Assistant Professor, Investigator Track

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

The Translational and Molecular Imaging Institute (TMII) is announcing the opening of a tenure track position in next generation imaging technology at the Assistant Professor level. The ideal candidate will build an independent research program in a new, innovative imaging technology and translation of this technology to the clinic. We are seeking a wide range of research areas including machine learning as applied to imaging, novel acquisition techniques for MRI, new hardware development for high field MRI, novel multi-modality imaging, and methods to bridge the gap between imaging and surgical therapy. Individuals working on innovative new imaging technology designed to shift clinical paradigms are encouraged to apply.

TMII is advancing the science of imaging, from the development of new visualization technology to improved contrast agents. The imaging program offers state-of-the-art instrumentation, including multiple research-dedicated human systems (7T, 3T, 1.5T, integrated MR/PET, PET/CT, MDCTs), among other instruments. TMII is directed by Dr. Zahi Fayad, a leader in multimodal imaging, and consists of several faculty members with research interests ranging from neuroimaging to nanomedicine. 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, Physics, Computer Science, Mathematics, Biophysics or a related field.

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. TMII is housed in the Hess Center for Science and Medicine, located in the upper east side of Manhattan, adjacent to Central Park. TMII is currently ranked in the top 20 of medical schools in NIH funding.

Please send a CV and brief statement of research interests and experience to Dr. Zahi Fayad at zahi.fayad@mssm.edu.