

Post-doctoral Fellowship in Neural Basis Control of Movement

Description:

A post-doctoral position is available in the Scott lab in the Centre for Neuroscience Studies at Queen's University. Our lab has focussed on the neural and behavioural aspects of voluntary motor function. Funding is now available for a post-doctoral fellow to perform neurophysiological studies on NHPs. The project will examine the role of cortical circuits in generating rapid motor corrections of the limb using visual and somatosensory feedback. Projects use a variety of techniques including robotic technology to measure and modify arm movement, the use of single-neuron or microarrays to record from various cortical regions and/or the use of cooling probes to inhibit neural activity in parts of the cerebral cortex during behavior.

Qualifications

Applicant should have a PhD in a field related to systems neuroscience. Experience with neurophysiological techniques and programming skills are desirable.

Specifics: Funding is available for a minimum of 2 years and potentially longer. Start date is negotiable but ideally before the Summer 2019.

Process: Interested applicants should e-mail directly: steve.scott@queensu.ca. Please include 1) a curriculum vitae, and 2) a statement of research experience and future goals (~1 page) and 3) names of three references.