



Department of Radiology and Imaging Sciences

950 West Walnut St, R2 E124
Indianapolis, IN 46202

Postdoctoral MRI Scientist

The Department of Radiology and Imaging Science (<http://radiology.medicine.iu.edu/>) of Indiana University School of Medicine is seeking a highly motivated individual as a postdoctoral MR Scientist in translational MRI research and development. The main area of focus for this position will be on developing advanced MRI techniques and applications to support translational research projects.

The requirements for this position include a PhD in biomedical engineering, physics or related fields; a solid background in the principle of MRI, a strong interest in MRI research and development and good communication skills. A candidate should already have some experience on a whole body MRI scanner. Analytical skills and knowledge of commonly used programming languages such as C/C++, Matlab are expected; Preference will be given to candidates with experience in pulse sequence design and image reconstruction on Siemens IDEA environment. The successful candidate will participate in collaborative clinical and pre-clinical research programs and work together with a team of radiologists, physicists and research scientists.

IU School of Medicine is one of the largest medical schools in the United States and the Department of Radiology and Imaging Science has dedicated substantial resources to biomedical imaging research, including two 3T whole body MRI scanners (Siemens Prisma and Prisma-FIT with multi-nuclear capability and small animal imaging coils), PET/MR, PET/CT and radiochemistry, in a modern facility (<http://imaging.medicine.iu.edu/>). The same facility also includes preclinical small animal imaging resources such as animal PET and CT scanners. The Department and School also have a close relationship with Indiana University Health (<http://www.iuhealth.org/>) which provides patient care through multiple hospitals and clinics throughout central Indiana. The Indiana University Health hospitals and clinics operate more than 20 high field clinical MRI scanners.

Interested candidates should forward his/her CV and the name/address of three references to:

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