Position Description – Research Assistant

Position Details

Position Title: Research Assistant

College/Portfolio: STEM College

School/Group: School of Engineering

Campus Location: Based at the city campus, however may be required to work and/or be based at other campuses of the University.

Classification: Academic Level A

Employment Type: Fixed Term – Research – 2.5 years

Time Fraction: 1.0

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 incorporates the fields of sciences, engineering, computing technologies and health and medical sciences.

Employing more than 1,000 staff, we provide industry relevant programs and exceptional student experience across STEM to approximately 25,000 students both onshore and offshore. Our vibrant research community attracts funding from a range of government and industry sources in support of high impact research that transforms industries, shapes lives and communities.

We are focused on creating innovative and practical solutions to real-life problems; discovering and applying new knowledge and new ways of thinking about the environment and sustainability, health and wellbeing; advanced technologies and digital transformation through research, education and training in collaboration with a wide range of partners.

Details relating to the School/College Office may be found on at:
https://www.rmit.edu.au/about/schools-colleges/stem-college

School of Engineering

RMIT's School of Engineering is renowned for its industry-relevant high-quality teaching and research, its globally competitive graduates, and its international linkages. The School of Engineering comprises a diverse range of disciplines: Advanced Manufacturing and Mechatronics; Aerospace Engineering & Aviation; Biomedical Engineering; Chemical Engineering; Civil Engineering; Computer Engineering; Electronic and Electronic Engineering; Engineering Management; Environmental and Sustainable Engineering; Mechanical and Automotive Engineering; Telecommunications Engineering. Regardless of the engineering discipline, our courses are designed to be immersive, with a strong emphasis on practical hands-on experiences, development of professional skills, and industry engagement.

At the School of Engineering, we place a high value on research and industry collaboration. Our research initiatives are at the forefront of innovation, addressing some of the most pressing challenges of our time. Through our strong partnerships with industry, our students have the unique opportunity to work on real projects that have a tangible impact. These experiences, combined with our state-of-the-art facilities and commitment to digital technologies, such as AR/VR and digital twins, ensure that our graduates are well-equipped to succeed in a rapidly evolving global workforce.

Details relating to the School/College Office may be found on at:
https://www.rmit.edu.au/about/schools-colleges/engineering

Position Summary

The Research Fellow will undertake research activities in line with the University's research strategy. It is expected that the Research Fellow will work with an increasing degree of autonomy as skills and experience develop.

Reporting Line

Reports to: Head of Department (Biomedical Engineering)

Direct reports: Distinguished Professor Cuie Wen

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

1. Conduct active and high-quality research in line with the relevant ARC project; work as a member of a team closely with the research team and under the supervision of the project leader.
2. Successfully manage research activities and milestones by ensuring progress reviews for ARC and RMIT University and are completed to the required level within agreed timeframes and budget restraints.
3. Regularly disseminate research outcomes and communicate with other team members, clients and the broader research community internal and external to RMIT University through high quality journal articles (or equivalent), delivery of seminars, and conference presentations.
4. Contribute to the development and application of plans to enhance delivery of research outcomes and performance within the School and across the University. Develop and build collegiality through active interactions and participation in events, forums, workshops in the School, College and broader research community of the University.
5. To assume joint responsibility for career development by actively participating in various activities and producing a jointly agreed development plan.
6. Undertake supervision of research students; contribute to external research funding submissions and may undertake up to 10% teaching duties.
7. Comply with occupational health and safety policies and university practices in all aspects of work.
8. Other appropriate duties assigned by the Head of Department.

Key Selection Criteria

1. Substantial knowledge in materials science and engineering, metals, alloys and composite materials, biomaterials, or related areas.
2. Proven ability to undertake high quality research in metallic biomaterials and to analyse the state of areas of technology from publications and patents.
3. Demonstrated track record and recognition for quality research outputs which have a significant impact on the field of Materials Science and Engineering, in particular metallic biomaterials.
4. Proven ability to clearly communicate research approaches, concepts and outcomes.
5. Demonstrated high level of interpersonal and communication skills, including ability to work effectively within a multidisciplinary team environment.
6. Demonstrated track record of values and behaviours consistent with RMIT enterprise vision, goals and strategic plans.

Qualifications

Mandatory: A PhD degree (or substantial progress towards the completion of a PhD degree) in Materials Science and Engineering or relevant discipline area.
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: Professor Kate Fox Title: Head of Department (Biomedical Engineering) Date:	Approved:	Signature: Name: Professor Ray Kirby Title: Dean, School of Engineering Date: