

Position description

Senior Lecturer (Interaction Design)

Department/Unit	Faculty of Information Technology
Faculty/Division	Faculty of Information Technology
Classification	Level C
Work location	Caulfield campus
Date document created or updated	23 February 2017

Organisational context

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu

The **Faculty of Information Technology** aims to lead global IT research and education. Our strong reputation and international profile attracts the best students worldwide and we offer a range of accredited courses that transform our graduates into highly skilled and sought after IT professionals, equipped to work globally. Our research is multi-disciplinary, multi-campus and multi-national, giving us a unique capacity to reach out further and deeper than any other institution in Australia. Our research priorities are both technically ambitious and embedded in everyday life. To learn more about the Faculty and the exciting work we do, please visit our website: www.infotech.monash.edu.au/

Position purpose

The Senior Lecturer in Interaction Design will make an outstanding contribution to all activities of the Faculty of Information Technology in Interaction Design. The appointee will have responsibility for providing leadership and fostering excellence in research, teaching, professional activities and policy development in the specific field of expertise across the Faculty, Monash and the broader community.

The Faculty of IT has a track record of internationally renowned research into electronic media arts, information visualization, physical computing and virtual heritage. The faculty would like to complement this with innovative research in interaction design in order to support new research in its major research initiatives: **sensiLab** and **Immersive Analytics**. The new Senior Lecturer in Interaction Design will lead transformative research, education and industry/professional/community engagement programs in interaction design both within the Faculty of IT and with the wider university. The position will be based within sensiLab at Monash's Caulfield Campus (<http://sensilab.monash.edu>).

This position represents an exciting opportunity for a talented person with demonstrated high-quality research experience in working with emerging technologies in areas such as virtual and augmented reality, design computing and computational design, physical computing, haptic interfaces, immersive visualization (including virtual, augmented and mixed realities) and tangible interaction design. sensiLab is well equipped with a range of exciting new technologies including custom immersive visualisation systems, Oculus Rift, HTC Vive, Microsoft HoloLens, interactive devices such as the Myo gesture armband, Leap Motion and Intel RealSense, along with a range of sensor devices, microcontrollers, Internet of Things (IoT) devices, FDM and SLS 3D printing and robotic fabrication systems. The lab supports and encourages multi-disciplinary collaboration and has built productive partnerships across many different disciplines, including health, wellbeing and medicine, the creative arts, digital humanities, transport, games, and cultural studies.

The appointee is expected to strengthen the existing capability of Monash University and to further enhance its reputation as a leader in research and teaching.

Reporting Line: This position reports to the Head of School or nominee

Supervisory responsibilities: The position supervises Postgraduate/PhD research students

Financial delegation and/or budget responsibilities: Not applicable

Key responsibilities

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and studio sessions
2. Initiation and development of course material
3. Course coordination
4. The preparation and delivery of lectures and seminars
5. Supervision of major honours or postgraduate research projects
6. Supervision of the program of study of honours students and of postgraduate students engaged in course work
7. The conduct of research
8. Significant role in research projects including, where appropriate, leadership of a research team
9. Involvement in professional activity
10. Consultation with students
11. Broad administrative functions
12. Marking and assessment
13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work

Key selection criteria

Essential criteria

1. Research doctorate in Design Computing, Interaction Design or similar field
2. Demonstrated record of undertaking outstanding research in Interaction Design
3. Demonstrated record of publishing in high impact journals and international conferences or the equivalent practice-based record of achievement
4. Demonstrated record of obtaining significant external grants for research
5. Demonstrated record of successfully supervising postgraduate research students
6. Demonstrated experience in developing and delivering high quality teaching materials at all level levels with positive student feedback
7. Demonstrated excellent written and verbal communication skills
8. Demonstrated ability to take a lead role in departmental research, scholarship and teaching matters

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