



POSITION DESCRIPTION

Melbourne School of Psychological Sciences
Faculty of Medicine, Dentistry and Health Sciences

Postdoctoral Research Fellow in Psychology

POSITION NO	0048673
CLASSIFICATION	Research Fellow, Level A
SALARY	\$72,083 - \$97,812 p.a.
SUPERANNUATION	Employer contribution of 9.5%
WORKING HOURS	Full-time
BASIS OF EMPLOYMENT	Fixed-term position for 2 years Contract type: Externally Funded Employment
OTHER BENEFITS	http://hr.unimelb.edu.au/careers/working/benefits
CURRENT OCCUPANT	New
HOW TO APPLY	Online applications are preferred. Go to http://about.unimelb.edu.au/careers , select the relevant option ('Current Opportunities' or 'Jobs available to current staff'), then find the position by title or number.
CONTACT FOR ENQUIRIES ONLY	Associate Professor Marta Garrido marta.garrido@unimelb.edu.au

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

Position Summary

The Melbourne School of Psychological Sciences, within the Faculty of Medicine, Dentistry and Health Sciences, is one of the leading schools of Psychology in Australia, with active research programs in Cognitive and Behavioural Neuroscience, Clinical Science, Cognitive and Mathematical Psychology, and Social and Personality Psychology. We have a large undergraduate and fourth-year teaching program and an extensive postgraduate program providing research and professional training.

The School also has an active research cohort encompassed in several broad research themes. The School has recently established three research hubs in Complex Human Data, Decision Science, and Ethics and Well-being, and has also developed two major initiatives in Behaviour Change and Translational Clinical Science.

The Research Fellow will perform research in the laboratory of, and report to, Associate Professor Marta Garrido. The appointed Research Fellow will have the opportunity to work in collaboration with Professor Gareth Barnes at the Wellcome Trust Centre for Human Neuroimaging, University College London. The appointed Research Fellow will contribute to research projects in the areas of computational cognitive neuroscience and brain imaging. This position will be funded by the Australian Research Council Centre of Excellence for Integrative Brain Function. As such, the appointed fellow will also have the opportunity to interact and engage in collaborations with other Centre's researchers based across six different top Australian Universities.

1. Key Responsibilities

1.1 RESEARCH AND RESEARCH TRAINING

- ▶ Designing and conducting computational neuroimaging studies
- ▶ Acquiring neuroimaging (MEG, EEG, and MRI) and behavioural data from human participants
- ▶ Contribute to the development of new generation Magnetoencephalography (based on Optically Pumped Magnetometers)
- ▶ Developing new research ideas aligned with the project
- ▶ Under supervision, participating in research independently and as a member of a research team
- ▶ Producing publications arising from scholarship and research, such as peer reviewed journal articles
- ▶ Attending/presenting at relevant conferences relevant to the project
- ▶ Assist with advising honours and postgraduate students in the Garrido Lab
- ▶ Ability to identify and apply for future research funding opportunities

1.2 LEADERSHIP AND SERVICE

- ▶ Attending the weekly laboratory meeting, and relevant School and Faculty committee meetings.
- ▶ Supporting the broad ethos of the School and the School's compliance with University policies and procedures.

1.3 ENGAGEMENT

- ▶ To participate in activities that strengthen the links between the University and the community and which help in the dissemination and utilisation of psychological knowledge.

1.4 OTHER

- ▶ Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in section 4.

2. Selection Criteria

2.1 ESSENTIAL

- ▶ A PhD or near completion of a PhD in an area of cognitive neuroscience, clinical neuroscience, or a cognate field
- ▶ Strong evidence of ability and desire to build an academic career trajectory
- ▶ Experience with data collection and/or analysis of at least one neuroimaging modality (MEG, EEG, or fMRI)
- ▶ Strong computational skills
- ▶ Demonstrated ability to articulate research through presentation in a public forum including conferences
- ▶ Demonstrated ability to articulate and publish research in peer-reviewed journals
- ▶ Evidence of well-developed organisational and project management skills
- ▶ Proficiency in relevant programming languages (e.g., Python, R, Matlab)

2.2 DESIRABLE

- ▶ Candidates with a background in Engineering are particularly encouraged to apply.
- ▶ Candidates with experience with experience in Magnetoencephalographic methods are particularly encouraged to apply.
- ▶ An understanding of the interlinked strands of research, teaching and engagement in the University's mission statement, Growing Esteem.
- ▶ Familiarity and collaborative links with the natural language processing research community within the University

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 desire to strive 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/people/community/responsibilities-of-personnel>

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

5. Other Information

5.1 MELBOURNE SCHOOL OF PSYCHOLOGICAL SCIENCES

www.psychologicalsciences.unimelb.edu.au

The Melbourne School of Psychological Sciences is one of six schools within the Faculty of Medicine, Dentistry and Health Sciences. It is consistently ranked one of the top Schools of Psychology in Australia and is ranked 15th in the world in the 2018 QS global rankings. The School is undergoing vigorous growth and attracts some of the best students nationally and internationally to its broad range of APS accredited undergraduate, graduate, professional, and research programs.

The School's teaching is underpinned by excellence in research across a range of fields, including cognitive and behavioural neuroscience, cognitive and mathematical psychology, social and personality psychology, and clinical science. Research links extend across 25 departments, centres and institutes within the Faculty of Medicine, Dentistry and Health Sciences, including The Melbourne Brain Centre, The Murdoch Children's Research Institute, ORYGEN Youth Research Centre, Austin Health, the Royal Melbourne Hospital, the Royal Children's Hospital, the Royal Women's Hospital, and St. Vincent's Hospital. Research links are also embedded in a broad range of other disciplines across the University including within the Faculties of the Victorian College of the Arts and Melbourne Conservatorium of Music, Science, Business and Economics, Education, Engineering, Law, and the Melbourne Business School. They also extend to a range of not-for-profit and community partners.

The School is home to a vibrant community of over 250 academic, teaching, research and professional staff, over 120 honorary staff, and 120 PhD students. In 2018, there were over 5000 students enrolled in undergraduate subjects offered by Psychological Sciences, primarily through the Bachelor of Arts and Bachelor of Science, but also in breadth subjects in the Bachelor of Commerce, Bachelor of Biomedicine, Bachelor of Environments, and Bachelor of Music. There were over 200 students enrolled in the Graduate Diploma of Psychology, over 100 students enrolled in Fourth year programs (BA (Hons), BSc (Hons), and the Graduate Diploma of Psychology (Advanced)), and over 130 students enrolled in professional postgraduate programs (Clinical and Clinical Neuropsychology and combined Masters/PhD programs).

5.2 FACULTY OF MEDICINE, DENTISTRY & HEALTH SCIENCES

www.mdhs.unimelb.edu.au

The Faculty of Medicine, Dentistry & Health Sciences has an enviable research record and is the University of Melbourne's largest faculty in terms of management of financial resources, employment of academic and professional staff, teaching of undergraduate and postgraduate (including research higher degree) students and the conduct of basic and applied research. The Faculty's annual revenue is over \$600m with more than half of this income related to research activities.

The Faculty has a student teaching load in excess of 8,500 equivalent full-time students, including more than 1,300 research higher degree students. The Faculty has more than 2,000 staff comprising over 600 professional staff and 1,500 research and teaching staff.

The Faculty has appointed Australia's first Associate Dean (Indigenous Development) to lead the development and implementation of the Faculty's Reconciliation Action Plan (RAP), which will be aligned with the University-wide plan. To enable the Faculty to improve its Indigenous expertise knowledge base, the Faculty's RAP will address Indigenous employment, Indigenous student recruitment and retention, Indigenous cultural recognition and building partnerships with the Indigenous community as key areas of development.

5.3 THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia's premier knowledge precinct comprising eight hospitals, many leading research institutes and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Further information about working at The University of Melbourne is available at <http://about.unimelb.edu.au/careers>.

5.4 GROWING ESTEEM, THE MELBOURNE CURRICULUM & RESEARCH AT MELBOURNE: ENSURING EXCELLENCE AND IMPACT TO 2025

Growing Esteem describes Melbourne's strategy to achieve its aspiration to be a public-spirited and internationally-engaged institution, highly regarded for making distinctive contributions to society in research and research training, learning and teaching, and engagement. <http://about.unimelb.edu.au/strategy-and-leadership>

The University is at the forefront of Australia's changing higher education system and offers a distinctive model of education known collectively as the Melbourne Curriculum. The new educational model, designed for an outstanding experience for all students, is based on six broad undergraduate programs followed by a graduate professional degree, research higher degree or entry directly into employment. The emphasis on academic breadth as well as disciplinary depth in the new degrees ensures that graduates will have the capacity to succeed in a world where knowledge boundaries are shifting and reforming to create new frontiers and challenges. In moving to the new model, the University is also aligning itself with the best of emerging European and Asian practice and well-established North American traditions.

The University's global aspirations seek to make significant contributions to major social, economic and environmental challenges. Accordingly, the University's research strategy *Research at Melbourne: Ensuring Excellence and Impact to 2025* aspires to a significant advancement in the excellence and impact of its research outputs.

<http://research.unimelb.edu.au/our-research/research-at-melbourne>

The strategy recognises that as a public-spirited, research-intensive institution of the future, the University must strive to make a tangible impact in Australia and the world, working across disciplinary and sectoral boundaries and building deeper and more substantive engagement with industry, collaborators and partners. While cultivating the fundamental enabling disciplines through investigator-driven research, the University has adopted three grand challenges aspiring to solve some of the most difficult problems facing our world in the next century. These Grand Challenges include:

- ▶ Understanding our place and purpose – The place and purpose grand challenge centres on understanding all aspects of our national identity, with a focus on Australia's 'place' in the Asia-Pacific region and the world, and on our 'purpose' or mission to improve all dimensions of the human condition through our research.
- ▶ Fostering health and wellbeing – The health and wellbeing grand challenge focuses on building the scale and breadth of our capabilities in population and global health; on harnessing our contribution to the 'convergence revolution' of biomedical and health research, bringing together the life sciences, engineering and the physical sciences; and on addressing the physical, mental and social aspects of wellbeing by looking beyond the traditional boundaries of biomedicine.
- ▶ Supporting sustainability and resilience – The sustainability and resilience grand challenge addresses the critical issues of climate change, water and food security, sustainable energy and designing resilient cities and regions. In addition to the technical aspects, this grand challenge considers the physical and social functioning of cities, connecting physical phenomena with lessons from our past, and the implications of the technical solutions for economies, living patterns and behaviours.
- ▶ Essential to tackling these challenges, an outstanding faculty, high performing students, wide collaboration including internationally and deep partnerships with external parties form central components of Research at Melbourne: Ensuring Excellence and Impact to 2025.

5.5 GOVERNANCE

The Vice Chancellor is the Chief Executive Officer of the University and responsible to Council for the good management of the University.

Comprehensive information about the University of Melbourne and its governance structure is available at www.unimelb.edu.au.