

2019 Quantitative Biology Bootcamp

Quantitative Biology Program, Brandeis University

Monday, January 14, 2019

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

- 9:30-10:00** Breakfast -- Location: Mandel Forum
- 10:00-10:15** Welcome (Avital Rodal and Michael Hagan)
- 10:15-11:15** Lightning talks (Campers)
- 11:15-11:30** Coffee
- 11:30-12:30** Guillaume Duclos, Assistant Professor of Physics, Brandeis:
"Active nematic liquid crystals in
biological materials: from multicellular tissues to active bio-polymers"
- 12:30 -1:00** Student-led discussion
- 1:00-2:00** Lunch
- 2:00-4:00** Computational exercise "Images: How to make them worth more than a thousand words"
Minh Doan, MD, PhD, Broad Institute
- 4:00-4:15** Break
- 4:15-5:15** Keynote Lecture: "Mechanisms for fast dopamine signaling"
Pascal Kaeser, PhD, Associate Professor of Neurobiology,
Harvard Medical School
- 5:15-6:00** Student-Led Discussion, Coffee Break
- 6:00-7:00** Career Development workshop: Data Science Careers
David Borrelli (Insight Data Science Program Director)
with panelists Dan Acker (Former Brandeis PhD, now data scientist at Cogen Therapeutics)
and Alex Batchelor (Harvard PhD, now data scientist at Tamr Inc.)
- 7:30-9:00** Dinner: Shoppers Café, 731 Moody Street