POSTDOCTORAL RESEARCH POSITIONS
IN THE
TRANSLATIONAL BIOMIMETIC BIOELECTRONICS LAB
AT
THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER

Our mission is first-in-human demonstrations of the most advanced bioelectronics for the treatment of neurologic disease. Multiple Postdoctoral Fellow research positions are available in the Seymour Lab at The University of Texas Health Science Center at Houston (UTHealth) as part of the newly formed Texas Institute for Restorative Technologies (TIRN). Our lab uses advanced manufacturing approaches to develop creative approaches to brain-computer interface systems including high-density sensors, novel form factors, and integrated electronics (www.seymourlab.org).

Applicants must have a Ph.D. in one or more of the following: electrical engineering, materials science, chemical engineering, or biomedical engineering. Previous experience in microfabrication projects and a passion for neurotechnology are required. A strong publication record and excellent academic credentials are highly desirable. Experience in first-in-human deployment would be beneficial. Engineering candidates may potentially have an appointment through the Electrical & Computer Engineering Department at Rice University.

Fellows will benefit from a close interaction with our collaborating experts in the fields of neurosurgery, neurology, neuroscience, materials science, mixed-mode circuits, and system design. Our closest collaborators at UTHealth include Drs. Nitin Tandon, Samden Lhatoo, Valentine Dragoi who offer critical design input for human or primate use. Our lab is also located in the Biosciences Research Collaborative at the edge of Rice University and the Texas Medical Center, thus collaborations are possible with faculty at UTHealth, Rice University and Baylor College of Medicine. Front-end fabrication is performed at the Rice Nanofab facility.

Competitive salary and benefits are offered to qualified candidates. Houston is an exciting and thriving metropolis that is investing heavily in biotechnology.

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