

Quantitative Biology Bootcamp
Brandeis University
January 11 (Sunday) and January 12(Monday), 2009
Hassenfeld Conference Center (Luria 1-3)

Please note: Buffet will be arranged Sunday in Levine-Ross and on Monday in the Feldberg Lounge (both rooms are located on same floor as Luria), with the exception of dinner on 1/12 (refer below)

Sunday, January 11

Morning session cancelled due to snowstorm

- 12:30-1:30 Optional Brunch/Lunch
- 1:30-2:30 Faculty lecture (Eve Marder)
Beyond optimality: How good is good enough
- 2:30-3:00 Student-led discussion
- 3:00-4:00 Faculty lecture (Paul Miller)
Slowing down the brain: how do fast neural processes give us time to think?
- 4:00-4:30 Student-led discussion / Coffee
- 4:30-5:30 Faculty lecture (Jane' Kondev)
Rods, ropes, and chromosomes
- 5:30-5:45 Student-led discussion

Monday, January 12

- 9:00-9:30 Breakfast
- 9:30-10:30 Prize lecture 1 (David Santucci)
A Brief History of the Synapse
- 10:30-11:00 Student-led discussion / Coffee
- 11:00-12:00 Faculty panel (Jeff Gelles, Chris Miller, Dorothee Kern, Paul Miller, and Jane' Kondev)
The challenges of presenting research to a multi-disciplinary audience
- 12:00-1:00 Lunch
- 1:00-2:00 Faculty Lecture (Dorothee Kern)
The choreography of an enzyme's dance
- 2:00-2:30 Student-led discussion / Coffee
- 2:45-4:15 Computer lab (Jeff Gelles) – Goldfarb Classroom
An introduction to graphical programming with LabView
Goldfarb Computer Classroom is in the back corner of the Mezzanine level of the Goldfarb Library, room 231.
- 4:30-5:30 Prize lecture 2 (David Santucci)
Molecules in Space: Diffusible Signals in the Synapse
- 5:30-6:00 Student-led discussion
- 6:30-8:00 Dinner: Jakes Dixie Roadhouse, 220 Moody Street, Waltham