Assistant/Associate Professor, Research Magnetic Resonance Imaging

Texas Institute for Restorative Neurotechnologies
McGovern Medical School in Texas Medical Center – Houston, Texas

DESCRIPTION
The University of Texas Health Science Center at Houston (UTHealth – www.uth.edu) is seeking a highly-motivated individual to serve as faculty in the newly established Texas Institute for Restorative Neurotechnologies (TIRN). TIRN is focused on the evaluation and management of refractory epilepsy and harnesses the latest advancements in neuroscience, neuro-technology, and neuroinformatics to transform education, research, and the management and treatment of functional disorders of the brain.

We are seeking candidates with experience and interest in structural and/or functional neuroimaging, specifically as it pertains to the study of epilepsy, brain tumors and cognitive systems in these disorders. Candidates are expected to possess a background in and proven track record of success in grouped human studies, using one or more of the following imaging modalities: diffusion tensor imaging, diffusion spectrum imaging, voxel-based morphometry, event related fMRI design, resting state fMRI, MR spectroscopy and lesion symptom mapping.

Successful applicants will join a dynamic and multidisciplinary team with unified clinical, research, and educational objectives. Additional collaborative arrangements with other institutions at the Texas Medical Center (TMC), as well as nationally, will be encouraged. Faculty will have full access to a research only Phillips 3T scanner and several 3T scanners at Memorial Hermann Hospital which is physically proximate to the UT Medical School.

POSITION KEY ACCOUNTABILITIES
Candidates will be expected to conduct research, education, and the application of functional magnetic resonance imaging and spectroscopy procedures. It is expected that candidates will create and/or sustain an independent research program and have a strong track record of publications and success in obtaining extramural funding through grants and contracts. The candidate will have an opportunity to train and supervise undergraduate, graduate, and MD/Ph.D. students at UTHealth and the greater TMC.

QUALIFICATIONS
The candidate must possess a doctoral degree in Neuroimaging, Neurobiology or related field (post-doctoral experience preferred). A record of verifiable and published research, strong potential to obtain external/peer-reviewed funding, and excellent teamwork and communication skills are also required.

SALARY
Competitive and dependent upon qualifications and experience.

APPOINTMENT/BENEFITS
Position is a 12-month full-time appointment on the tenure track. An attractive start-up package and competitive salary will be offered.

HOW TO APPLY
All application materials must be submitted through UTHealth’s online system (Position Requisition Number: 200000LD; http://p.rfer.us/UTH2qB7tG).

As part of the application process, the candidate should provide a cover letter describing qualifications and career goals, a curriculum via, a research statement, and contact information for three references to Dan Na Luo (dan.na.luo@uth.tmc.edu).
UTHealth offers a comprehensive and competitive benefits package. For more information on our benefits programs please refer to the UTHealth Office of Benefits Website.

https://www.uth.edu/benefits/benefits-summary.htm

UTHealth is committed to providing equal opportunity in all employment-related activities without regard to race, color, religion, sex, sexual orientation, national origin, age, disability, genetic information, gender identity or expression, veteran status or any other basis prohibited by law or university policy. Reasonable accommodation, based on disability or religious observances, will be considered in accordance with applicable law and UTHealth policy. The University maintains affirmative action programs with respect to women, minorities, individuals with disabilities, and eligible veterans in accordance with applicable law.