2014 Quantitative Biology Bootcamp
Quantitative Biology Program, Brandeis University

Unless otherwise specified, all events are in the Mandel Center for the Humanities, Room G03

Thursday, January 9, 2014

8:30-9:00 Breakfast- Location: Mandel Forum
9:00-9:10 Welcome (Jeff Gelles, Jane Kondev) Location: Mandel G03
9:10-10:10 Faculty lecture (David DeRosier) "Analyzing scientific images with Fourier transforms"
10:10-10:40 Student-led discussion/Coffee- Location: Mandel Forum
10:40-11:40 Prize lecture I (Axel Brilot): "An introduction to electron cryo-microscopy, and how I cold-nuked my sample into insights about ribosome function"
11:40-12:00 Student-led discussion
12:00-1:00 Lunch-Location: Mandel Forum
1:00-2:00 Panel Discussion: (Rachel Woodruff, Emily Westover, Thaya Paramanathan) "College and University Teaching Jobs: How to Get One; What to Expect".
2:00-3:00 Faculty lecture (Avi Rodal): "Signals on the move: intracellular transport of molecular messengers"
3:00-3:30 Student-led discussion/Coffee Break Location Mandel Forum
3:30-4:30 Annual QB SLAM competition
4:30-5:30 Prize lecture II (Axel Brilot/Kyle Harrington): "Bridging Structure and Evolution"
5:30-5:45 Student-led discussion

Friday, January 10, 2014

8:45-9:15 Breakfast: Location: Mandel Forum
9:15-9:25 Travel to Goldfarb Computer Cluster (Mezzanine)
12:25-1:25 Lunch- Location: Mandel Forum
1:25-2:25 Virtual experiment lab presentations and discussion: Mandel G03
2:25-3:25 Prize lecture III (Kyle Harrington): "Evolution, the First Programmer"
3:25-3:55 Student led discussion/Coffee Break Location: Mandel Forum
3:55-4:55 Keynote Lecture: (Sharad Ramanathan, Harvard Univ.): "Attempts at controlling biological circuits"
4:55-5:15 Student led discussion / Wrap up
5:30-7:30 Dinner: Shoppers Café, 731 Moody Street