



# POSTDOCTORAL RESEARCH FELLOW

<b>DEPARTMENT/UNIT</b>	Future Building Initiative / Dean Faculty of Art, Design and Architecture
<b>FACULTY/DIVISION</b>	Faculty Art, Design and Architecture / Faculty of Engineering
<b>CLASSIFICATION</b>	Level B
<b>WORK LOCATION</b>	Caulfield campus

## ORGANISATIONAL CONTEXT

---

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at [www.monash.edu](http://www.monash.edu)

The **Faculty of Engineering** is one of the largest in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. The research activities range from fundamental studies to research with a strong applications orientation. The **Department of Civil Engineering** aims to provide high quality education, research and professional services globally for the mutual benefit of the students, the staff, the University, industry, the profession and the wider community. We offer several undergraduate degrees as well as postgraduate coursework degrees via both On and Off Campus Learning. The Department actively pursues innovative and significant multi-disciplinary research to address the challenges for engineering in the 21st century. For more information about us and the work we do, please visit our website:

[monash.edu/engineering/departments/civil](http://monash.edu/engineering/departments/civil)

The Faculty of **Monash Art Design and Architecture (MADA)** is an open, connected community of creative thinkers, makers and professional practitioners who tackle urgent issues together and with others. We place connection and creativity at the centre of teaching and research, and deploy this as a force for change in the world. MADA is a vibrant centre of rigorous creative practice, encompassing architecture, design and fine art integrated with traditional scholarship. MADA advocates the essential role of creative practice in quality of life and proposes and develops models for future communities that are culturally enriched and environmentally sustainable. See more at [monash.edu/artdes](http://monash.edu/artdes)

The **Future Building Initiative** is a new research and teaching lab, hosted jointly by the Faculties of MADA and Engineering. It engages with architecture and engineering and widely across government and industry. This initiative seeks to influence and transform the design, production and management of the built environment. You can read about current projects at [monash.edu/artdes/research/labs/future-building-initiative](http://monash.edu/artdes/research/labs/future-building-initiative)

## POSITION PURPOSE

---

A Level B research-only academic is expected to carry out independent and/or team research within the field in which they are appointed and to carry out activities to develop their research expertise relevant to the particular field of research.

As a member of the Future Building Initiative, the Research Fellow will contribute to an interdisciplinary program of industry-engaged research and also undertake a small amount of teaching into Project Management and/or Architecture Technology as appropriate.

This position will contribute to the Future Building Initiative's wider research on the industrialization of building. The incumbent will work in a large team of researchers, coordinate aspects of the program and integrating their research with other parallel streams of investigation.

**Reporting Line:** The position reports to the Director, Future Building Initiative

**Supervisory Responsibilities:** Not Applicable

**Financial Delegation:** Not Applicable

**Budgetary Responsibilities:** Not Applicable

## KEY RESPONSIBILITIES

---

Specific duties required of a Level B research-only academic may include:

1. Conduct original research that attracts external funding and leads to high-quality publications, in traditional and/or non-traditional outputs
2. Supervision of research-support staff involved in the staff member's research
3. Initiation and development of subject material in project management, and architectural technology, with appropriate advice from and support of more senior staff
4. Guidance in the research effort of junior members of research-only Academic staff in their research area
5. Contribution to the preparation or, where appropriate, individual preparation of research proposal submissions to external funding bodies
6. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
7. A range of administrative functions at the discretion of the supervisor, including the development of research projects, including partnerships, and project management primarily connected with their area of research
8. The conduct of teaching activities which can include, lecture classes, tutorials, practical classes, demonstrations, workshops, student field excursions, and studio sessions as well as marking and assessment within the field of the staff member's research
9. Consultation with students and supervision of higher degree candidates
10. Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental, school and/or faculty meetings and/or membership of a limited number of committees

## KEY SELECTION CRITERIA

---

### Education/Qualifications

1. The appointee will have:

- a doctoral qualification or equivalent higher degree in Architecture, Design or Engineering fields, ideally related to industrialised building and/or future building design and production.

### **Knowledge and Skills**

2. Knowledge and interest in modern and future methods of construction: industrialised building, prefabrication, digital and automated assembly, future methods of building production and manufacturing
3. High-level research outcomes, including a solid track record of refereed research publications
4. Ability to teach across Project Management and/or Architecture Technology subjects
5. Experience in research proposal preparation
6. Experience in working with higher degree students within the discipline
7. The ability to work both independently in a research environment and as part of an inter-disciplinary research team
8. High level organisational skills, with demonstrated capacity to establish and achieve goals
9. Excellent written and oral communication skills

### **OTHER JOB RELATED INFORMATION**

---

- Regular travel to Clayton campus of the University will be required for the purposes of teaching duties
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave is be restricted
- A current satisfactory Working With Children Check is required

### **GOVERNANCE**

---

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.