Postdoctoral Fellow in Neuroimaging

The Department of Radiology and Imaging Sciences at Indiana University School of Medicine (IUSM) seeks candidates for a Postdoctoral Fellow in neuroimaging. The immediate position is a two-year term with a possible extension upon satisfaction. This position is funded by NIH grants and state awards. Salary will follow NIH guidelines and will be commensurate with experience.

Eligibility:
- **Educational Qualification**: Ph.D. or MD in Medical Physics, Bioengineering, Biomedical Engineering, Computer Science, or related disciplines.
- **Software Skills**: MATLAB, Python, C/C++, statistical toolbox R/SPSS, image processing with software tools (e.g., FSL, SPM, FreeSurfer, pMOD, etc.).
- **Selection criteria**: We are looking for self-motivated candidates who are comfortable working in a collaborative environment. The candidate’s interest in MRI neuroimaging, PET molecular imaging, and neuroimaging data processing, strong publication record, and image processing skills with software tools is desirable.

About us:
Our Imaging Core houses two high-end research-dedicated 3T Siemens Prisma scanners with 32CH and 64CH receiver head coils, two PET-CT systems (Vision and mCT), 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 neuroscientists. In 2022, IUSM ranks 27th in the country and 14th among public medical schools in NIH funding.

How to apply:
Please send a cover letter, CV, and contact information of three references to Dr. Ghina Zia (gzia@iu.edu), Lab Manager, 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 IUSM. 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.*