Neuroscience Postdoctoral Fellow at the Rowland Institute, Harvard University

The RoLi Lab at the Rowland Institute is currently accepting applications for a fully funded postdoctoral research position specializing in optogenetic imaging of behaving animals and development of novel high throughput learning paradigms. The ultimate goal of the RoLi lab is to identify, manipulate, and model the neural circuitry that underlies learning and memory in a vertebrate brain. Our lab develops imaging systems for recording and manipulating neural activity throughout the entire brain of an awake behaving larval zebrafish, as well as learning paradigms adapted for neural imaging and high throughput screening. For more information, please visit RoLiLab.org.

The RoLi lab is a part of the Rowland Institute, a unique research institute within Harvard University. The Rowland Institute fosters highly innovative multi-disciplinary research by a select group of young scientists. The Institute brings together talented scientists spanning biomedical engineering and nanotechnology to optical systems design and neuroscience, and provides exceptional technical support to scientists seeking to push the boundaries of their experimental system. http://www2.rowland.harvard.edu/

Application Requirements

We are seeking a candidate with a PhD or MD/PhD degree in the fields of neurobiology, behavioral neuroscience, biophysics, biomedical engineering, or related field with a demonstrated record of achievements and publications. Candidate must be highly motivated to perform innovative large scale behavioral and neural imaging studies. The ideal candidate will have a publication record demonstrating talent in animal behavior, microscopy, and/or computational analysis of large scale data sets. Expertise with a programming language (i.e. MATLAB, Python, or C++) is preferred.

How to apply

Please apply to jli@rowland.harvard.edu, with the following information:
- CV with a list of talks and publications
- One page summary of previous research
- One page statement of current research interests, as well as specific interest in our research
- Contact information of three references

Contact information

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