



# Applications now open!!!

## Description

The Mountou Lab at UT Southwestern medical center, is seeking highly motivated **postdoctoral fellows** to join our newly established team studying the molecular and circuit-level mechanisms that regulate persistent affective states in both the healthy and diseased brain. The successful candidates will join a vibrant research environment within the Departments of Physiology and Neuroscience, the O'Donnell Brain Institute and the Center for Hypothalamic Research.

## Education

Ph.D. in Neuroscience, Cell & Molecular Biology, Genetics, Bioengineering, Chemistry, Physics, or a related field.

## Appointment

This is a funded full-time position in a neurobiology laboratory focusing in mouse models.

## Duties

- Contribute to grant writing, presentations, and other assigned duties.
- Supervise and mentor junior lab members.

## Qualifications

Candidates should have extensive experience in one or more of the following areas:

- Slice electrophysiology: including data analysis methods using MATLAB and/or Python.

- In vivo imaging: calcium and/or neurotransmitter imaging techniques, including data analysis.

- Quantitative behavioral analysis: experience with rodent behavioral and automated tracking platforms (e.g., SimBA, DeepLabCut, etc.).

- Molecular neurobiology: CRISPR applications, omics approaches, and related bioinformatics and statistical analysis (R studio, Python, etc.).

## How to apply

Send the following materials to [george.mountoufaris@utsouthwestern.edu](mailto:george.mountoufaris@utsouthwestern.edu):

- Curriculum vitae (CV).
- Brief statement of research experience.
- Names and contact information of 2-3 referees.

Application review will begin immediately.