



UNIVERSITY OF LEEDS

**Institute of Psychological Sciences
Faculty of Medicine and Health**

**PhD Studentship in the Rehabilitation of
Visual-Motor Control after Stroke**



Applications are invited for a 3-year PhD studentship in the field of Perception, Action and Cognition. This prestigious studentship represents an exciting opportunity to conduct research as part of a multi-disciplinary team of psychologists, neuroscientists, clinicians, and engineers from the University of Leeds and collaborating Universities. The studentship is funded under the MRC's Industrial CASE studentship scheme in collaboration with the Magstim Company. Support includes the annual stipend of at least £15,790, as well as PhD registration fees, research expenses and some travel costs. This funding is open to UK and EU students only. Before applying, please check your eligibility under MRC residency requirements: <http://tinyurl.com/8bjyrm>

The PhD will involve the student exploring the mechanisms that underpin effective rehabilitation of visually directed motor-control after stroke. The aim is to use engaging computer software and force-feedback control devices to create targeted rehabilitation within the home. In addition we will use DC-Stimulation to modulate neuroplasticity in an attempt to enhance concurrent rehabilitation techniques. The student will be based in the Institute of Psychological Sciences in the University of Leeds and supervised by Dr Richard Wilkie (Lecturer in Perception, Action & Cognition) with co-supervision from Prof. Mark Mon-Williams, Dr Melanie Burke (Psychology), Dr Sarah Astill (Exercise Science), Prof. Bipin Bhakta (Rehabilitation Medicine), Prof. Martin Levesley (Mechanical Engineering) and Prof. Vincent Walsh (based at UCL). The student will spend time on an industrial placement with Magstim, and the commercial supervisor on this project is Mr Andrew Thomas.

Students who have, or are expected to attain, a 1st or 2.1 class honours degree in Physiotherapy, Psychology, Neuroscience, Engineering, Human Movement Studies or Computer Science are invited to apply. A relevant Master's degree is desirable. The 3-year PhD studentship will take effect from October 2009.

To apply for this studentship applicants should complete a University of Leeds application form (<http://www.leeds.ac.uk/students/appfmweb.doc>) and submit this together with a CV to Dr Richard Wilkie, Institute of Psychological Sciences, University of Leeds, Leeds, LS2 9JT. For further information please contact Dr Richard Wilkie (e-mail: r.m.wilkie@leeds.ac.uk) or Prof. Mark Mon-Williams (mail: M.Mon-Williams@leeds.ac.uk)

Closing Date 20th April 2009. Interviews to be held in week commencing 27th April 2009.