Examination of functional and structural changes underlying ocular motor deficits in Huntington’s disease.

We are searching for a PhD student with a neuroscience background to work with the Experimental Neuropsychology Research Unit under the supervision of Professor Nellie Georgiou-Karistianis and Dr Joanne Fielding.

The project aims to characterize the neurobehavioural profile of individuals with Huntington’s disease in response to ocular motor tasks which specifically invoke response inhibition and working memory. It also aims to elucidate for the first time underlying structural and functional neural changes (via the use of MRI at the Monash Biomedical Imaging Facility) while patients are performing these tasks. Ocular motor tasks may prove sensitive biomarkers of disease severity and may be useful in establishing the efficacy of therapeutic interventions in future clinical trials.

Top-up stipend of $9000 ($3000 per year for three years) will be awarded to the successful candidate who must have an already successful APA or equivalent scholarship.

For further information, please contact:
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