SENIOR LECTURER – URBAN SCALE DESIGN RESEARCH

DEPARTMENT/UNIT	Department of Architecture
FACULTY/DIVISION	Faculty of Art, Design and Architecture
CLASSIFICATION	Level C
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 Monash Art, Design & Architecture**, **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 are dissolving the boundaries between disciplines to create new space to imagine real change and envisage the possibilities of the future. We place connection and creativity at the centre of teaching and research, and deploy this as a force for change in the world.

In Melbourne, art, design and architecture are leading influences on the city's internationally recognised cultural dynamism, exhibited through significant collecting and exhibiting institutions, commercial galleries and innovative cultural production. Within this rich milieu, 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.

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 engaged with the shifting landscapes of the discipline, and the changing role of the architect as designer, persuasive collaborator and visionary mediator. Underpinned by MADA's broad philosophical framework and its extensive studio and technical resources, Monash Architecture recognises design as the core activity influencing the built environment.

Our educational program looks to strike a fine balance between cutting edge architectural practice (with all of its practicalities, skills, and exigencies) and the pursuit of new knowledge (equally creative and technical, critical and speculative). We regard architectural design as the crucial site of integration and synthesis, where design education and specialist knowledge in other architectural sub-fields comes together.

Architecture at MADA strives to be innovative and relevant to contemporary society and contexts. It encourages connections between art, design and architecture through design-based teaching, research and traditional scholarship as well as collaborating with other disciplines to solve emerging social and environmental challenges. The department has research strengths in integrated planning and applied design research via its Urban Laboratory; in interdisciplinary humanities-based and creative architectural research through its Critical Practices Research Laboratory; and increasingly also in architectural technologies and digital fabrication.

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 research and urban planning research. Lab research combines multi-scalar design investigations with policy studies focussed on transitioning to sustainable and equitable communities.

The Lab pursues three integrated research areas that 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

A research-focused senior lecturer will establish and lead the design-based research of multidisciplinary projects in the Monash Urban Lab. The Senior Lecturer will demonstrate a history of successful, urban-scaled design-based research projects. The incumbent plays a major role in multi-disciplinary teams to address one or more of the thematic research directions of the Lab. Although primarily a research role, the incumbent will also possess a strong interest in teaching and professional engagement within the urban focused design disciplines.

The incumbent is expected to make significant contributions to the teaching, research and professional engagement activities of the Department of Architecture. They will pursue opportunities for collaboration with other Monash disciplines, including Urban Planning and Engineering. They are also expected to secure external funding and support from both industry and government agencies and instigate new funded research initiatives within the Urban Lab. The role will also maintain a public profile within academic and practitioner communities.

Reporting Line: The position reports to the HOD Architecture

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budget Responsibilities: Not applicable

KEY RESPONSIBILITIES

1.   Play a significant role in the development, oversight and delivery of high-quality research projects within the Urban Lab, including team and program leadership where appropriate

2. Conduct original design research that will lead to significant non-traditional and traditional research outputs and attract industry and government project funding

3. Build and sustain partnerships, collaborations and networks with clients, relevant research bodies and service providers on behalf of the Monash Urban Lab and the Urban Planning and Design Program

4. Consult with students and supervise higher degree candidates

5. Undertake teaching in architecture and urban planning and design, including the conduct of projects, study units, tutorials, lectures, seminars, workshops, and student field excursions as well as marking and assessment

6. Broad administrative functions including course coordination, offering guidance to colleagues and supervision of sessional staff / research associates where appropriate

7. Attend departmental, school and/or faculty meetings and play 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 architecture, urban design or landscape architecture. In exceptional circumstances an applicant without a doctorate but with an outstanding track record of high impact and disseminated non-traditional research outputs will be considered

Knowledge and Skills

2. An understanding of the role of architecture and urban design in the built environment, and a clear vision of the role of the tertiary institution in undertaking urban-scaled design-based research as well as preparing graduates for practice

3. A record of excellence in urban scale design research, evidenced through relevant research grants and publications, project outcomes and professional esteem. Please refer to the appendix for explanation of non-traditional research outputs and expectations for a senior lecturer

4. Demonstrated project management skills including administrative activities and tasks, with a proven record of successfully leading 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

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

7. Commitment to high quality education including a strong record of teaching excellence in a tertiary environment, ideally with experience in course development

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.