

## **MRC Cognition and Brain Sciences Unit – Cambridge**

### **Neuroimaging Post to study Ageing**

A post-doctoral position is available as part of the Cambridge Centre for Ageing and Neuroscience (Cam-CAN), a large group of researchers who seek to relate changes in the brain to changes in cognition across the adult lifespan. You will help develop multivariate, multimodal neuroimaging approaches to understanding the extent to which the brain can functionally reorganise despite extensive structural changes with age.

The position is based at the MRC Cognition and Brain Sciences Unit (CBSU), an internationally-renowned research institute with state-of-the-art cognitive neuroscience facilities including MRI, MEG and EEG. The post-holder will also be affiliated with the MRC Biostatistics Unit (BSU), an internationally-renowned institute for biostatistical methodology research.

You will have, or be in the final stages of, a PhD in computational neuroscience, neuroimaging methods or applied statistics, ideally with experience in cognitive neuroscience. You should have statistical expertise (e.g. in regression modelling), be familiar with MRI, fMRI and/or EEG/MEG, and possess excellent computer programming skills. It would be desirable, but not essential, for you to have experience of studying changes in the brain with ageing, and in multivariate statistics (e.g. structural equation modelling). You will be thorough, efficient, effective, a good communicator, and enjoy working as part of a diverse and energetic, interdisciplinary team.

The starting salary will be in the range of £26,022 - £29,914 per annum, supported by a flexible pay and reward policy, 30 days annual leave entitlement, and an optional MRC final salary Pension Scheme. On site car and cycle parking is available. The post will be an 11 month appointment in the first instance, with potential for a further 2-3 years funding.

For informal discussion please contact Dr Rik Henson at the CBSU: [rik.henson@mrc-cbu.cam.ac.uk](mailto:rik.henson@mrc-cbu.cam.ac.uk), or Dr Fiona Matthews at the BSU [fiona.matthews@mrc-bsu.cam.ac.uk](mailto:fiona.matthews@mrc-bsu.cam.ac.uk)

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at <https://ext.ssc.rcuk.ac.uk> and complete an online application form. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply online should contact us by telephone on 01793 867003, please quote reference number IRC33054.

**Closing date: 4<sup>th</sup> November 2011**

*This position is subject to pre-employment screening  
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