

SCIENTIFIC PROGRAM FACTS

SCIENTIFIC PROGRAM

- Collaborative, interdisciplinary research at the forefront of technological innovation, with two primary areas of focus:

The identification of general principles that govern how information is processed by neuronal circuits

The development of imaging technologies and computational methods for image analysis

SCIENTIFIC STAFF

(AT CAPACITY, EXPECTED IN 2009)

- Interdisciplinary—including biologists, chemists, physicists, computer scientists, engineers
- Permanent research staff: 250
- Group Leaders: 24
- Fellows: 20
- Lab Groups: 2–6 scientists each
- Senior Fellows: 3–5
- Visiting Scientists: up to 100

GRADUATE PROGRAM

- Partnership with the University of Chicago and the University of Cambridge
- Students earn Ph.D. in 4 to 5 years
- Students spend first year at the University of Chicago or the University of Cambridge, then complete their training in a JFRC laboratory
- Applications for 2007 due December 15, 2006

SCIENTIFIC SUPPORT SERVICES

- Anatomy and Histology
- Cell and Tissue Culture
- Drosophila Lab
- Electron Microscopy
- Scientific Computing
- Glasswashing and Sterilization
- Instrument Design and Fabrication
- Light Microscopy
- Media Prep
- Molecular Biology

CONFERENCE PROGRAM

The Janelia Farm conference program includes small meetings of up to 100 participants, primarily in areas central to the research interests of Janelia Farm. These are focused, specialized meetings intended to foster rapid advances and collaborative interactions.

2007 CONFERENCE SCHEDULE

- March 4–7, 2007 Neuron Identities
- March 11–13, 2007 Neuroanatomy and Stereotypy of the Adult *Drosophila* Nervous System
- March 13–15, 2007 Insect Behavior: Small Brains, Big Functions
- March 18–21, 2007 Expanding the Genetic Tool-kit in Mouse
- March 25–28, 2007 Neural Circuits and Behavior in *C. elegans*
- April 29–May 2, 2007 Visual Processing in Insects: From Anatomy to Behavior

In addition to these conferences, Janelia Farm hosts the scientific meetings of HHMI investigators. These meetings are by invitation only.