



TMII
Translational and Molecular Imaging Institute

Assistant or Associate Professor, Investigator Track

(Icahn School of Medicine at Mount Sinai, New York, NY)

The **Translational and Molecular Imaging Institute (TMII)** at the **Icahn School of Medicine at Mount Sinai** is announcing the opening of a tenure track position in **human neuroimaging at the Assistant or Associate Professor level**. The ideal candidate will build an independent research program in advanced neuroimaging research and translation to disease. Areas of expertise that are sought for this position include novel methods development and neuroimaging data analysis.

This new faculty member will be part the Advanced Neuroimaging Research Program at TMII, directed by Dr. Priti Balchandani. As a core faculty member of this program, the candidate will have the opportunity to work with researchers in Radiology, Neuroscience, Psychiatry Neurosurgery and Neurology; perform exciting collaborative science in neuroimaging; and be an integral member of a leading-edge brain imaging program.

TMII is equipped with state-of-the-art 3T and 7T MRI scanners, as well as PET/MRI and MRI-compatible EEG systems. The candidate will interact, on a regular basis, with some or all of these systems and data already acquired from these systems. As part of the core faculty of TMII, the candidate will be involved in helping build infrastructure for advanced neuroimaging methods as well as in providing input for future programmatic decisions.

Resources, expertise and mentorship will be provided for the candidate to build an independent research program and secure extramural NIH funding.

The candidate must have a PhD in Engineering, Neuroscience, Physics, Computer Science, Mathematics or a related field and demonstrated high research productivity in novel MR image acquisition and analysis techniques. Experience in neuroimaging, including diffusion MRI and functional MRI is strongly preferred, but all novel research interests and expertise in MR methods development will be considered and are encouraged to apply.

Icahn School of Medicine at Mount Sinai attracts outstanding scientists, clinicians and students, all of whom share a deep commitment to expanding biomedical knowledge, providing expert clinical care and serving the community. Immersed in this environment, TMII offers unprecedented opportunities to bridge the gap between novel imaging methods and direct clinical applications.

Please send a CV and brief statement of research interests and experience to Dr. Priti Balchandani at priti.balchandani@mssm.edu.