



McLean HOSPITAL
HARVARD MEDICAL SCHOOL AFFILIATE



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

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T32 Post-Doctoral Fellowship Big Neuroimaging and Substance Abuse

NIDA-sponsored T32 Postdoctoral Research Positions are available for training and research using multi-modal MRI data from large scale open access neuroimaging studies to investigate brain structure, function, and physiology in individuals with substance abuse. Our T32 program is in a multidisciplinary, productive, and stimulating environment with excellent research, clinical, preclinical and training resources. This program is entering its 23rd year of support and provides training in substance abuse, a wide array of brain imaging technologies (multi-modal MRI, EEG, polysomnography/sleep, MRS, and near infrared spectroscopy (NIRS)), psychiatry, and translational research. Our partnership with the Martinos Center for Biomedical Imaging at the MGH offers training in PET and combined MRI/PET imaging. Current resources at McLean Hospital include two Siemens 3T Prisma scanners, a Varian 4T scanner and a Varian 9.4T multi-bore animal scanner for studying mice, rats, and nonhuman primates.

Fellowships are available for 2-3 years *for individuals who are US citizens or permanent residents*. The program is structured to offer training in various tracks including clinical research, behavioral pharmacology, functional/physiological imaging technology and analysis and translational research. Training is tailored to meet the individual needs of each Fellow to facilitate transitions to independent scientists. After studying with a preceptor, Fellows will be given opportunities to work in various areas to advance his/her career development. Applicants should hold an M.D., Ph.D. or equivalent degree in psychology, pharmacology, physics, engineering, neuroscience, or a related field. Start date is negotiable and salary is commensurate with the number of years of post-degree training as established by NIH guidelines.

Inquiries related to training in big neuroimaging data and computational methods for substance abuse can be addressed to Dr. Lisa Nickerson (lisa_nickerson@hms.harvard.edu) and general inquiries on the T32 program and other areas of training to the Program Director, Dr. Scott E. Lukas (Lukas@McLean.harvard.edu). Applications can be requested from the T32 Administrative Assistant, Wendy Tartarini, M.A. at wtartarini@mclean.harvard.edu.

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. McLean Hospital does conduct pre-employment drug screening, and any offer of employment is contingent upon satisfactory results of the screening.