
Position Title:	Lecturer/Senior Lecturer (Human Factors)
Position Classification:	Level B/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 Faculty of Science is internationally renowned for its excellence in teaching and research. The University of Western Australia is rated above world standard in 38 fields of research, and 79% of these are a science field. The diverse nature of the Faculty of Science provides unique opportunities for research and student training. The Faculty is, therefore, well positioned to play a leading role in defining Australia's future. We have world leading expertise across a diversity of disciplines embracing agricultural, biological, chemical, earth, environmental, human, molecular and psychological sciences. This excellence is founded on our core, disciplinary strengths. We are building on these core strengths to deliver an innovative, cross-disciplinary research agenda through six strategic research themes where our expertise at UWA is ideally placed to have a transformative impact. These themes are: Preventing, Diagnosing and Treating Disease; Energy and Mineral Resources for a Sustainable Future; Furthering Knowledge and Serving Humanity; Managing and Restoring the Natural Environment; Feeding the World; and Enhancing Physical, Mental and Social Wellbeing and Performance.

The School of Psychological Science comprises over 40 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 PhD 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 100 in both the QS World University rankings by subject, and in the recent ARWU rankings. UWA has 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 by only one other Australian university. These rankings reflect the quality of the staff in the School, our strong undergraduate and postgraduate programs, the School's capacity to attract substantial research grant funding and the high citation rates of our publications.

The Human Factors staff in the School have been highly productive in research, training, and industry engagement over the past decade. Since 2015, the group has attracted \$2.37M in research funds from national competitive schemes (e.g., Australian Research Council) and through national and international industry partnerships (e.g., Defence Science and Technology Group, The Office of Naval Research Global (U.S), Chevron Energy Technology, Neurotrauma Research Program, Perth Airport, and Airservices Australia). The Human Factors staff in the School have access to state-of-the art laboratories that include air traffic control, unnamed vehicle control, submarine control room, army tank convoy, and driving simulators. The Human Factors staff in the School have a significant international reputation (e.g., current Associate Editors at *Human Factors* and at the *Journal of Experimental Psychology: Applied*).

The Human Factors group is aligned with the UWA Industrial and Organisational and the *new* Master of Business Psychology postgraduate programmes. There is substantial collaboration between Psychology and Engineering, Medicine, and the Management and Organisations group in the UWA Business School, which brings critical mass to research in the Human Factors area within the University. The University regards Human Factors as a significant strategic growth area due to the high demands for both laboratory and field research to be conducted in workplaces such as technical industries, the defense sectors, and healthcare institutions. The School is looking to appoint an exceptional individual to build on this current capacity in Human Factors.

For further information, please contact the Head, School of Psychological Science, Professor Romola Bucks romola.bucks@uwa.edu.au.

In addition, for further information about the current Human Factors research team at UWA, or the Industrial and Organisational/ Business Psychology postgraduate courses, please contact Associate Professor Shayne Loft, Shayne.Loft@uwa.edu.au

Reporting Structure

Reports to: Head of School

Your role

The appointee will have responsibility for building on our strengths in Human Factors, in association with the broad disciplines of industrial and organisational psychology, business, and/or our other research strengths. The role includes teaching in Human Factors, or a related field, either at undergraduate or postgraduate level, including supervising research students at Honours and postgraduate levels. If appropriate, the role will include helping to supervise placement students in one or more of the Applied Psychology master programs. The appointee will be expected to play a significant part in further developing the international research reputation of the School especially in Human Factors. The role carries the expectation that the individual will attract research funds and develop collaborations with researchers within and outside the School. The appointee will also play a key role in the development of research-led teaching and evidence-based practice in Human Factors, or related fields. The appointee will contribute to the core service activities of the School and Faculty and to the University's community and engagement agenda.

Key responsibilities

Level B

RESEARCH & SCHOLARSHIP

Create significant 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).

Join or develop a research team to initiate research 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.

Either as an individual and/or as part of a team, play a role in bids for major research funding from national competitive funding agencies, from international funding agencies, and from industry and government partners.

TEACHING & LEARNING

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

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

Contribute to developing undergraduate and postgraduate education policy and curricula to ensure an excellent student experience.

Where appropriate, assist in the supervision of Master's students on 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.

Work within the legislative requirements of the University and supporting 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.

Level C

RESEARCH & SCHOLARSHIP

Create significant 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 substantial 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 within the particular discipline and within related disciplines.

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.

Level B

Have a good track record in human factors research with publication in high quality journals, and with successful funding applications relative to opportunity.

Have experience in delivering high quality teaching in human factors or a related area with a commitment to continuous improvement and enhancing the student experience.

Demonstrate evidence of good supervision of Honours, Masters and/or PhD students.

Have a substantiated collegiate attitude, evidence of effective teamwork and a commitment to working with diverse groups both internally with the different Schools and Faculties as well as externally with industry and government personnel to develop collaborative research and research training projects.

Demonstrate strong interpersonal and communication skills, particularly in liaison with university colleagues, and/or governments or industry, as relevant.

Level C

Have a strong track record in human factors research with publication in high quality journals and significant successful funding applications relative to opportunity

Have made a strong outstanding contribution to high quality teaching in human factors or a related area with a willingness to develop curriculum and a commitment to continuous improvement and 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, evidence of effective teamwork and a proven capacity to work with diverse groups both internally with the different Schools and Faculties as well as externally with industry and government personnel to develop collaborative research and research training projects

Demonstrate experience in the development and execution of School, Faculty and University policy and administrative matters, show significant evidence of representing the disciplinary mix of the School at Faculty and University levels including 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>