Research Assistant (Magnetic Resonance - MR Technician)

Job no: 519669
Work type: Staff Full Time
Location: UMass Amherst
Department: Core Facilities
Union: USA/MTA
Categories: Laboratory & Research

About UMass Amherst

UMass Amherst, the Commonwealth's flagship campus, is a nationally ranked public research university offering a full range of undergraduate, graduate and professional degrees. The University sits on nearly 1,450-acres in the scenic Pioneer Valley of Western Massachusetts and offers a rich cultural environment in a bucolic setting close to major urban centers. In addition, the University is part of the Five Colleges (including Amherst College, Hampshire College, Mount Holyoke College, and Smith College), which adds to the intellectual energy of the region.

Job Summary

The Magnetic Resonance (MR) Technician will perform MR imaging and spectroscopy procedures in the UMass Amherst Institute for Applied Life Science (IALS) Human Magnetic Resonance Center (hMRC).

Essential Functions

- Performs advanced research techniques & procedures in a Core-specific science.
- Provides day-to-day supervision of specialized Core facilities.
- Maintains Core financial records and databases for tracking invoicing and customer usage.
- Provides timely technical support to user groups.
- Maintains and services instrumentation.
- Provides support for implementation of new techniques and improvements in technology to keep core competitive and state-of-the-art.
- Provides support for Center Director and staff to establish, update and implement safety and operating protocols.
- Ensures appropriate IRB (Institutional Review Board)/Human Subjects approval for studies.
- Oversees subject safety, researching implants and providing safety training to staff.

Other Functions

Performs other duties as assigned.

Minimum Qualifications (Knowledge, Skills, Abilities, Education, Experience, Certifications, Licensure)

- One (1) to two (2) year's experience working in radiology, physics, or related field.
- Minimum of one (1) year experience as MR technician.
- Certified Magnetic Resonance Technician (CRT).
- Associate's Degree or higher.
- Registration by the American Registry of Radiologic Technologists (ARRT) required MR certification/licensure.
- CPR Training required.
- Demonstrated knowledge and understanding of general anatomy, physiology and medical terminology, as well as a high level of knowledge of cross-sectional anatomy.
- Demonstrated excellent interpersonal, oral, and written communication skills, as well as organizational skills.

Physical Demands/Working Conditions

Typical research laboratory/MR center conditions.

Work Schedule

37.5 hours/week, Monday through Friday.

Salary Information

Grade 21

Special Instructions to Applicants

Please complete online application, submit a resume, cover letter, and provide names and contact information for three (3) professional references to ensure consideration.

UMass Amherst is committed to a policy of equal opportunity without regard to race, color, religion, caste, creed, sex, age, marital status, national origin, disability, political belief or affiliation, pregnancy and pregnancy-related condition(s), veteran status, sexual orientation, gender identity and expression, genetic information, natural and protective hairstyle and any other class of individuals protected from discrimination in employment, admission to and participation in academic programs, activities, and services, and the selection of vendors who provide services or products to the University. To fulfill that policy, UMass Amherst is further committed to a program of affirmative action to eliminate or mitigate artificial barriers and to increase opportunities for the recruitment and advancement of qualified minorities, women, persons with disabilities, and covered veterans. It is the policy of UMass Amherst to comply with the applicable federal and state statues, rules, and regulations concerning equal opportunity and affirmative action.

Advertised: Jun 29 2023 Eastern Daylight Time

Applications close: