Quantitative Biology Bootcamp
Brandeis University
January 26 (Saturday) and January 27 (Sunday), 2013
Heller G2 & G6

Please note: Buffet will be arranged in Heller G6

Saturday, January 26, 2013

8:45-9:15 .......... Breakfast (Heller G6)
9:15-9:25 .......... Welcome (Jeff Gelles, Jané Kondev)
9:25-10:25 ....... Faculty lecture (Niko Grigorieff): “A new generation of detectors for electron cryo-microscopy”
10:25-10:55 ....... Student-led discussion/Coffee (Heller G6)
10:55-11:55 ....... Alumnus lecture (Alvaro Sanchez, MIT): “Ecological and evolutionary dynamics of social Microbial populations”
11:55-12:10 ....... Student-led discussion
12:10-1:10 .......... Lunch (Heller G6)
1:10-2:10 .......... Prize lecture I (Alexandra Deaconescu): “Seeing” Biological Polymers with X-Rays in Solution Part I
2:10-2:25 .......... Student-led discussion
2:25-3:25 .......... First Annual QB SLAM competition
3:25-3:40 .......... Coffee Break (Heller G6)
4:40-5:00 .......... Student-led discussion
5:30-7:30 .......... Dinner / Shoppers Café, 731 Moody Street, Waltham, MA.

Sunday, January 27, 2013

8:45-9:15 .......... Breakfast (Heller G6)
9:15-9:25 .......... Travel to (Farber Library Computer Classroom 101)
9:25-12:25 ....... "What's in the black box" virtual experiment lab (10:30 Coffee, Farber Room 101A)
12:25-1:25 .......... Lunch (Heller G6)
1:25-2:25 .......... Virtual experiment lab presentations and discussion
3:25-3:55 .......... Student led discussion/Coffee (Heller G6)
3:55-4:55 .......... Faculty lecture (Douglas Theobald): “Molecular convergence, saltation, and neofunctionalization: The evolution of novel enzyme function viewed at atomic resolution.”
4:55-5:15 .......... Student led discussion / Wrap up