



## DEPARTMENT OF RADIOLOGY AND IMAGING SCIENCES

INDIANA UNIVERSITY  
School of Medicine

### Postdoctoral Fellow in MRI Physics

*The Center for Neuroimaging at Indiana University School of Medicine seeks candidates for a Postdoctoral Fellow in MRI physics.*

### Support the Mission of IU Medical School

The Roberts Translational Imaging facility equips the state-of-the-art scanner, Bruker BioSpec 9.4T/30 MRI with PET insert. With the capability of simultaneous PET and MRI acquisition, this scanner is one of the two in the world and the only one in the US. The facility could serve not only CTSI investigators from IUSM, Purdue University, and IU-Bloomington, but also across the country. The scanner provides an unprecedented opportunity to perform cutting-edge, high-resolution imaging for neuroscience research, musculoskeletal disorders, and renal diseases. Candidates also have opportunities to neurophysiological and psychophysical recording facilities, and clinical collaborations with Psychiatrists, Neuroradiologists, Neurologists, Computer Scientists, and Cognitive Neuroscientists.

### **Qualification:**

We are looking for applicants who are interested in pulse sequence development, image reconstruction, and imaging data analysis. Programming skills in Matlab, Python, C/C++, or parallelization are desirable. Publication record and skills in imaging data processing with software tools (e.g. FSL, ANTs) may play a significant role in selecting. The candidates should have a PhD or MD in Medical Physics, Bioengineering, Biomedical Engineering, Computer Science, or related disciplines.

### **How to apply:**

Salary will follow NIH guidelines and be commensurate with experience. We are looking for candidates who are self-motivated and collaborative. If interested, please send a cover letter, CV and contact information for three references to:

### **Nian Wang, PhD**

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Department of Radiology and Imaging Sciences  
Indiana University School of Medicine  
Email: [nianwang@iu.edu](mailto:nianwang@iu.edu)

### **Department Contact for Questions**

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