



Postdoctoral positions in *Drosophila* neuroscience and behavior

Two postdoctoral positions are available in the group of Michael Reiser (<http://research.janelia.org/Reiser/>) at the Janelia Farm Research Campus. The Howard Hughes Medical Institute's Janelia Farm Research Campus (<http://www.hhmi.org/janelia/>) is a unique, world-class research community in the Washington, DC area. The work in our group draws upon experimental approaches to investigate the processing of multisensory information by the *Drosophila* nervous system. We use tethered-flight experiments in a variety of virtual-reality flight simulators to quantify motor responses to controlled multisensory stimuli. In addition to studying several aspects of visual processing in flies, the lab is working to understand the mechanosensory pathways that underlie the behavioral responses to wind stimuli and the robust gravity response.

The postdoctoral researchers will be involved in designing and conducting quantitative behavior experiments with the goal of identifying candidate neuronal circuits to be investigated using molecular-genetic tools, imaging, and electrophysiology. These projects will benefit from close collaboration with several other groups at Janelia Farm working on complementary efforts to study neural circuits in the adult fly brain.

The positions are open to candidates with either a strong background in experimental biology (prior experience with electrophysiology, biological imaging, quantitative behavior, and/or *Drosophila* genetics is preferred) or those with a technical background in Engineering/Physics/Mathematics and a keen interest in Neuroscience.

Applicants should have a Ph.D. in Neuroscience/Biology/Engineering or a related field. Interested applicants should apply by email; please include your curriculum vitae and a letter of research interests, and arrange for three letters of reference to be sent to:

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