The Biomedical Engineering and Imaging Institute (BMEII) at the Icahn School of Medicine at Mount Sinai is seeking a Faculty member at the level of Instructor, Assistant Professor, or Associate Professor to lead its In Vivo Imaging Core. The core consists of several human imaging scanners (3T, 7T, PET & CT) as well as a microimaging facility (micro 7T, 9.4T, micro-ultrasound, biophotonics & micro PET/CT).

Duties and responsibilities include:
- Work with various faculties within the Institute to develop strategic plans for instrument purchases, maintenance and space allocation.
- Advise and collaborate with faculty to develop imaging protocols.
- Provide training of users with the imaging equipment.
- Advise users in the design of imaging experiments to select the best protocols to answer a scientific question.
- Manage the image analysis core.
- Advise faculty in image analysis metrics and pipelines.
- Assist in the day-to-day operations of the imaging facility.
- Maintain imaging equipment and related peripherals.

Desired qualifications:
- Ph.D. in related scientific field
- Knowledge of neuroimaging applications with emphasis on experimental design and analysis.
- Knowledge of physics of MRI & PET a plus
- Experience with small animal imaging modalities a plus

Preferred skills: imaging physics, software and hardware. Matlab, Python, FSL, SPM.

No need to be PI on grants (equivalent to service support). Opportunities to be on collaborative grants available. 100% grant support is not required

Good management and communication skills.

Interested individuals should send a CV and a brief statement of interests to Dr. Zahi A. Fayad (zahi.fayad@mssm.edu)