



Postdoctoral / Research Associate Position in MR Research

A Postdoctoral / Research Associate position is available immediately working with Dr. Tao Jin at the Neuroimaging Laboratory (NIL) of the Department of Radiology, University of Pittsburgh. The position provides an excellent opportunity to work in an interdisciplinary environment and collaborate closely with MR physicists, neurologists, and neuroscientists.

The successful candidate will work on the development of novel MRI techniques, including chemical exchange sensitive MRI (e.g., CEST and T1rho), functional MRI, diffusion MRI, and the evaluation of these techniques in preclinical and/or translational studies. The candidate should be highly motivated, have a strong background in MR imaging and/or spectroscopy, excellent writing and communication skills, and a track-record of productivity. A Ph. D degree in physics, medical physics, chemistry, bioengineering, or related field is required. Experience in preclinical MRI, pulse sequence development, computer programming, and data analysis are desirable but not required.

University of Pittsburgh School of Medicine stands among the nation's leading centers of basic and applied biomedical research, and ranks 5th among U. S. medical schools in NIH funding. The Department of Radiology is one of the largest and most productive academic radiology departments, with nearly 200 dedicated clinical and research faculty. The facilities available to research investigation includes 7 T, 9.4 T and 11.7 T animal scanners, 3 T and 7 T human scanners, and 3T PET/MRI hybrid systems.

This position is NIH-funded, and the salary is commensurate with experience. A 2-year minimum commitment is required, and the duration can be extended based on performance. Interested applicants please send CV, cover letter highlighting research experience, future research and career goals, and contact information of three references to Dr. Tao Jin (email: taj6@pitt.edu).

University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.

