



# Postdoctoral Associate in Stroke Motor Recovery and Neuromodulation

## Description:

A postdoctoral fellow position is available immediately in The Feng Stroke Recovery Lab, Department of Neurology, Duke University Medical Center. Our research laboratory focuses on 1) understanding the trajectory of motor recovery and identifying targets for intervention; 2) development of imaging biomarker of stroke motor recovery; 3) use of non-invasive brain stimulation tools (transcranial direct current stimulation, transcranial magnetic stimulation, ultrasound stimulation, etc.). the lab has a robust funding track record from American Heart Association, National institute of Health, industry and philanthropic donations. Currently we have a funded observational study to better understand the motor recovery trajectory after stroke using multiple measures, including behavioral assessment, genetic, neurophysiology (TMS) and neuroimaging (MRI). The project recruits stroke patients from the super-acute stage through to 6 months after stroke. The project spans 3 labs spaces across the acute hospital to inpatient rehab facility. We are seeking a motivated and independent candidate with primary interest in post-stroke motor recovery. S/he must have a doctoral degree with experience in at least two areas of behavioral testing, neurophysiology/TMS, neuro-imaging/MRI and genetics. S/he must have the ability to work independently and collaboratively in an interdisciplinary team setting, and should be comfortable working with stroke subjects in both acute and chronic stage. Interested candidates should submit CV, cover letter (≤2 pages) describing his/her research experiences/interests and goals, and names of two referees to Dr. Wayne Feng ([wayne.feng@duke.edu](mailto:wayne.feng@duke.edu)).

## Additional Information:

Specific responsibilities include, but not limit to: Process and synthesize behavioral, neurophysiology, imaging and genetic data in humans Present findings at local and national scientific meetings Write and submit manuscripts to peer-reviewed journals Contribute to various grant proposals Mentor students or residents or fellows at various levels Salary and benefits commensurate with NIH standards and is also dependent on personal experience. We will actively support the fellow's professional growth through individual development and mentoring plan, and professional skills workshops offered either through Duke University or external workshops. S/he will have opportunities to attend training in the areas s/he does not have expertise. School of Medicine: Established in 1930, Duke University School of Medicine is the youngest of the nation's top medical schools. Ranked tenth among its peers, the School takes pride in being an inclusive community of outstanding learners, investigators, clinicians, and staff where traditional barriers are low, interdisciplinary collaboration is embraced, and great ideas accelerate translation of fundamental scientific discoveries to improve human health locally and around the globe. Comprised of 2,400 faculty physicians and researchers, the Duke University School of Medicine along with the Duke University School of Nursing and Duke University Health System create Duke Health. Duke Health is a world-class health care network. Founded in 1998 to provide efficient, responsive care, the health system offers a full network of health services and encompasses Duke University Hospital, Duke Regional Hospital, Duke Raleigh Hospital, Duke Primary Care, Private Diagnostic Clinic, Duke Home and Hospice, Duke Health and Wellness, and multiple affiliations. <https://careers.duke.edu/job/Durham-POSTDOCTORAL-ASSOCIATE-NC-27710/571843200/>