

The Motor Recovery Laboratory at the University of Texas Health Science Center – Houston (UTHSC-H) is seeking a postdoctoral fellow or a research associate. The successful candidate will primarily participate in the newly awarded project “the respiratory-motor coupling”. The goals are 1) to examine underlying neurophysiologic mechanisms of the respiratory-motor coupling using non-invasive tools will be used, such as transcranial magnetic stimulation (TMS) and neuromuscular electrical stimulation (ES), and 2) to explore the possibility of applying this new intervention for hand rehabilitation in stroke patient. Modification of existing experimental setting or development of new device/experimental setting may be needed. The successful candidate will work closely with Sheng Li, MD, PhD and Gerard Francisco MD. Opportunities exist to interact in collaborative research with faculty within the UT/Baylor PM&R program (The link: <http://www.uth.tmc.edu/schools/med/phymed>)

Applicants should have a PhD degree in bioengineering, biomechanics, kinesiology, rehabilitation science, or related fields. Efficiency in Matlab and/or Labview is expected. Experience with human subject research, particularly in stroke patients is highly desirable.

The appointment can start immediately and will be available for at least two years. Salary is negotiable, and commensurate with experience.

Please submit: statement of interests, a resume/curriculum vita, two journal articles (pdf version), and the names of three individuals who can be contacted as references to: **Sheng Li, MD, PhD at sheng.li@uth.tmc.edu**