UR CABIN at the DelMonte Institute for Neuroscience is seeking a Preclinical **MRI Lab Technician** who will be responsible for performing and assisting service center users with small animal and tissue specimen imaging studies. Primary job responsibilities include operation and maintenance of the 9.4T MRI/PET scanner and auxiliary equipment, some animal handling, routine tasks for imaging lab upkeep, and providing training and supervision to students and other lab staff working on experiments. The successful candidate is expected to follow the institutional guidelines for preclinical research, be very detail-oriented, organized, and motivated to learn new skills in small animal MRI/PET.

**Specific responsibilities:**

Under broad guidance from the UR CABIN directors, the tech associate is in charge of daily operations of the animal MRI-PET scanner. Responsibilities include most or all of the following, as well as other related duties:

* Independently operates MRI/PET scanner and assists center users with animal MRI and PET experiments
* Trains and oversees students, postdoctoral fellows and other lab staff working on MRI or PET experiments, advises and assists them on technical problems.
* Ensures the safety of staff and equipment, as well as compliance for small animal handling and use.
* Helps with developing and testing scanning protocols, performs simple debugging of problems, develops and maintains SOPs and training material including safety training materials
* Maintains the MRI scanners and laboratory space, keep the area clean, order and maintain supplies.
* Monitors scanner usage, scheduling and billing.
* Runs and documents routine QC tests to ensure the scanners are functioning properly.
* Ensures MRI data backup and transfer to users
* Coordinates service support, repair of equipment, and minor construction. Recommends expenditures for major laboratory equipment and construction.
* Authorizes expenditure for expendable supplies and maintenance.
* Other projects and job duties as assigned.

**Requirements:**

* BA/BS in a related science and one or more years of recent, directly related work experience, utilizing the techniques or methods required by the position; and/or equivalent experience/training.
* Must have strong attention to detail and have excellent interpersonal and communication skills with faculty, technical staff, postdocs, graduate students, undergraduate students.
* Must be highly organized, self-motivated individual capable of working independently in a collaborative setting.
* Computer literacy

**Preferred Qualifications**

* Some related post-undergraduate work experience.
* Experience with small animal research and handling.
* Prior experience with MRI scanner usage, especially Bruker systems, is strongly preferred but not essential.
* Computer skills, including Windows/Linux operating systems, data storage and transfer, basic image processing software.

**To apply:** Please email your resume/CV, to [madalina\_tivarus@urmc.rochester.edu](mailto:madalina_tivarus@urmc.rochester.edu) and [tanzil\_arefin@urmc.rochester.edu](mailto:tanzil_arefin@urmc.rochester.edu). Consideration of applications will begin immediately and continue until the position is filled.