



DEPARTMENT OF RADIOLOGY AND IMAGING SCIENCES

INDIANA UNIVERSITY
School of Medicine



Postdoctoral Fellow in Neuroimaging

Department of Radiology and Imaging Sciences at Indiana University School of Medicine (IUSM) seeks candidates for a Postdoctoral Fellow in neuroimaging. This position is supported by funded NIH grants and state awards.

Qualification:

We are looking for applicants who are interested in MRI neuroimaging, and PET molecular imaging and neuroimaging data processing. Programming skills in Matlab, Python, C/C++, or statistical toolbox R/SPSS are desirable. Publication record and skills in imaging data processing with software tools (e.g., FSL, SPM) may play a significant role in selecting. The candidates need to have a PhD or MD in Medical Physics, Bioengineering, Biomedical Engineering, Computer Science, or related disciplines.

About us:

The Indiana Institute for Biomedical Imaging Sciences houses two high-end research-dedicated 3T Siemens Prisma scanners with 32CH and 64CH receiver head coil, two PET-CT systems, and a Bruker 9.4T high-field PET-MRI preclinical scanner. Our research group focuses on developing novel imaging and analytical techniques in advanced diffusion-weighted imaging and other quantitative brain imaging. Our clinical focuses are Alzheimer's disease, mild traumatic brain injury, sport-related concussion, and other neurodegenerative diseases. Candidates also have opportunities to be exposed to pulse sequence programming, fMRI studies, neurophysiological and psychophysical recording facilities, and clinical collaborations with Psychiatrists, Neuroradiologists, Neurologists, Computer Scientists, and Cognitive Neuroscientists. In NIH funding, IUSM ranks 28th in the country and 14th among public medical schools.

How to apply:

We are looking for candidates who are self-motivated and collaborative. The immediate position is a two-year term with a possible extension upon satisfaction. Salary will follow NIH guidelines and will be commensurate with experience. If interested, please send a cover letter, CV, and contact info of three references to **Ms. Rhea Thukral** (rthukral@iu.edu) and **Dr. Yu-Chien Wu** (yucwu@iu.edu), Associate Professor of Radiology and Imaging Sciences and Scientific Director of the In-Vivo Imaging Core at Indiana University School of Medicine. The position and review process will be open until filled.

Indiana University is an Affirmative Action and Equal Employment Opportunity (AA/EEO) employer, M/F/D.