

Job Title	Research Assistant
PVN ID	BA-2105-004019
Category	Research
Location	BARUCH COLLEGE
Department	Natural Sciences
Status	Full Time
Annual Salary	\$30,000.00 - \$32,000.00
Hour(s) a Week	35
Closing Date	Jun 01, 2021 (Or Until Filled)

General Description

Two research assistant positions are available in our laboratory to investigate how mitochondria regulate synaptic function and plasticity.

The prospective collaborator will use live fluorescence microscopy (Airyscan), electrophysiology, and optogenetic tools to measure and modulate mitochondrial function during synaptic activation in drosophila. We welcome email applications from all qualified individuals holding a BSc or BA degrees in the Biological Sciences degree and with experience in drosophila/mitochondrial biology, as well as having the ability to work both independently and in collaboration. Please include a CV, a brief statement of research trajectory and goals, and 3 contacts for reference.

Please visit www.peixotolab.org to see our latest publications and for further inquiries.

Review of applications will close on or before May 31st, 2021.

Other Duties

- training and supervising undergraduate students
- performing general fly lab husbandry
- helping in the maintenance of chemical inventory, instrumentation, and laboratories belonging to the group
- submit monthly reports, present work in group meetings
- complying with safe working conditions

Qualifications

- highly motivated individuals with a BA./ BSc.in Cell Biology/Physiology or related field.
- experience with drosophila physiology, live and confocal fluorescence microscopy, electrophysiology, mitochondrial signaling, and familiarity with metabolic measurements in intact cells and subcellular extracts are a plus.
- we encourage applicants from all backgrounds to join our proud and diverse community.