Postdoctoral Position at McLean Hospital/Harvard Medical School

A postdoctoral position is available within the Treatment & Etiology of Depression in Youth (TEDY) Lab at Harvard Medical School and McLean Hospital, directed by Christian A. Webb, Ph.D. (https://WebbsLab.com). Our lab uses a multimodal approach (EEG, fMRI, ecological momentary assessment and behavioral tasks) to investigate the etiology and pathophysiology of depression in adolescents, as well as the mechanisms of change in psychotherapeutic and pharmacological treatments for depression. More recently, the lab has focused on machine learning approaches for personalized prediction of treatment response.

The postdoctoral fellow will have the opportunity to work closely with Dr. Webb on a new NIH-funded project focused on predicting the onset of depression in adolescents. The study will involve the collection of MRI, behavioral, ecological momentary assessment (EMA), and clinical/diagnostic data. A primary goal of the project will be to integrate imaging, behavioral, EMA and clinical data, assessed at baseline, to predict the onset of depression over the 2-year follow-up phase of the study. The position will provide opportunities to pursue independent research and interdisciplinary collaborations across Harvard Medical School and the local Boston community. Successful applicants will have access to three research-dedicated human MRI scanners, one animal MRI scanner, and two high-density EEG systems, and will be able to take advantage of the outstanding educational, clinical, and research-related opportunities available at McLean and Harvard Medical School.

Qualifications:
- The ideal candidate will possess a strong background in functional/structural MRI techniques and expertise in computer programming (i.e., MATLAB, Python, R).

To apply:
- Please submit a CV, description of research interests, and 3 reference letters (sent directly by the referee). Application materials can be sent directly to: Dr. Webb (cwebb@mclean.harvard.edu).
- Review of applications will begin immediately (expected start date: Summer 2020 or as soon as possible).

McLean Hospital, an affiliate of Harvard Medical School, is an Equal Opportunity Employer.