

## Postdoctoral Research Fellow Position in Neuroimaging

An exciting postdoctoral research fellow position is available immediately in the magnetic resonance research group in the Department of Diagnostic and Interventional Imaging at The University of Texas Health Science Center at Houston (UTHealth) McGovern Medical School.

We are looking for a highly motivated individual with expertise in machine learning applications in MRI. The candidate is expected to be actively involved in developing highly innovative deep learning-based quantitative MRI techniques in neuroimaging, and work closely with colleagues from different disciplines.

The MRI section at McGovern Medical School is an active research site which led numerous technical developments and translational research. The MRI section has a state-of-art facility including a 3T Philips Ingenia MRI and a 7T Bruker animal dedicated scanner. The lab has plenty of technical and computational resources including GPU workstations and access to the Texas advanced computing center (TACC).

**Qualifications:** Applicants should have a PhD in electrical or biomedical engineering, medical physics, computer science, or a related field with strong written and verbal communication skills, be highly organized, and able to prioritize their own work with minimal supervision.

Previous experience in biomedical image registration, restoration, and segmentation, MRI image reconstruction, motion correction, fast imaging, pulse sequence programming, machine learning, computer vision, and pattern recognition, and fluency in Python and Matlab are highly desirable.

**Eligibility:** Applicant should be eligible to work in the US without sponsorship from the UTHealth.

**To apply:** Please send a cover letter, CV, and the names and contact information of three references along with a 1-page statement of goals electronically to Dr. Refaat Gabr at: [refaat.e.gabr@uth.tmc.edu](mailto:refaat.e.gabr@uth.tmc.edu).

**Benefits:** Salary and benefits will be commensurate with NIH and UTHealth guidelines. UTHealth offers a comprehensive and competitive benefits package. For more information 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.*