

Quantitative Genomics and Genetics
BTRY 4830/6830; PBSB.5021.03
Spring 2017 – Cornell / Weill Cornell

Time: Tuesday, Thursday 8:40 am - 9:55 am
Room: 224 Weill Hall (Cornell, Ithaca) and Belfer 204A or 302A (Weill, NYC)

Jason Mezey
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or 646-962-4546

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: Afrah Shafquat
101 Biotechnology Building
as3397@cornell.edu

Weill TA: None

Course Times and Locations

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

Cornell, Ithaca: 224 Weill Hall

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

Computer lab:

Cornell, Ithaca: Th 5-6PM; B30A Mann Library (Afra)

WCMC, NYC: Th 4-5PM; Large Conference Room, Dept. of Genetic
Medicine (13th Floor, Weill-Greenberg Building)

MAKE-UP Computer lab (by permission only)

Help Sessions

Jason's Office Hours: Tues. 3-5PM

Cornell, Ithaca: 101 Biotechnology Suite,
WCMC: Conference Room, Dept. Genetic Medicine

Afrah's Office Hours: Thurs. 12-2PM (101 Biotechnology Suite / Ithaca only!)

Note that individual help sessions with 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 and undergraduate students will be graded separately.