Research Associate
Wellcome Trust Centre for Neuroimaging
UCL Institute of Neurology

Applications are invited for a Research Associate in the Max Planck UCL Centre for Computational Psychiatry and Ageing Research, under the supervision of Professor Ray Dolan. The overarching goal of the Max Planck UCL Centre for Computational Psychiatry and Ageing Research is to use computational approaches to understand the causes of individual differences in behavioural development, with an emphasis on psychiatric disorders and cognitive aging. The Centre is a collaboration between the Max Planck Society and University College London, and has two sites, one in London and the other in Berlin.

The post holder will undertake high quality research and produce high-impact publications as part of a new initiative, involving the Max Planck Society and UCL. The goal of the initiative is to exploit computational approaches to brain and behaviour to leverage insights into core deficits that underpin psychiatric disorder and cognitive change with ageing. Suitably qualified candidates will have opportunity to develop their own group and will be supported in doing so.

Applicants must have, or be close to obtaining, a PhD in neuroscience, psychology, or a related area (the degree must have been obtained by the agreed start date in post) and experience of conducting neuroimaging research. Experience in acquiring and analysing fMRI, MEG and EEG data is essential. Experience in Hierarchical Bayesian model-fitting and model-selection techniques; using and developing advanced neuroimaging data analysis; computational modelling of behaviour (reinforcement learning and similar); and programming in Matlab is desirable. Solid knowledge of microeconomics, Game theory, computer science, classification and clustering methods in machine learning and theoretical neuroscience, and psychopathology and associated treatments is also desirable. A good publication record of high quality research results is desirable.

The post is available as soon as possible and is funded by a grant from the Max Planck Society for 2 years in the first instance. Starting salary on the UCL Grade 7 scale, £34,635 – £41,864 pa, inclusive of London Allowance, superannuable.

You should apply for this post through UCL's online recruitment – www.ucl.ac.uk/hr/jobs where you can download a job description and person specification using ref: 1700004. If you have any queries regarding the application process, please contact Miss E Bertram, Personnel Manager, UCL Institute of Neurology, (email: IoN.HRAdmin@ucl.ac.uk). It would be helpful if applicants could provide a telephone number that they can be contacted on during office hours. Applicants may contact Professor Ray Dolan directly (email: r.dolan@ucl.ac.uk) for further information.

Closing date: 31 December 2017