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Postdoctoral Fellow - Functional Imaging and Motor Neuroscience

PostDoc Position

Posted on 09 Jun 2015

Western University · Brain and Mind Institute
Canada, London

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JOB DESCRIPTION

The Motor Control Group at Western University (PI: Joern Diedrichsen) is recruiting 1-2 new full-time postdoctoral fellows. The laboratory investigates motor skill learning and motor coordination in the human brain. We use a combination of experimental and computational methods, ranging from functional magnetic resonance imaging (with focus on multivariate analysis techniques), behavioral

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experience. Initial appointments will be for a period of 2 years, with a possibility for renewal. Further inquiries and applications including a CV and a statement of

research interest should be sent by clicking the **APPLY** button. The review of applications will begin on October 10th and continue until the positions are filled.

DESIRED SKILLS AND EXPERIENCE

Applicants with an interest in either basic neuroscience research of motor control, method development for functional imaging, and research in clinical applications of motor control are encouraged to apply. A Ph.D. degree in neuroscience, psychology, computer science, engineering, kinesiology, or related fields is required.

ABOUT THE EMPLOYER

The laboratory has recently moved from University College London to the Brain and Mind Institute Western University (www.uwo.ca/bmi), where we collaborate tightly with the research groups of Dr. Andrew Pruszynski and Prof. Paul Gribble. Our facilities at Western include a full range of high and ultra-high field, research-only, MRI scanners (3T, 7T, and 9.4T), a range of robotic and recording devices for the study of arm and hand function, and access to a large neurological patient population in affiliated teaching hospitals. Cognitive Neuroscience is a key area of research strength at Western University with more than 25 Principal Investigators and nearly 200 trainees in the Brain and Mind Institute.

Disciplines: Biomedical Engineering, Psychology, Neuroscience, Computer Science, Neurology

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