

Electrical and Computer Engineering Department and Neuroscience Program
Michigan State University

Research Technician Position in the Neural Systems Engineering Laboratory

Lab Director: Prof. Karim G. Oweiss

A research technician opportunity is available immediately in Prof. Karim Oweiss' lab at Michigan State University (<http://www.egr.msu.edu/nse1>).

Duties:

- 1- Anaesthetizing rats, rat perfusion, fixation, brain extraction, sectioning, mounting of slides, staining, cover slipping, microscope imaging.
- 2- Perform immunohistochemistry to locate microglia, and macrophages in tissue slices.
- 3- Maintaining a lab inventory, computers, literature searches, software.
- 4- Helping the lab director in training graduate students on microsurgery techniques for electrophysiology recording in the brain.
- 5- Helping graduate students in training animals on behavioral tasks and maintaining a detailed log of training sessions and data backups.
- 6- Writing brief sections in scientific papers about materials and methods used in experimental work.

Minimum Qualifications:

- 1- Good biological skill set.
- 2- Ability to work with a team composed of faculty (PI), post docs and graduate students

Added Qualifications (will be a plus but are not required and can be easily learned)

- 1- Expertise in electrophysiological recording, microsurgery techniques with small animal models.
- 2- Animal handling and training on behavioral tasks.

Requirements:

- Resume
- 1-2 reference letters

The position is available **immediately** and will remain open until filled. Please send materials electronically to koweiss@msu.edu