

POSTDOCTORAL RESEARCH FELLOW POSITION

Michigan Institute for Imaging Technology and Translation

Department of Radiology, University of Michigan

Virtual Interviews Available!



Postdoctoral research fellow positions are open in the newly formed Michigan Institute for Imaging Technology and Translation (MIITT) in the Department of Radiology at the University of Michigan in Ann Arbor, Michigan, USA.

The University of Michigan Department of Radiology is a top-rated Department in an outstanding University with demonstrated excellence in medicine, engineering, arts and sciences, and business. The MIITT seeks to establish a multidisciplinary team of researchers in the heart of the clinical campus.

The primary focus of research will be in MRI technology development and its clinical translation, and specific projects will include:

- Pulse sequence development, image reconstruction, and image analysis
- MR Fingerprinting
- Real-time imaging methods
- Translation of novel technologies to clinical applications

Applicants should have a PhD in Engineering, Physics, Computer Science or a related field with a focus on MRI. Significant experience in MRI physics, acquisition, reconstruction, and processing methods will be essential to successful completion of work. Technical requirements include knowledge in: Matlab, C++, pulse sequence and image reconstruction programming (preferably in Siemens IDEA/ICE), and an ability to operate an MRI scanner. Postdoctoral research fellows will be expected to prepare manuscripts and conference abstracts related to projects and will be expected to prepare preliminary data for grant proposals.

It is essential that applicants have excellent interpersonal skills, oral and written communication skills, problem solving skills, and leadership qualities. Fellows will be encouraged to work in a collaborative group setting, and will interact with multiple faculty, postdoctoral researchers, and student trainees.

If interested, please send a cover letter and curriculum vitae to

- **Nicole Seiberlich, Ph.D.** at nse@med.umich.edu
- **Yun Jiang, Ph.D.** at yunjiang@med.umich.edu
- **Jesse Hamilton, Ph.D.** at hamiljes@med.umich.edu