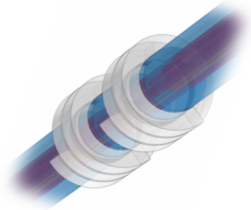


Duke

Biomedical
Engineering

Post-Doctoral Research Associate
-or-
Staff Scientist/Engineer

Electrical Block of Neural Activity



We seek a highly-motivated individual to pursue neural engineering research in a supportive and collaborative environment. Our goal is to advance bioelectronic medicines: electrical stimulation, block, and recording of peripheral nerves for disease treatment and restoration of function.

The successful applicant will combine computational modeling, engineering optimization, and in vivo experiments to advance understanding and application of electrical block of neural activity.

The applicant will also gain exposure to other projects in the lab, spanning from modeling to translational clinical studies and including deep brain stimulation, spinal cord stimulation, peripheral stimulation for bladder control, and non-invasive brain stimulation. The strong interdisciplinary and collaborative environment at Duke is ideal for continued scientific and professional development.

This is a full-time position with University Benefits and provides exceptional opportunities for interdisciplinary research and career development.

Success candidates must...

- Hold a PhD in engineering, neuroscience, physiology, physics, or computer science
- Be a proficient programmer and experience in Python, MATLAB, NEURON, COMSOL, and / or git are assets
- Be familiar with neural biophysics and the fundamental principles of neural engineering
- Have excellent informal and formal written and oral communication skills
- Be capable of balancing independent research progress with collaboration and team work
- Bring curiosity, enthusiasm, and initiative!

For consideration, please submit a CV and the names and contact information of three professional references to:

Warren M. Grill, Ph.D.
Department of Biomedical Engineering
Duke University

warren.grill@duke.edu

Duke University is an equal opportunity / affirmative action employer. The Grill lab values all dimensions of diversity and believe that the best solutions to challenging problems will come from working with people from a broad range of backgrounds and experiences.