

JOB POSITION: FULL TIME/STAFF (Programmer/Neuroimaging Data Analyst)
LAB: BEHAVIORAL NEUROSCIENCE PROGRAM, NYU LANGONE
SUPERVISOR: MOHAMMED MILAD
JOB DESCRIPTION: Computer Programmer/Neuroimaging Data Analyst
CLOSING DATE: Open Until Filled

NYU Langone's Department of Psychiatry is seeking a computer programmer/ neuroimaging data analyst to work under the supervision of Mohammed R. Milad, director of the Behavioral Neuroscience Program.

The research focus of the Behavioral Neuroscience Program is to understand the neural correlates of conditioned fear within the human brain and to determine the implications for these mechanisms to patients with anxiety and fear-based disorders. Dr. Milad's team uses state-of-the-art multimodal techniques to gather psychophysiological, behavioral, and neural data from participants, as well as structural and functional neuroimaging (fMRI) data to examine the mechanisms of conditioned fear and extinction memory retention.

We seek highly motivated candidates to apply for this position and interact with a stellar team of neuroscientists and psychiatrists within the Department of Psychiatry. The candidate must have a PhD in psychology, neuroscience or computer science with substantial neuroimaging and programming expertise. A prior record of publications using functional MRI is recommended, and prior experience in computational modeling, programming (Matlab, Python, R, others) and/or imaging analyses is critical. Applicant should have the ability to interact and collaborate with other team members, yet be able to work independently.

Specific responsibilities for the candidate include the following:

- program behavioral and fMRI tasks in collaboration with the study team
- assist in MRI data collection, data management and MRI data processing
- analyze neuroimaging data including functional, structural and resting-state data
- analyze and synthesize complex and multimodal research data

Interested applicants should submit a CV, a cover letter describing their prior research experience and current interests, as well as their prospective goals (two pages max). Names and contact information of three references (one must be the PhD mentor) should also be included. All documents should be submitted via email to mohammed.milad@nyulangone.org.