Faculty position (non-Tenure Track) for MR Physicist Supporting Pre-Clinical Imaging Facilities

Position Description:

The Department of Radiology at Washington University School of Medicine in St. Louis has an immediate opening for a research faculty position (non-tenure track) to be engaged in the operation of its multi-modality preclinical PET/CT/MR imaging facilities. The faculty rank is to be determined, commensurate with experience.

The department is equipped with a comprehensive suite of preclinical imaging equipment, including a MR Solutions simultaneous PET/MR (3T/7T) scanner, a Bruker 9.4T MRI with 4-channel mouse brain CryoProbe, an Agilent 11.74T MRI, an Agilent 4.7T MRI, and a number of preclinical PET/CT, SPECT, and optical systems. We have also recently installed a MR Solutions 7T MR which resides behind the barrier in a BSL3 infectious disease facility along with benchtop PET and CT systems.

The individual will support and facilitate research projects involving the preclinical MR and PET/MR scanners within the Department of Radiology’s Preclinical PET Imaging facility (https://www.mir.wustl.edu/research/core-resources/preclinical-pet-imaging-facility/) and the Small Animal MR Facility (https://www.mir.wustl.edu/research/core-resources/small-animal-magnetic-resonance-facility/). The successful candidate’s efforts will initially focus on developing and implementing imaging protocols on the MR Solutions scanners but will include the other MR platforms as needs develop. The preclinical imaging infrastructure in the Department of Radiology interfaces extensively with the Center for Clinical Imaging Research (CCIR), the cyclotron facility with access to a wide array of radiotracers, and the wider Department of Radiology research enterprise (https://www.mir.wustl.edu/research/) to support translational imaging research.

Basic Qualifications:

We are seeking exceptional candidates holding a Ph.D. with experience in hands-on MR research and optimizing MRI protocols. Prior experience with small animal imaging and pulse sequence programming is preferred.

Questions about this position should be directed to Professor Pamela Woodard (woodardp@wustl.edu) and interested candidates can apply at: https://facultyopportunities.wustl.edu/Posting/Detail/1010633.

An Equal Opportunity Affirmative Action Employer:

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and affirmative action. It is the university’s policy to recruit, hire, train, and promote persons in all job titles without regard to race, color, age, religion, gender, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information. Washington University seeks an exceptionally qualified and diverse faculty; women, minorities, protected veterans and candidates with disabilities are strongly encouraged to apply.