

Post-doctoral Position at McLean Hospital/Harvard Medical School

A post-doctoral position is available within the Treatment & Etiology of Depression in Youth Lab (<https://WebbsLab.com>) at Harvard Medical School and McLean Hospital, directed by Christian A. Webb, Ph.D.

Our lab uses a multimodal approach (EEG, fMRI, experience sampling, passive smartphone sensor data, and laboratory-based experiments) 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 post-doctoral fellow will have the opportunity to work closely with Dr. Webb on NIH/NIMH- and foundation-funded projects focused on predicting the onset of depression in adolescents, as well as a new study focused on predictors and mechanisms of change in app-delivered mindfulness training for adolescents with elevated rumination.

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, applicants should submit a cover letter (detailing your research experience and fit for the position/lab), CV, 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: Winter or Spring 2022, but this is negotiable).

All McLean team members are expected to consistently demonstrate our values of integrity, compassion, respect, diversity, teamwork, excellence and innovation in their work activities and interactions. McLean Hospital, an affiliate of Harvard Medical School, is an Equal Opportunity Employer. It is the policy of McLean Hospital to affirmatively provide equal opportunity to all qualified applicants for employment and existing employees without regard to their race, religion, color, national origin, sex, age, ancestry, protected veteran status, disability, sexual orientation, gender orientation or any other basis that would be in violation of any applicable law or regulation.

About McLean

Since 1811, McLean Hospital has been a world leader in the investigation and treatment of mental illness, and in training generations of scientists and clinicians. McLean maintains the largest program of research in neuroscience and psychiatry of any private psychiatric hospital in the United States. Located in Belmont, Massachusetts—about 9 miles west of Boston—McLean is currently ranked the #1 hospital for psychiatry by U.S. News and World Report.