The Biomedical Imaging Center at the Beckman Institute for Advanced Science and Technology seeks to fill a position for a full-time Magnetic Resonance Research Support Technologist. The purpose of this position is to oversee all aspects of 3T and 7T MRI data collection as it relates to machine operation.

**Duties & Responsibilities**

- Develop, scan and assist with MRI research studies
  - Oversee quality control assessments, database maintenance and investigators’ IRB and IACUC protocol compliance
  - Maintain quality control records on two 3T MAGNETOM Full-Body Prisma MRI, 7T MAGNETOM Full-Body Terra MRI and MRI research support equipment
  - Act as liaison between MRI Support Scientists, technologists and users to ensure proper functionality and compatibility of stimulus presentation and response systems related to MRI scanning studies
  - Contribute to and assist in development technology for novel MRI applications together with MRI Research Support Scientists
- Assist MRI Research Support Scientists and technologists in training new investigators on proper use of equipment
- Perform outreach activities and interact as a technical consultant with technologists and potential users from a variety of disciplines
- Act as a liaison with Siemens and prepare research agreement compliance materials together with the MRI Research Support Scientists
- Perform related duties as assigned

**Physical demands:**

- Standing: Occasionally
- Walking: Occasionally
- Stairs: Rarely
- Sitting: Frequently
- Lifting/Carrying: Occasionally
- Pushing/Pulling: Rarely
- Kneeling: Rarely
- Squatting/Crouching: Rarely
- Crawling: Rarely
- Reaching: Rarely
- Grip/Dexterity: Occasionally
- Twisting: Rarely
- Talking: Frequently
- Hearing: Frequently
- Repetitive Motions: Rarely
- Eye/Hand/Foot Coordination: Occasionally
- Visual Acuity: Frequently
- Physical Exertion: Rarely

**Working Conditions**

- Personal Protective Equipment (PPE): Occasionally

**Additional Physical Demands**

MRI is a large magnet and presents the normal risks associated with an MRI related to metal objects being attracted to the MRI. Screening of self and others entering the MRI space is expected.

**Qualifications:**
Magnetic Resonance Research Support Technologist
Beckman Institute for Advanced Science and Technology
University of Illinois at Urbana-Champaign

Required:

• Bachelor’s degree
• Experience and capability to operate 3T MRI scanners
• Accreditation in medical radiography by the American Registry of Radiologic Technologists and MRI
• Licensure in medical radiography and MRI by the State of Illinois
• CPR and AED

Preferred:

• 5 years of experience with human and/or animal MRI scanning
• Experience operating 7T MRI scanner

Knowledge, Skills and Abilities:

• Knowledge of MRI machine and related equipment (e.g., pulse oximeter)
• Knowledge of fMRI equipment (e.g., visual stimulus presentation systems)
• Strong communication skills, both written and oral, with faculty, staff, students, vendors and service engineers
• Ability to adapt and implement continual changes made to protocols and research paradigms
• Attention to discretion and strict confidentiality at all times
• Ability to interact with faculty, human subjects (for imaging), students and facility staff
• Ability to conduct research studies and devise new methods for MRI examinations

APPOINTMENT INFORMATION
This is a 100% full-time Academic Professional position, appointed on a 12-month basis. The expected start date is as soon as possible after the posting period closes. The salary range for this position is $73,000 – $95,000/year.

APPLICATION PROCEDURES AND DEADLINE INFORMATION
Applications must be received by 6:00 p.m. on September 30, 2023. Apply for this position by visiting https://illinois.csod.com/ui(internal-career-site/app/job-details/7523 and using the Apply Now button at the top or bottom of the posting. Applications not submitted through this website will not be considered. For further information about this specific position, please contact Beckman HR at hr@beckman.illinois.edu. For questions regarding the application process, please contact 217-333-2137.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.