Early in the fall term, Caltech Biology and Biological Engineering Division faculty, postdocs, and graduate students gather for an annual retreat. The retreat provides an opportunity for participants to meet, socialize, and familiarize themselves with the diverse research taking place in BBE labs. It also assists graduate students in selecting rotation labs.

Annual Retreat | September 27-29, 2013 | Lake Arrowhead Resort

Speakers

**Judith Campbell** | Professor of Chemistry and Biology

**Bil Clemons** | Professor of Biochemistry
*Making a membrane protein*

**Raymond Deshaies** | Professor of Biology
*Mechanisms, regulation, and function of Cullin-RING ubiquitin ligases*

**Ben Deverman** | Postdoctoral Fellow, Patterson Lab

**Michael Elowitz** | Professor of Biology and Bioengineering
*Cell signaling at the single-cell level*
Mitch Guttman | Assistant Professor of Biology
Mechanisms of large non-coding RNA localization to and regulation of chromatin architecture

Jared Leadbetter | Professor of Environmental Microbiology

Elliot Meyerowitz | George W. Beadle Professor of Biology
Chemical and mechanical signaling in a plant stem cell niche

Richard Murray | Thomas E. and Doris Everhart Professor of Control and Dynamical Systems and Bioengineering
Biomolecular breadboards for prototyping and debugging synthetic biocircuits

Dianne Newman | Professor of Biology and Geobiology
The biology of stasis: understanding microbial survival in chronic infections

Lulu Qian | Assistant Professor of Bioengineering
Molecular programming with synthetic nucleic acid systems
Shu-ou Shan | Professor of Chemistry
ATPase and GTPase tangos during intracellular protein targeting

Paul Sternberg | Thomas Hunt Morgan Professor of Biology
Molecular systems neuroscience: C. elegans sleep and sex

Erik Winfree | Professor of Computer Science, Computation and Neural Systems, and Bioengineering
Chemistry as an information technology

Changhuei Yang | Professor of Electrical Engineering, Bioengineering, and Medical Engineering
Self-imaging Petri dish

Kai Zinn | Professor of Biology