The University of Texas at Austin is looking to hire a full-time MRI Staff Scientist to join the Biomedical Imaging Center (BIC). The BIC is a university core facility that incorporates multi-modal biomedical imaging (MRI, PET, CT, optical imaging) supporting both clinical and research operations at UT-Austin and the wider community. Our user-base is diverse and encompasses preclinical and human research across multiple fields including oncology, neurology, psychology, psychiatry, nutrition and biomedical engineering. The ideal candidate will be experienced in the application of MRI to biomedical research - preferably familiar with both preclinical and human imaging – with skills complementary to the current BIC team that will enhance and expand the operations of this core facility.

**Responsibilities**
- Operate, manage, and maintain the clinical and preclinical MR systems of the Biomedical Imaging Center (BIC), including ancillary hardware and software
- Provide technical support to BIC users for preclinical and clinical MR imaging and spectroscopy
- Develop and implement new MR sequences and protocols on the clinical and preclinical systems as required by our user-base
- Manage the MR component of BIC training, including Safety Training, scanner operation and the operation of ancillary equipment
- Manage the MR educational component, including outreach to the local community concerning BIC facilities and services
- Perform other duties as requested

**Required Qualifications**
- PhD in a discipline related to biomedical MRI e.g. biomedical engineering, physics, chemistry / biochemistry, with a detailed knowledge of MR physics
- 3 or more years of experience in the application of MRI to biomedical research in either a clinical or preclinical environment, additional experience may be considered in lieu of a doctoral qualification
- Pulse Sequence and / or image reconstruction programming
- Demonstrated ability to train and support researchers in MRI
- Excellent written, oral and audio/visual communication skills

Relevant education and experience may be substituted as appropriate.

**Preferred Qualifications**
- Experience with Siemens and / or Bruker systems and their sequence / reconstruction programming environments (IDEA, ICE, ParaVision)
- Familiarity with both preclinical and human MR research
- Small animal handling as it relates to preclinical imaging
- Experience with the integration of custom hardware with the MR system
- Familiarity with standard MRI/fMRI analysis packages e.g. Freesurfer, Fsl, Osirix,
- Experience with other software development environments e.g. Matlab, R-studio, MS Visual Studio
- Proficiency with MS Office or equivalent packages

A full job description and further details can be found at:

[The University of Texas at Austin Staff Jobs - Workday (myworkdayjobs.com)](https://www.myworkdayjobs.com)