Postdoctoral position in Neuroimaging
Brain Imaging Center
McLean Hospital, Harvard Medical School

A postdoctoral fellow position is opening in the Brain Imaging Center at McLean Hospital and Harvard Medical School. Multimodal neuroimaging techniques (fMRI, DTI, MRS) 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 primary focus will be on the team’s core projects on brain biochemistry, function and structures in psychiatric disorders and neurodegeneration diseases (Alzheimer’s and aging).

The Brain Imaging Center at McLean Hospital has a state-of-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. A 7T Siemens human scanner at the Martinos Center/MGH is accessible for collaborative projects.

The postdoctoral candidates would have a background in biomedical engineering, physics, neuroscience, or a related discipline with experience in MRI/MRS. Programming skills in C/C++, Matlab, and Unix/Linux and scientific computing are highly desired. Secondary experience with image or spectroscopy data processing would be very helpful.

This position is available immediately and salary is commensurate with experience. 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 Dr. Fei Du (fdu@mclean.harvard.edu), attending the ISMRM/ESMRMB Joint Annual Meeting in Montreal 2019).