

Nuffield Department of Clinical Neurosciences

University of Oxford

Development Support Scientist

Grade 7: £29,541 - £36,298

Fixed Term 3 Years

A post-doctoral appointment is available in the FMRIB Centre at the University of Oxford. The post-holder will be a member of the FMRIB Physics Group, co-directed by Prof Peter Jezzard and Dr Karla Miller, directly supervised by Dr Stuart Clare (FMRIB Centre Manager). This post will be central to the translation of cutting-edge MRI physics techniques to basic and clinical neuroscience.

The post-holder will implement and improve upon recent advances in MRI pulse sequences and image reconstruction; optimise scanning protocols for general use and specialist needs; and consolidate novel hardware capabilities for use in the neuroscience setting. The focus of this post will be on FMRIB's state-of-the-art 7-tesla Siemens MRI scanner, which incorporates parallel transmission and real-time shimming capabilities.

In addition, there is interest to incorporate a teaching element to the position, with a significant fraction of the post-holder's time dedicated to the FMRIB Graduate Program, an award-winning training program in neuroimaging.

The post would be suited to someone with a PhD in physics, engineering or a related discipline. The ideal candidate would have experience with sequence development on high-field scanners (ideally the Siemens platform) and be comfortable communicating to scientists from a range of backgrounds.

The closing date for applications is: Midday, 20 September 2013. Interviews will be held as soon as possible thereafter.

Applications for this vacancy are to be made online.

To apply for this role and for further details, including the job description and selection criteria, please click on the link below:

https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq_jobspec_version_4.jobspec?p_id=109512

or visit www.ox.ac.uk/jobs and enter the vacancy ID 109512