MRI Physicist/Operations Manager-Senior Research Fellow

University of Massachusetts Amherst is seeking to hire an MRI Physicist/Operations Manager in the Human Magnetic Resonance Center, a core facility in the Institute for Applied Life Sciences.

Job Summary

This position is intended to provide operational oversight of the Human Magnetic Resonance Center (hMRC) in addition to performing MRI Physicist duties including technical assistance with human brain imaging protocol development, data collection, and processing of functional, structural, and diffusion tensor MRI data.

The hMRC provides structural and functional imaging and spectroscopy of all body tissues for researchers at UMass, as well as external users. The candidate will refine operating protocols, ensure daily operation, maintenance, and calibration of the scanner and peripheral equipment; assist faculty, students and external users with MRI training to grow the user base, and oversee hMRC technical staff and students to promote the highest quality, safe daily operation of the center.

Minimum Qualifications

- A Ph.D in physics, engineering, neuroscience or a related field with strong background in MR Physics is required.
- Recent experience in a human experimental neuroimaging research environment.
- Experience with operation of MR scanner and peripheral experimental instrumentation.
- 2-5 years of relevant post-doctoral or research scientist experience conducting neuroimaging research.
- Must understand current scientific methods and research regulations.
- Demonstrated written and verbal communications skills in English.

Preferred Qualifications

- Experience managing a human MR research center and staff is highly desirable.
- Experience with a Siemens platform is preferable.
- MR physics and pulse sequence experience.
- Membership and professional activity in ISMRM is desirable.
- Excellent managerial, leadership, negotiation, and project management skills and ability to manage crises or changing situations effectively is desired.
- Excellent initiative, independence and problem-solving skills. Ability to make sound and mature decisions, in a constative manner when necessary, and to carry out assignments in an organized and timely manner, balancing the demands of concurrent and potentially competing projects is desired.
- Ability to motivate and lead a team working on collaborative projects, and to work cooperatively and productively with staff, faculty, Chair, students, Dean’s office personnel, other campus administrators and staff, and members of the public is desired.
- Experience developing and managing budgets is preferred.

For more information and to apply: Please complete the application in full and provide a cover letter, résumé and contact information of three professional references by December 15, 2019 for priority consideration:
