Postdoc position available in NeuroMyo Engineering for Rehabilitation, UTH ealth at Houston

The UTHealth NeuroMyo Engineering for Rehabilitation (NMER) Laboratory at TIRR Memorial Hermann Hospital is seeking a highly motivated postdoctoral researcher to join the laboratory and contribute to projects related to neural engineering and rehabilitation. The NMER lab is part of the Department of Physical Medicine and Rehabilitation (PM&R) at the University of Texas Health Science Center (UTHealth) at Houston. The lab is housed in the outpatient clinic at the TIRR’s Research Center that allows easy and convenient access to patient populations, including spinal cord injury, stroke, traumatic brain injury, and amputation.

The successful candidate will contribute to research projects in understanding motor unit pathophysiology after neurologic injuries using high density surface EMG analysis, and developing EMG control of exoskeleton robots for rehabilitation. Candidates should have a PhD degree in an area related to biomedical, neural, or rehabilitation engineering. Proficiency in biomedical signal processing is required. Background in neurophysiological training, experience with human studies and EMG recording, good English writing and communication skills are desired.

The position is available October 1, 2015. The initial appointment can be 1 year with an option of extension. Salary depends on the experience. Position will remain open until filled. Applicants should apply online or send a brief application email with a complete C.V. as attachment to Ping Zhou (Ping.Zhou.1@uth.tmc.edu).

The UTHealth is an Equal Opportunity Employer: M/F/D/V (minority/female/disabled/veteran