Assistant Research Scientist/Engineer

The University of Iowa Hospitals and Clinics department of Radiology seeks an Assistant Research Scientist/Engineer to develop and analyze quantitative MR imaging for the assessment of cancer within the MR Research Facility (MRRF). This will include the development of new imaging, as well as spectroscopic techniques, to study tumor response to therapy using both proton as well as other MR visible nuclei. Results from these efforts will be reported in scientific publications, as well as support the writing and submission of grant applications.

The successful candidate will be working in a fast-paced research environment with a diverse team of investigators, students and staff members. State-of-the-art imaging equipment in the MRRF includes research-dedicated 3T and 7T whole body scanners and a small animal 7T scanner.

Training in MR spectroscopy, medical imaging or a related scientific discipline is required, as is MRI pulse sequence development and MR image analysis. Preferred candidates will have prior postdoctoral training and research experience in MR spectroscopy or MR imaging. Previous success with grant applications and peer-reviewed publications is highly desired. Knowledge of GE EPIC pulse programming is a plus.

For more information about the MRRF, please visit https://medicine.uiowa.edu/mri/ and https://www.iibi.uiowa.edu/resources.

To apply, please upload your resume and cover letter (under submission of relevant materials) at https://uiowa.referrals.selectminds.com/jobs/asst-research-scientist-engin-5549.

Questions about this opportunity may be addressed to MRRF Director, Vincent Magnotta vincent-magnotta@uiowa.edu.