Quantitative Genomics and Genetics
BTRY 4830/6830; PBSB.5021.03
Spring 2018 – Cornell / Weill Cornell

Time: Tuesday, Thursday 10:10 am – 11:25 am
Ithaca Rooms: 224 Weill Hall
NYC Rooms: WGC-C or Other

Jason Mezey
jgm45@cornell.edu

Biological Statistics and Computational Biology (BSCB)
101 Biotechnology Building
Department of Genetic Medicine and
Institute for Computational Biomedicine
13th Floor, Weill-Greenberg Building, 1305 York Ave.

Cornell TA: Olivia Lang
mam737@cornell.edu

Weill TA: Scott Kulm
sdk2004@med.cornell.edu

Course Times and Locations
Lectures: T/Th 10:10-11:25AM.
Cornell, Ithaca: 224 Weill Hall
WCMC: Belfar 204A or 302A of Other (See schedule)

Computer lab:
Cornell, Ithaca Computer Lab 1: Th 5-6PM; 224 Weill Hall
Cornell, Ithaca Computer Lab 2: Fri 8-9AM; 224 Weill Hall
WCMC, NYC: Th 4-5PM;
Jan. 31, Feb. 5, Feb., 12: LC-504 (1300 York - 5th Fl Conf Room)
All other labs: (1300 York – 2nd P [D230] / Q [D232])
Help Sessions
Jason’s Office Hours: Mon. 2-4PM
  Zoom: https://cornell.zoom.us/j/724550601

Note that individual help sessions with Olivia (Cornell), Scott (WCMC, NYC), and Jason (Cornell or WCMC), may be set up by appointment.

Course Website
The official course website will be located on my website:
http://mezeylab.cb.bscb.cornell.edu/Classes.aspx

Suggested Prerequisites
Introductory genetics. Introductory probability and statistics.

Course Work/Grading Policy
Exams: A single mid-term and a final exam. The final exam will be cumulative. Both of these will be take-home exams.

Problem Sets: There will be a short problem set handed out on Tues. or Weds. approximately every week. You will have a week to complete.

Class Project: A single class project, involving analysis of real data, will be assigned during the second half of the semester (~2.5 weeks of time).

Grades: your grades will depend on the course work listed above with the following weights: mid-term (20%), final (30%), Problem Sets (20%), Project (25%), Computer Lab (5% - attendance). A letter grade will be determined from these components. For S/U grading, a letter grade of C- or above is required for an “S”.

Note that graduate / post-graduate and undergraduate students will be graded separately.