NOTICE OF OPEN POSITION

Title: Research fellow

Jobcode: 212442

Job summary and responsibilities: The Neuromodulation Lab, led by Dr. Scott Lempka, is seeking applications for a new postdoctoral research fellow. Our research group performs computational modeling and clinical studies related to neurostimulation therapies for treating neurological disorders, such as chronic pain. The current position is to work on computational modeling of neurostimulation technologies for chronic pain management. This project will offer opportunities for interaction and collaboration with leaders within the fields of neuromodulation and bioelectronic medicine. The fellow will also have the opportunity to participate in other ongoing computational modeling and clinical studies in the laboratory.

Qualifications: Applicants should have a Ph.D. in Biomedical Engineering, Neuroscience, or a related field with a background in computational modeling. We also welcome motivated applicants, who are eager to develop expertise in computational modeling applications.

Salary: Commensurate with qualifications, experience, and institutional and NIH guidelines.

How to apply: Interested applicants must send a cover letter addressing specific interests in the position and outlining relevant skills and experience, a full curriculum vitae (CV), and a list of at least three references with contact information to Scott Lempka at lempka@umich.edu. Questions prior to a formal application are welcome.

Neural engineering at the University of Michigan: The Neuromodulation Lab, within the top-ten ranked Biomedical Engineering department, is part of a vibrant neural engineering and neuroscience community at the University of Michigan. Neural engineering research at U-M spans many conditions, including chronic pain, bladder and sexual dysfunction, spinal cord injury, movement disorders, epilepsy, vision loss, tinnitus, limb amputation, and more. The first silicone microelectrode array, known as the Michigan Probe, was developed at U-M, and multiple efforts are underway to develop the next generations of neural interfaces. The Neuromodulation Lab is co-located with several other neural engineering labs in the Biointerfaces Institute at the North Campus Research Complex, which provides top-notch resources. At U-M, postdoctoral fellows have myriad resources, including a postdoctoral association.

This position is available to start in March 2022