The Advanced Magnetic Resonance Imaging and Spectroscopy (AMRIS) Facility at UF seeks an MR imaging and spectroscopy scientist for the permanent research staff position of Core Research Facility Manager for Human Imaging and Spectroscopy. Minimum qualifications include a Ph.D., or equivalent, in Physical Sciences or Engineering, with a demonstrated experience and expertise in techniques and applications of MR imaging and spectroscopy. Previous experience in pulse sequence design and implementation as well as data processing is needed. Experience working with human subjects is desirable.

The successful candidate will be expected to work with the staff of the AMRIS Facility to maintain optimal instrument performance and standard protocols for imaging and spectroscopy to provide support for researchers at the University of Florida. This position offers unique opportunities to contribute to the development of the MR imaging and spectroscopy program in the AMRIS Facility and to conduct independent and collaborative research projects. Candidates with an interest in the development of novel methods and/or instrumentation are especially encouraged to apply.

As part of the MR imaging and spectroscopy capabilities, the AMRIS Facility houses state-of-the-art MRI/S and NMR systems including two research-dedicated clinical 3 T scanners, preclinical scanners at 4.7 – 17.6 T, and several unique NMR and DNP instruments. The successful candidate will be primarily responsible for MRI/S operations on the 3T scanners in the AMRIS Facility.

Specific job requirements:

* Responsible for coordinating, scheduling and ensuring proper utilization of research facilities.
* Recommend and implement operating policies and procedures in the AMRIS Facility.
* Keep abreast of current developments and ensure compliance with relevant laws and regulations.
* Plan and participate in research projects.
* Help direct and modify research plans.
* Develop methods and techniques for, and evaluates results of, experiments or studies.
* Prepare and review manuscripts for publication and presentation at scientific meetings.
* May serve as liaison between the AMRIS Facility and outside agencies and the general public.

For additional information on the position, please contact Dr. Joanna R. Long, jrlong@ufl.edu, or Dr. Thomas Mareci, thmareci@ufl.edu. The University of Florida is an Equal Opportunity/Access/Affirmative Action Employer. Applications will be accepted Until May 16th at http://explore.jobs.ufl.edu/cw/en-us/job/510836/amris-facility-manager-of-clinical-mris-instrumentation.