



POSTDOCTORAL RESEARCH FELLOW, MONASH URBAN LAB

DEPARTMENT/UNIT	Department of Architecture
FACULTY/DIVISION	Faculty of Art, Design and Architecture
CLASSIFICATION	Level B
WORK LOCATION	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.

The Faculty of Art, Design & Architecture

In Melbourne, art, design, architecture and planning are leading influences on the city's internationally-recognised cultural dynamism. Within this rich milieu, Monash Art Design & Architecture (MADA) is a vibrant centre of rigorous creative practice integrated with traditional scholarship. MADA advocates the essential role of its disciplines in proposing and developing models for future communities that are culturally enriched and environmentally sustainable.

To learn more about MADA, please visit our website: www.monash.edu/mada.

The **Department of Architecture** is an internationally networked, creative community of practitioners, educators and researchers. Underpinned by MADA's broad philosophical framework and its extensive studio and technical resources, Monash Architecture recognises design as a core activity influencing the built environment. Architecture at MADA is innovative and relevant to contemporary culture and sensitive to regional contexts and seeks to integrate with other disciplines to solve emerging societal challenges.

To this end, in 2018, MADA introduced a Master of Urban Planning & Design (MUPD). The MUPD course expands traditional planning education to include integrative design approaches that can develop the important skills required for planners to meet the future city's cultural, economic and climatic challenges.

Monash Urban Lab

The Monash Urban Lab is located in the Department of Architecture at Monash University. The Lab distinguishes itself through its unique integration of practice-based design and urban planning research. Lab research combines multi-scalar architectural design investigations with policy studies focussed on transitioning to sustainable and equitable communities. We draw on our strengths within MADA, across campus, and with Australian and international partners to support applied research solutions to community, government, and industry challenges.

The Lab pursues three integrated research areas which are each underpinned by a commitment to achieving social justice and environmental sustainability:

1. Sustainable and Inclusive Cities
 - Housing form and typology integrated with housing policy research
 - Suburban intensification that explores strategic infill, suburban retrofit and new suburban typologies
 - Community engagement with a commitment to under-represented constituencies
2. Urban Infrastructure Systems
 - Water sensitive urban design and regeneration
 - Hybrid natural and built systems
 - Re-industrialisation
3. Visualising Urban Futures
 - Visioning future urban scenarios
 - Urban data analytics
 - Critical inquiry around 'smart city' data applications in urban planning and design

The Lab is staffed by academics who are architects, urban designers and urban planners.

POSITION PURPOSE

The Postdoctoral Research Fellow strives to achieve more inclusive and sustainable cities through applied research and engagement, integrating planning and architectural research. The individual will participate in multidisciplinary research projects in one or more of the thematic areas of the Monash Urban Lab, including project coordination, as well as in various aspects of the Department's degree programs.

Reporting Line: The position reports to the Director, Urban Lab

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budget Responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Develop and participate in the delivery of high-quality research projects for the Urban Lab
2. Conduct original research that will lead to publications in refereed journals and NTROs (if applicable) and attract industry and government project funding
3. Build and sustain partnerships and networks with clients, relevant research bodies and service providers on behalf of the Monash Urban Lab and Urban Planning & Design program
4. Provide administrative support and project management assistance

5. Attendance at departmental, school and/or faculty meetings and a role in planning or committee work

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A research doctorate or equivalent higher degree in urban planning, urban design, architecture, landscape architecture, geography; or
 - related discipline and relevant industry experience

Knowledge and Skills

2. An understanding of research in planning and architecture or design related disciplines
3. A promising record of research excellence in urban studies and/or architecture, evidenced through relevant research grants and publications, project outcomes and professional esteem
4. Demonstrated project management skills, with potential to successfully support projects through to completion
5. Demonstrated ability to engage across a range of audiences, including professional and academic communities and to broker linkages with industry government and or other communities and administrative activities and tasks
6. A high-level of interpersonal skills and demonstrated ability to work independently and collegiately, across both the academic and professional service sectors of the university

OTHER JOB RELATED INFORMATION

- Travel (e.g. to other campuses of the University) may be required
- There may be peak periods of work during which the taking of leave may be restricted

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.