POSTING LINK TO APPLY http://www.ubjobs.buffalo.edu/postings/25119

Classification Title: Project Assistant

In-House Title: Preclinical Research MRI Technologist

Employer: Research Foundation

FLSA Status: Exempt

Position Summary
The Clinical and Translational Science Institute (CTSI) and its Clinical and Translational Science Award (CTSA) represent a large NIH infrastructure grant to support clinical and translational research at the University at Buffalo (UB) and the Buffalo Translational Consortium (BTC) partner institutions under the leadership of the Director of the CTSI. An important part of the research of the CTSI is to perform advanced imaging. The Center for Biomedical imaging (CBI) is a centralized core unit of the CTSI program. The facility houses three state-of-the-art scanners, among which is the ultra-high field preclinical MRI (Bruker 9.4 Tesla Microspec MRI).

The Preclinical Research MRI Technologist position includes the following responsibilities:

- The successful candidate will work with the CBI’s Lead MRI Scientist and faculty from various departments to implement and execute preclinical MRI studies of rodent models at our Bruker 9.4T horizontal-bore magnet with CryoProbe.
- The candidate will be responsible for the design of experimental protocols, preparation and positioning of animals for imaging, acquisition of MR images, and ultimately ensuring the MRI data are relevant, actionable, and of high quality. The candidate is expected to develop and optimize animal positioning and monitoring protocols and assist with the development of new MRI techniques and animal models. Additional responsibilities include lab management (inventory and ordering), scheduling, maintaining a clear and concise documentation, data management, and guided system-troubleshooting.
- Participate in CTSI staff meetings and other meetings/events relevant to position.
- Perform other duties and/or tasks as assigned.
- As an exempt employee, may need to work outside of normal office hours.
- Adhere to all administrative and personnel policies of the Research Foundation for SUNY and the CTSI.

Minimum Qualifications

- Bachelor’s degree (BA or BS)
- The successful candidate has a training background in preclinical MRI with small animals and proven hands-on experience in rodent handling.
- We are looking for an individual with a positive attitude and a passion for helping others.
- The individual must have a strong work ethic, rigorous attention to detail, and an aptitude for creative solutions.

Preferred Qualifications

- Experience with Bruker ParaVision software, and pulse sequence optimization is preferred.
- We are looking for an individual with the ability to act proactively, set priorities, and shift focus between multiple projects while still meeting deadlines.

Salary Range
$55,000 - $65,000