



Postdoctoral Fellow- Kinematics Neurophysiology and Neuroimaging

Description:

The Department of Neurology, Neurorehabilitation Division at the University of Maryland School of Medicine is recruiting for a highly qualified postdoctoral researcher to perform research in upper extremity motor control and rehabilitation, corticospinal physiology, and neuroimaging. The successful candidate will be expected to guide and assist in the analysis of data and preparation of publications from recent studies of corticospinal excitability and movement. The candidate will also be involved in ongoing human subjects research exploring neurophysiological and imaging markers of corticospinal excitability in healthy and post-stroke participants. The candidate will gain experience and training in interventional neuromodulation by assisting with management of a pilot study. The candidate will also assist with grant writing, regulatory compliance, and lab administration. We are looking for a highly motivated, self-driven individual with a PhD in neuroscience, kinesiology, biomedical or electrical engineering, or a related field, with a focus on human nervous system control of movement.

Additional Information:

QUALIFICATIONS ***Experience in analysis and presentation of human neurophysiology, neuroimaging, and/or kinesiological data is required. ***Must have strong analytical and writing skills proven with a track record of first authored publications. the ability to work independently and in collaboration are necessary. ***Proficiency in human subjects research ethical principles, regulatory compliance, administration, and conduct is required. ***Strong computer proficiency including statistical analysis software (SPSS,R), Microsoft Office365, Endnote is preferred. Experience with MATLAB/Simulink, SPM, FSL, Conn is advantageous. Interested applicants must apply through the website below. This position is for one year and is renewable contingent upon performance, funding and mutual interest. UMB is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color religion, national origin, disability, protected Veteran status, age, or any other characteristic protected by law or policy.

Contact:

Michael Dimyan
655 W. Baltimore St
Baltimore, MD 21201
United States

Email: mdimyan@som.umaryland.edu

Website: https://umb.taleo.net/careersection/umb_faculty+and+post+docs/jobprint.ftl