

POST-DOCTORAL FELLOWSHIPS IN TRANSLATIONAL NEUROSCIENCE AND NEUROREHABILITATION

Two-year NIH-funded fellowships (with the possibility of extension to a third year) are available at the Moss Rehabilitation Research Institute (MRRI), in collaboration with the University of Pennsylvania (Behavioral Neurology and Center for Functional Neuroimaging) for research training in cognitive and motor neuroscience and neurorehabilitation.

Available mentors conduct patient-oriented research using behavioral, computational, imaging, electrophysiologic, and electrical and pharmacologic neuromodulation methods. We welcome applications from individuals with a doctorate in psychology, cognitive science, communication science, kinesiology, movement science, or human neuroscience, who wish to learn to apply basic science principles to the study and treatment of behavioral and brain deficits in adult neurological patients and/or to use research with patients and neurotypical adults to understand brain-behavior relationships. We also welcome applications from individuals with clinical rehabilitation backgrounds seeking to increase their depth in the basic science underpinnings of assessment and treatment.

Applicants must have a track record in research and an interest in developing an independent research career.

The program trains 4-5 postdoctoral fellows at a time using a mixture of didactic and hands-on training methods. Program faculty collectively have expertise in cognitive neuroscience; impairment assessment; naturalistic assessment; modulation of neuronal plasticity and learning mechanisms; and theory-driven treatment trials, and are experienced in a range of cutting edge research tools, including structural and functional neuroimaging, eye- and motion-tracking, computational modeling, virtual reality, psychopharmacology, transcranial magnetic stimulation and transcranial direct current stimulation.

We are an Equal Opportunity Employer; we are committed to ensuring a range of diversity among our training classes, and 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. All things being equal, consideration is given to candidates who identify themselves as members of historically under-represented 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.

Mentors Include:

Laurel Buxbaum (MRRI)

Branch Coslett (PENN)

John Detre (PENN)

Dylan Edwards (MRRI)

Roy Hamilton (PENN)

Shailesh Kantak (MRRI)

Erica Middleton (MRRI)

Amanda Rabinowitz (MRRI)

John Whyte (MRRI)

Aaron Wong (MRRI)

More information about MRRI is available on our website, www.mrri.org

Applications should be submitted to Kevin Whelihan, Research Administrator, (whelihak@einstein.edu) and must include:

- current CV
- letter describing research interests and career goals
- Applicants should indicate a preferred primary mentor and, if possible, a secondary mentor.
- 2-3 letters of reference

Applications will be reviewed beginning December 1, 2021