Postdoctoral Fellow in Neuroimaging

Department of Radiology and Imaging Sciences at Indiana University School of Medicine seeks candidates for a Postdoctoral Fellow in neuroimaging.

Qualification:
We are actively looking for motivated applicants with a strong passion for translational neuroimaging and the application of data processing techniques in the context of human health. Publication records and skills in imaging data processing with software tools (e.g., Matlab or Python) may play a significant role in selecting. The candidates need to have a PhD or MD in engineering, neuroscience, computer science, or related disciplines.

About us:
Our lab focuses on developing imaging and analytical techniques for understanding neurofluid dynamics in health and disease conditions (e.g., CSF dynamics and hemodynamics that are related to the brain’s clearance function). Our imaging technique involves dynamic diffusion imaging (dynamic DWI), functional MRI (fMRI), arterial spin labeling (ASL), and structural imaging (T1/T2/FLAIR).

The lab is an interdisciplinary environment with strong collaborations with Purdue University.

Our clinical focuses are Alzheimer’s disease, cerebrovascular diseases, and other neurodegenerative diseases. Candidates have opportunities to be exposed to clinical collaborations with Neurologists, Neuroradiologists, and Psychiatrists, and research collaborations with faculty and computer scientists at Purdue University.

Lab website: [https://sites.google.com/view/wenlab/home](https://sites.google.com/view/wenlab/home)

About IU:
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 Brucker 9.4T high-field PET-MRI preclinical scanner.

How to apply:
If interested, please send a cover letter and CV to Qiuting Wen ([wenq@iu.edu](mailto:wenq@iu.edu)), Assistant Professor of Radiology and Imaging Sciences at Indiana University School of Medicine. 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.