2020 Quantitative Biology Bootcamp
Quantitative Biology Program, Brandeis University

Friday, January 10, 2020

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

8:30-9:00 am  Breakfast and Registration -- Location: Mandel Forum

9:00-9:05 am  Welcome (Jeff Gelles)

9:05-9:40 am  Lightning Talks (Campers)

9:40-10:40 am  HHMI Interfaces Scholar Award Lecture: Timothy Wiggin (Neuroscience)
                “Technology is Overcoming Reductionism in Neuroscience”

10:40-11:00 am  Student-led discussion/Coffee break

11:00-12:00 pm  Faculty lecture: Alex Bisson, Assistant Professor of Biology,
                 “The shape of water: molecular mechanisms of pleomorphism in archaea”

12:00-12:10 pm  Student-led discussion

12:10-1:30 pm  Lunch

1:30-2:30 pm  Faculty lecture: Seth Fraden, Professor of Physics, “y”

2:30-2:45 pm  Student-led discussion

2:45-3:45 pm  Keynote Lecture: Karine Gibbs, Associate Professor of Molecular and Cellular
              Biology, Harvard University. "Lessons from shapes community assembly and movement"

3:45-4:00 pm  Student-led discussion/Coffee Break

4:00-5:30 pm  QB computation exercise: Douglas Theobald, Associate Professor of Biochemistry,
              “Choosing the best scientific model for your data”

5:30-5:40 pm  Bootcamp wrap-up (Jeff Gelles)

6:00-7:30 pm  QB Dinner: Shoppers Café, 731 Moody Street