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