

My lab is interested in studying neuromodulation for cognitive dysfunction. Specifically, we are interested in studying deep brain stimulation for a number of disorders, including epilepsy, traumatic brain injury, schizophrenia, addiction, Alzheimer's disease and obesity. We primarily work with rodent models. We are looking to recruit someone who has experience with rodent surgeries and animal husbandry as well as performing rodent behavioral tests.

The applicant should also have a background in animal electrophysiology (i.e. local field potential recording, electrical stimulation, and EEG analysis). Additionally, the applicant should have experience with histology (i.e. sectioning, immunohistochemistry, stereology, microscopy).

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