

Position Title:	Senior Lecturer (Human Factors)
Position Classification:	Level C
Position Number:	NEW
Faculty/Office:	Faculty of Science
School/Division:	School of Psychological Science
Centre/Section:	NA
Supervisor Title:	Head of School
Supervisor Position Number:	315526

Your work area

The UWA School of Psychological Science is positioned within the University's Faculty of Science, which is internationally renowned for its excellence in teaching and research, founded on core interdisciplinary strengths. The University of Western Australia is rated above world standard in 38 fields of research, and around 80% of these are science fields. We have world leading expertise across a diversity of disciplines that include not only psychological science, and other aspects of human sciences, but also agricultural, biological, chemical, earth, environmental, and molecular sciences. The Faculty builds on these core strengths to deliver an innovative, cross-disciplinary research agenda through six strategic research themes where our expertise enables us to have a transformative impact. The School of Psychological Science makes a major contribution to research progress within these themes, which are: Enhancing Physical, Mental and Social Wellbeing and Performance; Preventing, Diagnosing and Treating Disease; Furthering Knowledge and Serving Humanity; Managing and Restoring the Natural Environment; Feeding the World; and Energy and Mineral Resources for a Sustainable Future.

The School of Psychological Science comprises over 60 staff who deliver a world-class research and education experience to approximately 5000 undergraduate and postgraduate coursework students. The School is also responsible for the research training of over 130 PhD students, many of whom have been awarded scholarships. The School is research intensive with internationally recognized expertise in Human Factors, Industrial and Organisational Psychology, Perception, Cognition, Developmental Psychology, Social and Personality Psychology, Neuropsychology and Abnormal Psychology. The School also hosts the Centre for Advancement into Research in Emotion (CARE) headed by ARC Laureate Fellow, Professor Colin MacLeod.

The School's strengths have been recognised internationally, with Psychology at UWA ranked in the top 50 in the QS World University and top 100 in the ARWU rankings. UWA has also received the highest rating (5: well above world standards) for Psychology in each of the three rounds of the national Excellence in Research for Australia (ERA) evaluations: an achievement matched in this discipline by only one other Australian university. These rankings reflect the quality of our staff, our strong undergraduate and postgraduate programs, the School's capacity to attract substantial grant funding to support innovative research, and the high citation rates of our publications.

Human Factors staff in the School of Psychological Science have been highly productive both in terms of research and industry engagement. Since 2015, the School has been awarded close to \$15 million of external research funding, with around \$3.5 million of this amount having been attracted by staff in the Human Factors area. This external funding for Human Factors research has been secured from national competitive schemes (e.g., Australian Research Council Discovery and Linkage Grants) and through

national and international industry partnerships (e.g., Defence Science and Technology Group, The Office of Naval Research Global (U.S), The Asian Office of Aerospace and Development (U.S), Chevron Energy Technology, Neurotrauma Research Program, Perth Airport, and Airservices Australia).

Human Factors staff in the School have access to state-of-the art laboratories that include simulations of air traffic control, unmanned vehicle control, future submarine control rooms, army tank convoy tasks, and driving. Our staff working in the Human Factors field have significant international reputations, with members of the School's Human Factors team serving as Associate Editors of *Human Factors* and of the *Journal of Experimental Psychology: Applied*, and publishing work in the premier scholarly journals (e.g., *Psychological Review*, *JEP: Applied*; *JEP: General*; *Human Factors*; *Accident Analysis and Prevention* etc.). A key focus of the School's Human Factors research has been on user impact, and this work has informed national and international policy in the aviation, defence, and resource sectors by directly informing job design practices in operational contexts.

The Human Factors group is closely involved with the UWA Industrial and Organisational and the new Master of Business Psychology postgraduate programmes. There is substantial collaboration between Psychological Science and Engineering, Medicine, and the Management and Organisations group within the UWA Business School, which brings critical mass to research in the Human Factors area within the University. The University regards Human Factors as an area of significant strategic growth due to the high demand for both laboratory and field research to be conducted in concert with technical industries, the defence sectors, and healthcare institutions.

For further information, please contact the Co-Deputy Head of School, Psychological Science, Professor Simon Farrell on Simon.Farrell@uwa.edu.au

Reporting Structure

Reports to: Head of School

Your role

The appointee will have responsibility for building on our research and training strengths in Human Factors. The successful candidate will be expected to play a significant part in further developing the international research reputation of the School in the Human Factors domain, by attracting external research funds, establishing collaborations with researchers within and outside the School, and publishing influential papers. The appointee also will also play a key role in the development of research-led teaching in Human Factors, and related fields, including the training of evidence-based applications of Human Factors. Teaching responsibilities will include the delivery of lectures and seminars in Human Factors, or cognate areas, to undergraduate and postgraduate students. In addition, the successful candidate will supervise honours and postgraduate research students. The successful candidate will be involved in arranging placements that will enhance students' understanding of Human Factors in applied settings, and will contribute to the core service activities of the School, the Faculty and the University.

Key responsibilities

RESEARCH & SCHOLARSHIP

Create significant and sound new knowledge in Psychology and disseminate it through means that will enhance the reputation of the School and the University (e.g., publication in highly ranked peer reviewed journals of international standing).

Create and help lead cross-disciplinary research initiatives in local, national and international arenas.

Develop a network of contacts with local, national and international universities for the purposes of research collaboration and the enhancement of the reputation of the School and the University.

Play a leading role in bids for major research funding from national competitive funding agencies, from international funding agencies, and from industry and government partners.

Foster the research of other groups and individuals in the School, both in the field of Human Factors and in related discipline areas.

TEACHING & LEARNING

Contribute and commit to high quality, effective teaching, and unit coordination.

Provide high quality supervision of Honours, Masters and PhD research projects.

Take an active role in undergraduate and/or postgraduate education policy, curriculum development, and teaching to ensure an excellent student experience.

Where appropriate, develop and supervise Master student placements to strengthen researcher-industry partnerships.

SERVICE

Contribute to the governance and collegial life within the School, across the Faculty and University and more broadly outside the institution including providing leadership in School and Faculty governance.

Work within the legislative requirements of the University and support the University's commitment to equity.

Represent The University of Western Australia through involvement in professional associations, conferences, and other external activities.

Attend School and Faculty meetings as required

Other duties as directed by the Head of School.

Your specific work capabilities (selection criteria)

Hold a PhD in Psychology, preferably in an area relevant to Human Factors.

Have a strong track record in Human Factors research, including a history of publication in high quality journals and significant successful funding applications relative to opportunity

Have made an outstanding contribution to high quality teaching in the field of Human Factors, or related areas, and display a willingness to develop curriculum and a commitment to enhancing the student experience

Demonstrate evidence of a strong track record in the supervision of Honours, Masters and PhD students.

Have a substantiated collegiate attitude, evidenced by a record of effective teamwork and a proven capacity to work with diverse groups, within and between Schools and Faculties and in collaborative research and training partnerships with industry and government personnel.

Have experience in the successful development and implementation of School, Faculty and University policy, and the capacity to effectively handle administrative matters.

Show significant evidence of the ability to effectively represent the discipline and School at Faculty and University levels, and to engage in highly effective communication with members of the community, professional bodies, industry, government and/or advisory groups.

Special Requirements

No special requirements

Compliance

Workplace Health and Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

Equity and Diversity

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/publications/code_of_ethics, <http://www.equity.uwa.edu.au>