

**University of Glasgow  
College of Medical, Veterinary and Life Sciences  
Research Institute of Neuroscience & Psychology**

**Research Assistant/Associate**

**Vacancy Ref: 019668**

**Salary: Grade 6, £28,098 - £31,604 / Grade 7, £34,520 - £38,833 per annum**

We are looking to recruit a Post Doc to join a 3-year MRC funded project titled: '*Laminar fMRI and resting state fMRI in the somatosensory system – effect of peripheral nerve injury on cortical circuits*', working with Jozien Goense (PI, MR-physics, neuroscience), John Riddell (neurophysiology), Andrew Hart (reconstructive surgeon) and collaborating with the Bandettini lab at the NIH. The project involves the development and optimization of cortical layer dependent fMRI at 7T, and its application to the study of cortical reorganization after peripheral nerve injury and recovery. The project provides the opportunity for highly interdisciplinary work combining MR-physics with the direct medical application of layer-dependent fMRI. The work involves sequence- and data analysis method development and optimization, running fMRI in healthy volunteers and patients, and supporting sensorimotor testing in healthy volunteers and patients.

Applicants should have a Masters Degree or equivalent in (Biomedical) Engineering, Physics, Neuroscience or related field, or PhD (or expect to receive in the near future) in any of these areas. Ideally, applicants will have experience in fMRI, sequence design/optimization and fMRI data analysis. Any applicant will have enthusiasm, and a capacity for acquiring expertise in the techniques and skills necessary for successful completion of the project.

This post is full-time and funding is available for three years, with a projected start date early 2018. It will be based at the newly built Imaging Center of Excellence at the Queen Elizabeth University Hospital, housing a Siemens Magnetom Terra 7T scanner.

Glasgow is a friendly and vibrant city with a lively music and art scene, excellent restaurants and is regularly highlighted as a top travel destination (Lonely Planet, Rough Guides, National Geographic Traveller, CNN, Guardian), with Loch Lomond less than an hour away and the highlands within a few hours reach.

Informal enquires can may be made to Dr. Jozien Goense (Jozien.Goense@glasgow.ac.uk).

For more information and to apply online, please refer to [www.glasgow.ac.uk/jobs](http://www.glasgow.ac.uk/jobs)

**Closing date: 28 January 2018**

It is the University of Glasgow's mission to foster an inclusive climate, which ensures equality in our working, learning, research and teaching environment.

We strongly endorse the principles of [Athena SWAN](#), including a supportive and flexible working environment, with commitment from all levels of the organisation in promoting gender equity.

The University of Glasgow, charity number SC004401.