

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

Time: Tuesday, Thursday 8:40 am - 9:55 am
Ithaca Rooms: 224 Weill Hall
NYC Rooms: Belfer 204A or 302A 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: Manisha Munasinghe
mam737@cornell.edu

Weill TA: Zijun Zhao
ziz2003@med.cornell.edu

Course Times and Locations

Lectures: T/Th 8:40-9:55AM.

Cornell, Ithaca: 224 Weill Hall

WCMC: Belfer 204A or 302A or Other (See schedule)

Computer lab:

Cornell, Ithaca Computer Lab 1: Th 5-6PM; B30A Mann Library (Manisha)

Cornell, Ithaca Computer Lab 2: Fri 8-9AM; 226 Weill Hall (Manisha)

WCMC, NYC: Th 4-5PM; LC-504 (1300 York Ave - 5th Fl Conf Room)

Help Sessions

Jason's Office Hours: Tues. 2-4PM

Zoom: <https://cornell.zoom.us/j/724550601>

Note that individual help sessions with Manisha (Cornell), Zijun (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.