

## **Neuroscience Postdoctoral Fellow at the Rowland Institute, Harvard University**

The RoLi Lab at the Rowland Institute is currently accepting applications for two fully funded postdoctoral research positions:

- 1) Neuroengineering of optomechanical systems for whole brain neural imaging in freely behaving larval zebrafish.
- 2) Optogenetic dissection of neural circuitry for learning and memory in larval zebrafish

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 and freely behaving larval zebrafish. For more information, please visit [RoLiLab.org](http://RoLiLab.org).

### **Application Requirements**

We are seeking a candidate with a PhD or MD/PhD degree in the fields of systems or behavioral neuroscience, biophysics, bioengineering, or related field with a demonstrated record of achievements and publications. Candidate must be highly motivated to perform innovative projects that aims to fundamentally advance our understanding of large neural networks. 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 required.

### **How to apply**

Please apply to [jlj@rowland.harvard.edu](mailto:jlj@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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