McGovern Medical School at UTHealth Houston, a leading academic health center, invites applications for an Assistant and/or Associate Professor of Radiology to work in Houston, Texas.


The Department of Diagnostic and interventional Imaging is seeking a MRI specialist with pulse programming and MRI testing experience to join the PET/MRI Research Section.

The radiology department supports a broad spectrum of healthcare and teaching activities partnering with Memorial Hermann-Texas Medical Center and the Lyndon B. Johnson Hospital. In addition, we active collaborations with Rice University, Baylor, and MD Anderson.

The PET/MRI research group is developing a new preclinical and clinical Theragnostic center with a newly installed PET/MRI and high field preclinical Bruker system with PET insert. In addition, a new Ultrasound section with advanced equipment will add to complement the translational research that is ongoing. We are expanding Artificial Intelligence as applied to medicine with the latest developments. The selected candidate will be working with a dynamic team comprised a diverse set of established translational researchers. The vision of the PET/MRI (soon to be US) section is to achieve:

- Excellence in translational research in both preclinical and clinical arenas.
- Excellence in teaching: Training the next generation of clinical researchers by providing exemplary mentorship
- Excellence in research and innovation: Innovating new imaging, AI methods, and treatments to enhance the field of PET/MRI imaging, treatment response, and many others.

Position Key Accountabilities:
The faculty in the Department of Diagnostic PET/MRI Section will be involved in providing preclinical and clinical imaging care, teaching, and supervising students, residents, and fellows different settings.

- Developing and sustaining an environment that support excellence and innovation in clinical research through assessing, planning, implementing, and evaluating programs and standards that support positive patient care outcomes to include excellent risk-adjusted outcomes
- Serving as role model in professional behavior and leadership skills, problem-solving ability, and interpersonal skills.
- Participating in and/or chairing committees, work groups, and meetings at as appropriate
• Assuring interdisciplinary performance improvement programs are active, maintained, and ongoing. Following up to ensure that complaints have been satisfactorily handled. Collaborating to maintain a focus on providing excellent state of the art services

Qualifications:

• Ph.D and/or M.D. degree in Biomedical Sciences, Physics, Mathematics, or Computer Science or foreign equivalent
• Completed Postgraduate training in Radiology, PET, Physics, or Computer Science Research
• Completed MRI and/or PET Safety Training (Level 1 or 2)
• Fellowship/Postdoctoral training in fMRI DTI, and other sequences for brain imaging
• Advanced Sequences knowledge for Body applications
• Board certified in MRI Physics or board eligible.
• Board certified in PET Physics or board eligible
• Experience in the broad spectrum of imaging applications.
• Collaborative nature and ability to communicate are essential for integrating into the vision of the section.

Qualified applicants must demonstrate a commitment to excellence, discovery, and service, have the potential to be outstanding in their field of expertise, and share an interest in fulfilling the common goals of McGovern Medical School at UTHealth Houston.