

**JOB POSITION:** POSTDOCTORAL FELLOWSHIP

**LAB:** BEHAVIORAL NEUROSCIENCE PROGRAM, NYU LANGONE

**SUPERVISOR:** MOHAMMED MILAD

***OPENED UNTIL FILLED***

**JOB DESCRIPTION:**

NYU Langone's Department of Psychiatry is seeking a post-doctoral fellow 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 are currently developing therapeutic approaches to ameliorate fear and anxiety, including pharmacological and device-based approaches such as transcranial magnetic stimulation (TMS). Investigators in the Behavioral Neuroscience Program conduct research to understand sex differences and the impact of gonadal hormones on the biology of fear and its extinction.

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 neuroscience or related fields with substantial neuroimaging expertise. A prior record of publications using functional MRI is recommended, and prior experience in computational science and programming (Matlab, Python, others) would be a great plus. Applicant should have the ability to interact and collaborate with other team members, yet be able to work independently.

This position enables candidate to develop their career towards scientific growth and becoming an independent investigator. The fellow has opportunities to attend scientific meetings to present data, write research articles, and develop research projects within the scope of the Behavioral Neuroscience Program.

Specific responsibilities for the candidate include the following:

- participate and assist in the recruitment, screening, and neurocognitive assessment of study participants
- acquire functional MRI, psychophysiological, and other forms of data from research participants
- analyze and synthesize complex and multimodal research data
- presentation of research findings within the department and at scientific meetings and conferences
- participate in preparing and writing grant applications

- participate in mentoring students

Interested applicants should submit a CV, a cover letter describing their prior research experience and current interests, as well as their prospective goals (two page 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](mailto:mohammed.milad@nyulangone.org).