

## **Anticipated Postdoctoral Fellow Position – Cognitive-Motor Learning Laboratory**

The Cognitive-Motor Learning Laboratory at the Moss Rehabilitation Research Institute (MRRRI) located in Elkins Park, PA, has an anticipated opening for a Postdoctoral Fellow starting in early 2021.

Under the direction of Aaron Wong, Ph.D., the laboratory investigates how people acquire skilled actions through interactions between the motor system and cognition. The Fellow will specifically focus on investigating how individuals imitate and use tools, and how the neurological disorder of apraxia following left-hemisphere stroke disrupts these abilities. Research will involve motion tracking in neurotypicals and individuals with stroke; kinematic analysis of the upper limb; and lesion-symptom mapping approaches to explore brain-behavior relationships.

This project is a collaboration with Laurel Buxbaum, Psy.D. at MRRRI, and John Krakauer, M.D. at Johns Hopkins University. More broadly, this work seeks to understand how people learn and plan complex, real-world behaviors, and the fellow will be encouraged to explore these larger themes in establishing an independent line of work.

MRRRI is internationally known for its research in neuroscience and neurorehabilitation. MRRRI maintains a strong postdoctoral training program; the Fellow will have the opportunity to participate in the formal NIH T32 training curriculum in translational neurorehabilitation. This is an approximately 3-year position and offers a competitive salary and benefits.

Applicants should hold a PhD, or anticipate a PhD by Spring 2021, in Biomedical Engineering, Neuroscience, Psychology, Kinesiology, or a closely related discipline. Favorable consideration will be given to applicants with expertise or substantial interest in motor planning and cognition; prior experience working with clinical populations; skills in programming, data analysis, and statistics; and a strong record of research productivity.

We strongly encourage applications from individuals who identify as members of historically underrepresented groups on the basis of racial or ethnic status, as representing diversity on the basis of sexual orientation, or as representing diversity on the basis of disability status. This may be indicated in the cover letter. We are an Equal Opportunity Employer and are committed to ensuring diversity, equity, and inclusion. We strive to select candidates representing different kinds of programs and theoretical orientations, geographic areas, ages, racial and ethnic backgrounds, sexual orientations, disabilities, and life experiences.

**Interested candidates should submit a cover letter detailing research interests and future directions, CV, and 3 letters of reference to:**

Dr. Aaron Wong

Moss Rehabilitation Research Institute

50 Township Line Rd.

Elkins Park, PA 19027

Email: [wongaaro@einstein.edu](mailto:wongaaro@einstein.edu)

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