POSITION DESCRIPTION

MELBOURNE SCHOOL OF ENGINEERING

POSITION TITLE

POSITION NO	0046733
DEPARTMENT	School of Computing and Information Systems
CLASSIFICATION	Lecturer (Level B) or Senior Lecturer (Level C)
SALARY	$95,434 - $113,323 p.a. (Level B)
	$116,901 - $134,792 p.a. (Level C)
	Level of appointment is subject to qualifications and experience
SUPERANNUATION	Employer contribution of 17%
WORKING HOURS	Full-time continuing positions (1.0 FTE)
REPORTS TO	Professor, Computing and Information Systems
CONTACT FOR ENQUIRIES ONLY	Professor Karin Verspoor Email: karin.verspoor@unimelb.edu.au *Please do not send your application to this contact*
LOCATION	Parkville campus *This position may be required to travel to and work across multiple campuses*

For information about working for the University of Melbourne, visit our website:
about.unimelb.edu.au/careers

The University of Melbourne

Established in 1853, the University of Melbourne is a public-spirited institution that makes distinctive contributions to society in research, learning and teaching and engagement. It's consistently ranked among the leading universities in the world, with international rankings of world universities placing it as number 1 in Australia and number 32 in the world (Times Higher Education World University Rankings 2017-2018).

To discover more about the University's strategy, Growing Esteem, visit:

https://about.unimelb.edu.au/strategy/growing-esteem

Melbourne School of Engineering

Melbourne School of Engineering (MSE) has been the leading Australian provider of engineering and IT education and research for over 150 years. We are a multidisciplinary School organised into three key areas; Computing and Information Systems (CIS), Chemical and Biomedical Engineering (CBE) and Electrical, Mechanical and Infrastructure Engineering (EMI). MSE continues to attract top staff and students with a global reputation, and has a commitment to knowledge for the betterment of society.

Our ten-year strategy, MSE 2025, is our School's commitment to bring to life the University-wide strategy *Growing Esteem* and reinforce the University of Melbourne's position as one of the best in the world. Investment in new infrastructure, strengthening industry engagement and growing the size and diversity of our staff and student base to drive innovation and develop the transformative technologies of the future are all fundamental principles underpinning MSE 2025. To find out why you should join MSE, visit:

http://www.eng.unimelb.edu.au/about/join-mse/why-join-mse

The School of Computing & Information Systems

The School of Computing & Information Systems (CIS) undertakes research and teaching across a range of information technology disciplines including Software Engineering, Information Systems, and Computer Science. It offers a comprehensive range of IT courses at all levels, including offerings in science, engineering, and business, and is at the forefront of computing research in Australia and internationally with close links to major computing research initiatives, including Melbourne Bioinformatics, IBM Research, the Microsoft Research Centre for Social Natural User Interfaces (SNUI), and DATA61 (formerly NICTA).

The School's aim is to attract and retain outstanding staff available in order to maintain a leading research and teaching. We have an existing highly successful research team in the area of the appointment, a large number of PhD students, and a substantial cohort of graduate students in our coursework Masters programs.

To find out more about CIS, visit: http://www.cis.unimelb.edu.au/

Position Summary

The Melbourne School of Engineering (MSE) is seeking dynamic academics with expertise in Digital Health, Health Informatics, Health Information Systems, Health Data Analytics, or related fields.

You will have a substantive position in the School of Computing and Information Systems (CIS) and will also be part of a specialised academic team in a new University Centre for Clinical and Population Health Informatics. This innovative Centre represents a collaboration between CIS and the University's Faculty of Medicine, Dentistry and Health Sciences and is a major strategic step in developing a data-informed environment that will benefit patients and the wider population, through research translation, prevention, system performance and optimised care.

The University is affiliated with several of Australia's leading tertiary and specialist hospitals, within the Melbourne Biomedical Precinct. The state and federal governments are committed to delivering public health initiatives with large systematic databases, including patient-controlled electronic medical records. This organisational and policy landscape offers ideal conditions to create a world-leading clinical and population health informatics ecosystem.

You will be an aspiring leader in Digital Health research, with ambition to publish in high quality journals and conferences, mentor research students, and secure independent grant funding to support a program of research, in collaboration with colleagues in the new Centre.

You will also make a significant contribution to CIS teaching in digital-health related roles. You will teach into programs offered through the new Centre for Clinical and Population Health Informatics, including the Master of Information Systems (Health), the Graduate Certificate in Health Informatics and Digital Health, the upcoming Master of Applied Analytics, and other graduate, undergraduate and professional development programs in the Centre, and take on administrative roles commensurate with the position.

The University plan seeks to increase the diversity of the workforce and the representation of women in areas they have been traditionally under-represented. Consistent with this the School is seeking to increase the representation of women in the academic workforce across engineering disciplines. Under a Special Measure, under Section 12 (1) of the Equal Opportunity Act 2010 (Vic) the School is seeking to lift the representation of women from 20% in 2014 to at least 25% over the next 5 years, and strongly encourages applications from suitably qualified female candidates.

1. Selection Criteria

ESSENTIAL

- A PhD in Health Informatics, Health Data Analytics, Health Information Systems, or equivalent;
- A relevant research track record as evidenced by research publications in high-quality journals or relevant conferences;
- Potential to achieve the highest levels of scholarship;
- Capacity to teach effectively across a range of subjects in computer science, including the capacity to develop and deliver seminars and lectures and contribute to other teaching activities;
- Excellent oral and written communication skills, including the ability to interact with University staff at all levels and to build networks with industry and other researchers, both local and international;
- Ability to work as part of a team, and build rapport with all levels of staff within a diverse work environment;
- Capability for collaboration and interaction with industry.
- Experience in obtaining competitive research funding, either individually or as part of a team; and
- A willingness and ability to supervise graduate research students.

IN ADDITION TO THE ABOVE FOR APPOINTMENT AT LEVEL C:

- A strong publication record and demonstrated independence of scholarship;
- The development of educational programs and methods;
- A successful record of attracting competitive research funding;
- A successful record of engaging industry, government and/or the community in teaching and research;
- Experience in supervision of research higher degree students.
- Experience in curriculum development and implementation at undergraduate and postgraduate level that will maintain the School's programs at the highest international standards.

2. Key Responsibilities

TEACHING AND LEARNING

- Coordinate and conduct lectures and tutorials at undergraduate and postgraduate level, including engagement in teaching innovation and improvement;
- Preparation of project work to support student learning;

- Performing marking and assessment duties and be responsible for supervision of project marking in subjects as lecturer-in-charge;
- Providing adequate access for and effective student consultation;
- Being proactive in the development of subject materials and delivery, including the use of web resources as appropriate;
- Act as Subject Coordinator with responsibility for the design, development, coordinated delivery and ongoing improvement of that subject and keep the Teaching Liaison Coordinator informed of changes to personnel and/or requirements;
- Consult with students;
- Supervise undergraduate, graduate or postgraduate students engaged in coursework or smaller research projects;
- Demonstrate interest in the continued improvement of teaching quality.

RESEARCH

- Provide a significant degree of scholarly research initiative and collaboration in the discipline of Clinical and Population Health Informatics;
- Exercise leadership in scholarly research, in conjunction with other colleagues;
- Present research workshops and seminars within the Centre and the School;
- Publish papers in reputable international journals and conferences in Clinical and Population Health Informatics;
- Contribute to the attainment of external research grant income;
- Participate as a chief investigator on research projects;
- Supervise postgraduate students in areas related to the discipline;

ENGAGEMENT

- Build and foster partnerships with industry, government, collaborators at other Universities and other stakeholders that contribute to the engagement of teaching and research in the wider community engagement;
- Actively participate in professional activities including consulting, workshops, meetings of professional societies and short courses for external participants;
- Participate in external Centre and School activities such as student events, school visits and industry liaison activities.

SERVICE AND LEADERSHIP

- Participation in industry and community liaison activities as arranged by the School or the Centre;
- Participation in School and Centre activities such as student events and school visits.

OTHER

- Perform other tasks as requested by the Head of School or in consultation with the Director of the Centre;
- Undertake Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in Section 5.

ADDITIONAL RESPONSIBILITIES FOR APPOINTMENT AT LEVEL C:

- Supervision of major undergraduate, graduate or postgraduate research projects;
- Significant role in research projects including, where appropriate, leadership of a research team;
- Significant role in knowledge transfer and community engagement;
- A major role in planning or committee work.

3. Equal Opportunity, Diversity and Inclusion

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification and victimisation. The University makes decisions on employment, promotion and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers and visitors with a safe, respectful and rewarding environment free from all forms of unlawful discrimination, harassment, vilification and victimisation. This commitment is set out in the University's People Strategy 2015-2020 and policies that address diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people's age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous deserve to service for excellence and reach the targets of Growing Esteem.

4. Occupational Health and Safety (OHS)

All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct.

OHS responsibilities applicable to positions are published at:

http://safety.unimelb.edu.au/topics/responsibilities/

These include general staff responsibilities and those additional responsibilities that apply for Managers and Supervisors and other Personnel.