

Senior Research Assistant / Research Assistant I (Two posts) (Ref: 2400141)
Department of Psychology

Project Title: Developing an EEG-fNIRS neurofeedback application for brain training for autistic children

[Appointment Period: 12 months]

The appointees will work on a research and knowledge transfer project on neurofeedback for autistic children. They will support the team in planning, conducting, and coordinating the project activities, which include literature review, data collection, data management, statistical analysis, report and manuscript writing, and liaison with collaborators and schools/organizations. The Senior Research Assistant will develop a neurofeedback application based on electroencephalography (EEG) and functional near-infrared spectroscopy (fNIRS), using MATLAB, LSL, and other packages. The Research Assistant I will implement neurofeedback training with autistic children. For both positions, the initial appointment will be for a period of 12 months, with the possibility of renewal subject to mutual agreement.

Applicants for Senior Research Assistant should have a Master's degree in Psychology, Neuroscience, Computer Science, Biomedical Engineering, or a related discipline plus one year post Master's degree full-time working experience, or a Doctoral degree in the above mentioned disciplines.

Applicants for Research Assistant I should have a Bachelor's degree in Psychology, Neuroscience, Computer Science, Biomedical Engineering, or a related discipline.

They should be interested in brain-behavior relationships in autism; good communication, presentation, and interpersonal skills in both written and spoken English and Chinese (Cantonese); strong administrative and management skills; research knowledge and skills in using SPSS; enthusiasm, self-motivation, and the ability to work independently and under pressure. Experience with programming (e.g., E-Prime, MATLAB) and/or cognitive neuroscience methods (e.g., EEG, fNIRS) will be an asset for the Research Assistant I position and a mandatory requirement for the Senior Research Assistant position.

For further enquiries about the post, please contact Dr Yeung Kin Chung Michael at michaelyeung@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV. **Review of applications will start from 29 February 2024, and will continue until the post is filled.** Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised. Since the incumbent's work would involve contacts with persons aged under 18 and/or mentally incapacitated persons, prospective employee(s) will be required to undergo Sexual Conviction Record Check operated by the Hong Kong Police Force.

Further information about the University is available at <http://www.eduhk.hk>.

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