



**Mount  
Sinai**

*TMII*

Translational and Molecular Imaging Institute

## **Postdoctoral Position in Rapid and Motion-Robust MRI**

**Translational and Molecular Imaging Institute (TMII)**

**Icahn School of Medicine at Mount Sinai**

**New York, NY**

The Translational and Molecular Imaging Institute (TMII: <https://tmii.mssm.edu>) at the Icahn School of Medicine at Mount Sinai is seeking a motivated Postdoctoral Fellow to work on rapid and motion-robust quantitative MRI. The candidate will be working with Li Feng, PhD and Yang Yang, PhD, two Investigators at TMII specializing in fast radial MRI and fast spiral MRI, respectively. Building on Feng's recent work on sparse golden-angle radial imaging (GRASP, see <https://www.mrfengl.com/research>) and Yang's recent work on spiral imaging (<https://www.mountsinai.org/profiles/yang-yang>), this newly-formed team will develop advanced imaging methods for fast and quantitative MRI and translate the techniques for novel clinical applications.

This is a unique and excellent opportunity to quickly gain hands-on skills in both radial and spiral sequence programming, advanced non-Cartesian image reconstruction, motion management, and to conduct productive and innovative research in rapid and motion-robust MRI. The candidate is expected to have a PhD degree in a related field and prior experience in quantitative imaging is a plus.

**Facilities:** The institute currently has 3 Siemens MRI scanners dedicated to research (a 3T Skyra scanner, a Biograph mMR PET/MRI scanner, and a 7T scanner), along with other clinical MRI scanners within the Department of Radiology.

**Location:** The main campus of the Mount Sinai Health System is located in the upper east side of the New York City and is adjacent to the Central Park. Subsidized housing close to the Mount Sinai campus is available for Postdocs.

The interested candidate should send a CV to: [lifeng.mri@gmail.com](mailto:lifeng.mri@gmail.com).