



Position Description – Postdoctoral Research Assistant

Position Details

Position Title:	Postdoctoral Research Assistant
Position Number:	NEW
College/Portfolio:	College of Science, Health and Engineering
School/Group:	Science / Biosciences and Food Technology
Campus Location:	Based at the Bundoora campus, but may be required to work and/or be based at other campuses of the University.
Classification:	Academic Level A6-8
Employment Type:	Fixed term, 12 months, Research
Time Fraction:	0.6

RMIT University

RMIT is a leading multi-sector university of technology, design and enterprise with more than 91,000 students and 11,000 staff globally. We offer postgraduate, undergraduate, vocational education and online programs to provide students with a variety of work-relevant pathways.

Our purpose is to offer life-changing experiences for our students, and to help shape the world with research, innovation, teaching and industry engagement. With strong industry connections forged over 130 years, collaboration with industry remains integral to RMIT's leadership in education, applied and innovative research, and to the development of highly skilled, globally-focused graduates.

With three campuses in Melbourne (Central Business District, Brunswick and Bundoora), two in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain, RMIT is a truly global university. RMIT also offers programs through partners in Singapore, Hong Kong, mainland China, Indonesia, Sri Lanka, Belgium, Germany, Austria and The Netherlands, and enjoys research and industry partnerships on every continent.

We are also committed to redefining our relationship in working with and supporting Aboriginal 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

We're proud to share with you:

- The launch of our second [Reconciliation Plan for Dhumbah Goorowa– a “commitment to share” - an important step in our reconciliation journey.](#)

- RMIT University is an **Athena SWAN** member with Bronze Award accreditation and the College of Science, Engineering and Health is central to driving improvements in gender equality, diversity and inclusion, particularly in the Science, Technology, Engineering, Mathematics and Medicine (STEMM) disciplines.
- RMIT was placed **10th in the 2019 Randstad Employer Brand Research Awards**, up five spots from 2018.
- We were named as an **Employer of Choice for Gender Equality** by the Workplace Gender Equality Agency in 2019.
- We achieved **Gold Employer status for LGBTIQ** inclusion in the Australian Workplace Equality Index (AWEI) in 2018 and now in 2019.
- We were recognised as a **top five employer in 2018 for workplace accessibility** with the Australian Network on Disability.

RMIT Standings in university rankings

RMIT has a deep commitment to innovation, research and teaching, we are a 5-Star university under the QS Stars international evaluation system and are **238th globally in QS World University Rankings 2020** (moved up 12 places compared to 250th last year), being also 32nd in the world among universities less than 50 years old (2014 QS Top 50 Under 50 index). Additionally:

- In the 2019 QS World University Rankings by Subject, RMIT was positioned 12th in the world (highest ranked in Australia) in Art and Design, 22nd in the world (fourth highest in Australia) in Architecture and the Built Environment, and 37th in Media and Communications. We are also among the world's top 100 universities in Engineering (Civil and Structural; Electrical and Electronic; and Mechanical, Mechanical, Aeronautical and Manufacturing); Accounting and Finance; and Business and Management Studies).
- In the 2018 QS Rankings by Subject, RMIT was ranked 11th in the world and number one in the Asia Pacific for Art and Design, and 26th in Architecture and the Built Environment. RMIT is also among the world's top 100 universities in Engineering (Civil and Structural; Electrical and Electronic; and Computer Science and Information Systems); Accounting and Finance; Business and Management Studies; and Communication and Media Studies. The 2018 Shanghai Ranking's Global Ranking of Academic Subjects highlighted RMIT's strength in Engineering and Technology in particular.
- In the specialised rankings, RMIT is ranked 77th in the QS Graduate Employability Rankings 2020 and 82nd in the inaugural Times Higher Education University Impact Rankings 2019.
- RMIT also ranks in the world's **top 400** in the 2019 Academic Ranking of World Universities and in the world's **top 400** in 2020 Times Higher Education World University Rankings.

For more information, visit rmit.edu.au/about

College/Portfolio/Group

The College comprises three Schools delivering a broad range of programs in science, engineering, health and technology at higher education certificate, bachelor, masters and PhD levels. There is a vibrant research community attracting funding from a range of government and industry sources. The College has an annual income of approximately \$500 million (with over \$50 million in external research income p/a) and employs around 1,400 staff providing on and offshore programs to approximately 30,000 students (including 1,200 PhD students).

More information about the College may be found at: 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 physical sciences, mathematical sciences and computer science.

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 health, materials technology, food, geospatial and surveying, environmental analysis, 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, 327 higher degree research students, 3347 coursework students and an annual budget of \$120 million.

Details relating to the School can be found at www.rmit.edu.au/about/our-education/academic-schools/science/

Position Summary

We are seeking to appoint a highly motivated Postdoctoral Researcher to join the team of Dr Jessica Holien at RMIT. The research conducted by our team focuses on enriching traditional bioinformatic analysis and improving high-throughput chemistry screens, leading to faster small molecule chemical hit identification. We then validate our findings in the laboratory using a range of protein chemistry, biophysical and cell biology techniques.

Working as part of Dr Holien's team, the Postdoctoral Researcher will be required to undertake experimentation in the area of structural bioinformatics and drug discovery. Ideally, the Postdoctoral Researcher will have experience in both wet lab (protein expression, purification and cell culture) and dry lab (computational biology and bioinformatics) techniques however, we are open to candidates from both fields of research with a willingness to learn.

This is an excellent opportunity for a creative postdoctoral scientist, particularly one who requires flexible working hours. As part of your role you will embed your research expertise into the life of the School through the development of high-quality, productivity-driven research networks across RMIT and with local and national, internal and external partners. This role will have responsibilities in co-supervising Higher Degree by Research students, contributing to preparation of funding applications and producing high quality research outputs. The position may undertake limited teaching duties.

Reporting Line

Reports to: Ass Prof Paul Ramsland, Discipline Leader, Biosciences and Food technology

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.

Key Accountabilities

1. Conduct research/scholarly activities under limited supervision either independently or as a member of a team including: managing research projects within set timelines and budget and ensuring compliance with quality and reporting requirements, publishing and presenting research in high quality outlets as lead or co-author; contributing to external research funding submissions; participating in supervision of higher degree by research candidates.
2. May undertake limited teaching and supervision at undergraduate levels as required.
3. Undertake administration related to the position.

Key Selection Criteria

1. Research laboratory experience in the biomedical sciences filed with specific experience in protein expression, purification and cell culture techniques AND/OR Research experience in genomics, genetics, computational biology or bioinformatics.
2. Emerging track record and recognition for quality research outputs
3. Ability to work autonomously and in a team environment, with a focus on collaborative and participative research practices, preferably within an interdisciplinary environment
4. Demonstrated ability to meet deadlines and effectively manage varying workloads and respond to changing priorities as required.
5. Scientific creativity and ability to drive own research ideas to a successful conclusion.
6. Ability to clearly communicate research approaches, concepts and outcomes
7. Excellent interpersonal and communications skills appropriate for interacting with higher degree by research candidates, staff and industry

Qualifications

Mandatory: Qualification in the relevant discipline area and have commenced or enrolled to commence their PhD.

Appointment to this position is subject to passing a Working with Children check

Preferred: Completion of the Essentials in Tertiary Teaching Practice program or equivalent¹ (if the appointed candidate does not meet this requirement at time of appointment, they will be supported to complete this as a requirement to fulfil their probation).

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

¹ Equivalence is defined in the exemption criteria at <http://www.rmit.edu.au/browse;ID=3sdrya7u8m9v1>