MONASH SUZHOU SCIENCE and TECHNOLOGY RESEARCH INSTITUTE (MSSTRI)

SENIOR LECTURER (ADJUNCT), MONASH UNIVERSITY & SENIOR RESEARCH FELLOW, MONASH SUZHOU SCIENCE AND TECHNOLOGY RESEARCH INSTITUTE

SALARY RATES	RMB 411,845 - 481,515
WORK LOCATION	Suzhou, China
EMPLOYMENT TYPE	Full time or Part time
DURATION	3 year fixed-term appointment
CLASSIFICATION	Level C

ORGANISATIONAL CONTEXT

Founded in 1958, Monash University (**Monash**) has firmly secured its place as a leading global university. 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. Monash is 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.

Monash is honoured to be the first Australian university to receive a licence to operate in China, one of the world's largest and fastest-growing economies, via the partnership at Suzhou with the Southeast University (**SEU**), one of China's key national universities as well as establishment of Monash (Suzhou). The SEU-Monash partnership consists of the Joint Research Institute (**JRI**) and the Joint Graduate School (**JGS**), and will produce postgraduates and researchers with ideas to change people's lives in the region and the world for the better.

The collaboration is based at Suzhou Industrial Park (**SIP**), which is one of the largest innovation precincts in China and recognised as one of the world's most dynamic places for converting clever research into valuable industrial processes and products. It is a hub for more than 100 Fortune 500 companies, 480 R&D organisations, as well as 10 national and 28 international higher education institutions.

To facilitate the collaboration Monash established the Monash Suzhou Science and Technology Research Institute (Monash Suzhou Research Institute (**MSRI**) in short), a not for profit research institute in SIP. MSRI aims to provide a wide range of R&D support to Monash in China in five priority research areas including:

- Advanced computation in science and engineering;
- Advanced materials and manufacturing;
- Energy and environment;
- Future cities; and
- Life sciences

MSRI aims to attract outstanding researchers and high calibre research students. Research in the long term will not be limited only to the above themes; based on the research strengths of SEU and Monash, research in other areas will also be developed and promoted in time. It is the intention to build up a critical mass of researchers at the MSRI and the JRI and strengthen relationships in R&D with local and international industries and other institutions in China.

POSITION PURPOSE

A Level C academic (Senior Lecturer) is expected to make significant contributions to the teaching effort of the JGS. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities relevant to the particular research theme to which the incumbent is appointed.

Incumbents are expected to take a major role in planning, evaluating, and delivering courses and units in collaboration with the relevant Monash Department or School, and other academic staff within the MSRI, JRI and JGS. Incumbents are also expected to participate in one of the above research themes in collaboration with Monash academic staff and with other academic staff within the MSRI, JRI and JGS.

This position will support research aligned with the Faculty of IT, Monash University and MSSTRI research strategies and strengths, and teach into the Master of Information Technology Systems (MITS) and Master of Artificial Intelligence (MAI) programmes in Suzhou, as well as engage in appropriate service and leadership to the Faculty and Centre for the position level.

Broad key research interests include, but are not limited to, software engineering, cybersecurity, machine learning and artificial intelligence or human-centred computing. Key teaching interests include mobile and distributed computing systems, enterprise and internet applications development, network protocols and network security, modelling discrete optimisation problems, natural language processing, deep learning and planning, automated reasoning and human-centred AI.

Reporting Line: This position reports to the Head of the relevant Department or School at Monash for teaching activities performed in the JGS and the Centre Director of the relevant research theme within the MSRI for research related activities

Supervisory Responsibilities: The position is required to provide research supervision to junior research staff such as postdoctoral fellows and postgraduate research students

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. Initiation and development of subject material
2. The preparation and delivery of lectures and seminars
3. Course coordination
4. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
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
14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
    - A doctoral qualification and recognised significant experience in the relevant discipline area or a closely related field

In determining experience relative to qualifications, regard shall be had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or contributions to technical achievement. In addition, a position at this level will normally require a record of demonstrable scholarly and professional achievement in the relevant discipline area.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors
3. Demonstrated publication record in high-quality refereed journals, conferences equivalent textbooks or teaching resources
4. Proven ability, commitment and passion for engaging in scholarly and research activities
5. Ability to work positively and cooperatively with students, internal and external teams and external organisations
6. Demonstrated strong record of teaching experience in a tertiary environment including course coordination
7. Demonstrated ability in undertaking outstanding research and leading a research team and project
8. Proven record of obtaining significant external grants for research
9. Demonstrated record of successfully supervising postgraduate research students
10. Demonstrated ability to motivate, actively engage and educate a given audience
11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
12. Excellent oral and written communication in English and desirable for strong written and oral communication in Mandarin

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University will be required
- 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 may be restricted
- Eligible to work in mainland China either as a PRC national or a Non-PRC national with a current and valid employment permit

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and MSRI and Monash 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.