

Announcement Title: Postdoctoral Scholar - Case Western Reserve University - Physical Medicine and Rehabilitation, Biomedical Engineering

Description: STATEMENT OF RESEARCH Postdoctoral scholar position available at the MetroHealth Center for Rehabilitation Research and Case Western Reserve University in Cleveland, Ohio. The lab focuses on improving rehabilitative outcomes for patients with neurological impairments by employing methods of non-invasive brain stimulation. These methods, in conjunction with neuroimaging techniques, allows us to study neurophysiologic adaptations as a result of injury as well as recovery. For all current lab related activities please refer to: CunninghamLab.com ESSENTIAL FUNCTIONS -Lead assigned project(s) -Design and conduct clinical trials with patients and analyze data -Create new rehabilitation technology -Publish peer-reviewed journal papers and present data at national and international conferences -May supervise laboratory staff, scholars, and students TECHNICAL SKILLS - Experience conducting human subjects research -Ability to independently manage a project -Excellent oral and written communication skills and interpersonal skills -Strong organization skills; ability to multi-task, prioritize and meet deadlines. -Effective problem-solving skills; must demonstrate innovation and creativity, excellent analytical skills, sound judgment and good decision-making. -Preferred Matlab and/or Python proficiency -Preferred background with Neuroimaging (fMRI, DTI, rs-fMRI), EMG and/or EEG analysis

Additional Information: EDUCATION REQUIREMENTS Minimum qualifications include a Ph.D. in Biomedical Engineering, Neuroscience, Kinesiology or related field WORKING CONDITIONS No special working conditions, but will be spending majority of time in hospital environment. DIVERSITY STATEMENT In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply. APPLICATION To apply please send inquiries containing a cover letter and CV to Dr. David Cunningham at Dxc536@case.edu.

Website: <https://case.edu/academic-careers/postdoctoral-scholar-physical-medicine-and-rehabilitation-biomedical-engineering>

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