Research Fellow/Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL1
Singapore Institute of Technology

Job Title Research Fellow/Assistant/Engineer (Neuroscience, Psychology, Movement Science and Rehabilitation) - PL1

Department Health and Social Sciences

Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Jan. 8, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Psychology - Neuropsychology
Psychology - General

Job Website https://careers.singaporetech.edu.sg/cw/en/job/498360/research-fellowassistantengineer-neuroscience-psychology-movement-science-and-rehabilitation-pl1

Apply By Email

Job Description

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Key Responsibilities

• Participate in and manage the research project with Principal Investigator (PI) and the research team members to ensure all project deliverables are met.
• Maintain accurate records of data, safeguarding the confidentiality of subjects, as necessary.
• Perform computational modelling and analysis of the neuroimaging and behavioural data, with guidance from senior colleagues as required.
• Provide ready access to all experimental data for the faculty researcher and/or supervisor.
• Prepare materials for submission to granting agencies, foundations and Ethics Committee review.
• Prepare progress reports for the PI and funding agency. Prepare other articles, reports, and presentations.
• Coordinate and attend project meetings, monitor the project budget and work on other projects and initiatives, as required.
• Conduct literature reviews for publications and research briefings.
• Contribute to the dissemination of research findings (e.g., journal, conference, book).
• Support and collaborate with research assistants, graduate and undergraduate students, where applicable.
• Work in a team, contribute to the identification of possible funding sources and/or the planning and development of externally funded research proposals in an area relevant to the project.

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• Perform other research-related tasks as required by the Principal Investigator.

Job Requirements

• Bachelor's degree in relevant disciplines (e.g. experimental psychology, biopsychology, cognitive psychology, neuropsychology, neurology, psychiatry, cognitive neuroscience, electrical engineering, biomedical engineering, computer science, physics or related fields).
• A PhD* (or equivalent research experience) in a relevant subject (only for Research Fellow position).
• Candidates with a non-healthcare degree are welcome to apply.
• Familiarity with image data analysis tools such as SPM, FSL, AFNI, and/or DSIStudio etc will be an advantage.
• Signal processing and programming skills (e.g. with Matlab, Python) will be an advantage.
• Ability to use statistical packages such as SPSS, R for statistical analyses and visualisation will be an advantage.
• Some research and/or clinical experience in the area of stroke rehabilitation or care will be an advantage.

Apply now
Advertised: 08 Jan 2024 Singapore Standard Time
Applications close: 31 Mar 2024 Singapore Standard Time

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore