Imaging Scientist – PET/MRI
Department of Radiology, UT Southwestern Medical Center
Dallas, TX

The Department of Radiology at the University of Texas Southwestern Medical Center in Dallas is seeking a full-time imaging scientist with a focus on providing expertise in PET/MRI to ongoing translational studies and clinical trials with investigational radiopharmaceuticals. Candidate must have a PhD or equivalent in physics, medical physics, or biomedical engineering, and documented Nuclear Medicine, PET, and MRI experience. Appointment rank will be commensurate with academic accomplishments and experience.

This faculty position, in the Translational Molecular Imaging Program, reports directly to the Vice Chair of Radiology Research and works collaboratively with the Chief of Nuclear Medicine, as well as scientists in the Cyclotron and Radiochemistry Program, physicians in the Nuclear Medicine Division, and other scientists throughout the Department.

Expertise in acquisition and analysis of PET/MRI data, including approaches to imaging fusion and anatomic coregistration, is required. The applicant is expected to understand the essential factors for quantitation in nuclear imaging, and use that understanding to develop and implement quantitative imaging programs, including minimizing scanner-dependent errors and optimizing imaging reconstruction methods. Expertise in artificial intelligence applications to PET and PET/MRI data is desired.

As a member of the Radiology Research faculty, the successful candidate is expected to prepare formal presentations of research activities both internally and at national and international conferences. The individual is also expected to participate in the preparation and production of written documentation of research activities, including manuscripts for publication in peer-reviewed journals. This faculty member is also expected to seek independent funding for this research, as well as participate in collaborative grant proposals.

Candidates applying at the level of Assistant Professor should have a minimum of two years of post-doctoral training. Exceptional candidates who apply at the level of Associate Professor are expected to have a strong publication record and peer-reviewed funding in the areas described above.

Ranked in the Top 10 U.S. places to live with the highest pay adjusted to cost of living, the Dallas-Fort Worth area is a richly diverse metropolitan region with affordable housing, a thriving culinary scene, world-renowned arts districts, major professional sports teams, trendy entertainment venues, and unparalleled shopping opportunities. With more than 200 cities, each with its own identity and culture, the region is served by two commercial international airports, as well as major highway and mass-transit systems, enabling an average commute time of about 28 minutes. North Texas is also home to 45 colleges and universities, more than 60 hospitals, and 7.1 million residents who enjoy an unemployment rate that’s below the national average, relatively low crime rates, high-quality school systems and extensive parks and recreation.

To apply, visit https://jobs.utsouthwestern.edu and search for job No. 571182. Please attach a cover letter, curriculum vitae, and contact information for three references to your application. Incomplete applications will not receive full consideration.
For additional information about the position, please contact Dr. Ivan Pedrosa, Vice Chair of Radiology Research, by emailing ivan.pedrosa@utsouthwestern.edu.

UT Southwestern Medical Center is committed to an educational and working environment that provides equal opportunity to all members of the University community. As an equal opportunity employer, UT Southwestern prohibits unlawful discrimination, including discrimination on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, citizenship status, or veteran status.