RESEARCH OFFICER (COGNITIVE NEUROSCIENCE)

DEPARTMENT/UNIT	School of Psychological Sciences
FACULTY/DIVISION	Faculty of Medicine Nursing and Health Sciences
CLASSIFICATION	HEW Level 5
WORK LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu.

The **Faculty of Medicine, Nursing and Health Sciences**, is the largest faculty at Monash University, and offers the most comprehensive suite of professional health training in Victoria. We consistently rank in the top 40 universities worldwide for clinical, pre-clinical and health sciences. We want to improve the human condition. That is our vision - it has no expiration date. Through academic health centres, other translational models and by educating the healthcare workforce of the future, our staff, students and alumni directly improve quality of life. Setting the global health care agenda, the Faculty aspires to lead in all areas of research activity and influence local, national and international policy to improve health and social outcomes and health inequalities. We've made a major impact in the world of medical research and become globally recognised for our quality education of over 41,000 doctors, nurses, and allied health professionals. We are ambitious and aim to maintain our position as a leading international medical research university. We're recognised for the breadth and depth of our research, for our commitment to translational research, for the quality and scale of our research capability, and as a thriving biotechnology hub. To learn more about the Faculty, please visit www.monash.edu/medicine.

The **Monash School of Psychological Sciences** is ranked among the best in the world. Our School's mission is to develop students and research outcomes that make significant contributions to improving the lives of others globally. Our overarching vision is to make significant and long-lasting impact that changes the world around us, beginning in infancy and across the lifespan. Drawing on the expertise of our staff and the University' unique research platforms and technology, our mission is to sustain and build on Monash's position with world-class research and teaching in Psychology. For more information about us and the work we do, please visit www.med.monash.edu.au/psych/.

Housed within the School of Psychological Sciences, the Turner Institute for Brain and Mental Health is a world-leading institute dedicated to making significant contributions to basic and translational research, clinical care, and research training in brain and mental health. The Institute represents the largest grouping of cognitive and

clinical neuroscientists in Australia and Asia Pacific. To learn more, please visit www.monash.edu/turner-institute/research.

POSITION PURPOSE

The Research Officer provides a variety of high-quality research services to support the operations of the Cognitive Neurology Laboratory at Monash University. The program studies the cognitive neuroscience of decision-making and its impairments, in healthy individuals and in patient populations. Research is performed using a variety of techniques such as behavioural responses, pharmacological interventions, electroencephalography (EEG), functional magnetic resonance imaging (fMRI), and brain lesion studies while ensuring a compliant and safe research environment.

The Research Officer operates with a focus on excellence in process and judgment and provision of sound and timely advice and support to researchers, participants and other stakeholders.

Reporting Line: The position reports to Chief Investigator of the grant under general direction

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Support the achievement of research outcomes by undertaking a range of research and administrative support tasks including scheduling bookings, administering experiments, treatments or questionnaires, data collection, input and analysis and preparing results in accordance with established research objectives, timeframes and protocols

2. Keep abreast of developments, activities and protocols in area of expertise through liaison with staff and peers, reading relevant literature and attending meetings and seminars

3. Assist in preparing documentation reports and other documentation, including undertaking literature reviews and data analysis

4. Comply with established research methodology, policy, protocols, OHS and regulatory requirements

5. Participate in and implement continuous improvement activities relating to project, research or technical procedures and quality assurance standards

6. Maintain open and effective channels of communication with colleagues, research collaborators and other stakeholders to support and facilitate research objectives

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:

   - A tertiary qualification in a relevant field (preferably in psychology, neuroscience, computer science, biology); or
   - substantial relevant skills and work experience; or experience; or
   - an equivalent combination of relevant experience and/or education/training

Knowledge and Skills

2. Sound analytical, technical and data analysis skills and a demonstrated capacity to apply effective technical methods, processes and systems

3. Strong organisational skills, including the ability to set priorities, manage time and plan work to meet deadlines

4. Demonstrated project administration skills with the ability to support research projects accordance with agreed standards and timeframes

5. Ability to work as an effective member of a team as well as independently under general supervision

6. Strong attention to detail and accuracy and an understanding of confidentiality, privacy and information handling principles

7. Well-developed communication skills, including the ability to draft a range of documentation

8. A high level of computer literacy, including demonstrated experience in programming (e.g., Matlab), data analysis (e.g., R), and stimulus delivery (e.g., Presentation)

9. Demonstrated experience in implementing experimental paradigms with behavioural techniques, EEG and/or fMRI in healthy individuals and/or patient populations

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may 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

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.