and Materials Experimentation

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## 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.

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

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## Key Accountabilities

1. Conduct high quality research individually or as part of a team including: managing research projects within timelines and budget and ensuring compliance with quality and reporting requirements; publishing research results in high quality outlets as lead or co-author; preparing and submitting external research funding applications; and supervising higher degree by research candidates.
2. Conduct high quality research in the field of large-scale structural testing to support activities sponsored by the Defence Science and Technology Group (DSTG).
3. Actively contribute to the development of research strategy within the research team, ensuring it aligns to university strategy.
4. Participate as an effective member of the team.

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## Key Selection Criteria

It is highly desirable that the candidate can satisfy several of the following criteria:

1. Emerging track record and recognition for quality research outputs as evidenced by publications, development of new research initiatives, competitive research funding, and industry links.
2. Demonstrated ability to supervise higher degree by research candidates.
3. Experience and/or understanding of structures and materials testing, preferably large-scale testing.
4. Experience and/or understanding of basic test concepts such as load cells, actuators, strain gauges and hydraulic systems.
5. 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.
6. Excellent interpersonal and communications skills appropriate for interacting with higher degree by research candidates, staff and industry, together with a strong commitment to teamwork and multidisciplinary collaboration.

## Qualifications

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### Mandatory:

- PhD or equivalent in relevant field
- Appointment to this position is subject to passing a Working with Children Check, National Police Check, AGSVA security clearance and mandatory compliance training.
- The candidate must be able to gain a baseline Defence security clearance, which is only granted to Australian citizens (residency alone is insufficient)

Note: Maintaining a valid Working with Children Check is a condition of employment at RMIT.