FACULTY MENTOR
Imanuel Lerman

PROJECT TITLE
Neural Engineering Device Development

PROJECT DESCRIPTION
Description: We are developing device technology for non-invasive neural recording and stimulation. This is a BARDA funded study with the goal to record neural signals that encode impending infection that may suddenly worsen, i.e., sepsis.

This project can accommodate both remote and in-person students.

INTERNS NEEDED
4 Students

PREREQUISITES
1. ECE or other background acceptable, i.e., bioengineering, MATLAB, Python
2. Good laboratory practice, inquisitive and hard worker
**FACULTY MENTOR**
Imanuel Lerman

**PROJECT TITLE**
Neuromodulation for Sleep

**PROJECT DESCRIPTION**
Description: We are developing neurotechnology devices to improve sleep. This is a DARPA funded study for neurotechnology design.

This project can accommodate both remote and in-person students.

**INTERNS NEEDED**
4 Students

**PREREQUISITES**
1. ECE or other background acceptable, i.e., bioengineering, MATLAB, Python
2. Good laboratory practice, inquisitive and hard worker