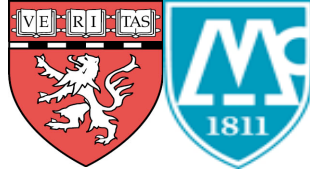


Harvard Medical School



McLean Hospital
Brain Imaging Center
Psychotic Disorders Division

Post-Doctoral position in Neuroimaging and Psychiatric Diseases
Brain Imaging Center and Psychotic Disorders Division, McLean Hospital
Harvard Medical School, Belmont, MA, USA

A postdoctoral fellow position is opening in the Brain Imaging Center and Psychotic Disorders Division at McLean Hospital and Harvard Medical School. The successful candidate will join a multidisciplinary team of researchers and physicians on studies of psychiatric diseases. Multimodal neuroimaging techniques (fMRI, DTI, MRS and EEG) are used to detect pathophysiological mechanisms underlying diseases progression and treatment responses. The candidate will participate in studies with humans and translational animal models.

The Brain Imaging Center at McLean Hospital is a state-of-the-art facility including two Siemens 3T scanners (Trio and Prisma), a Varian 4T human whole-body MRI scanner and a 9.4T Varian horizontal animal imaging system. MR-compatible EEG system is also available. 7T Siemens human scanner at the Martinos Center of MGH is accessible with our specific projects. The primary focus will be on the team's core projects, but there also will be a lot of opportunities to collaborate on interdisciplinary studies in drug addiction, neurodegeneration diseases, diabetes among others.

The postdoctoral candidates would have a background in biomedical engineering, physics, chemistry or a related discipline with primary experience in MRI/MRS. Programming skills in C/C++, Matlab, and Unix/Linux and scientific computing are highly desired. Secondary experience with image processing (FSL or SPM) or MR pulse sequence programming would be helpful.

Salary is commensurate with experience and includes a comprehensive benefits package. A three-year time commitment is expected with a possible extension. McLean is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment.

To be considered for this position, please send your CV, a cover letter with a statement of research interests and three referees to Drs. Fei Du (fd�@mclean.harvard.edu) and Dost Ongur (DONGUR@PARTNERS.ORG).