

Quantitative Genomics and Genetics
BTRY 4830/6830; PBSB.5021.01
Spring 2016 – Cornell / Weill Cornell

Time: Tuesday, Thursday 8:40 am - 9:55 am
Room: 224 Weill Hall (Cornell, Ithaca) and Belfer (BB 204-B/C) or Weill-Greenberg (2nd floor A/B)

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: Mahya Mehrmohamadi
101 Biotechnology Building
mm2489@cornell.edu

Weill TA: Jin Hyun Ju
Dept. Genetic Medicine
jj328@cornell.edu

Course Times and Locations

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

Cornell, Ithaca: 224 Weill Hall

WCMC: Belfar 204-B/C or Weill-Greenberg 2nd A/B (See schedule)

Computer lab:

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

WCMC, NYC: Th 4-5PM; See schedule

MAKE-UP Computer lab (by permission only)

Help Sessions

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

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

Mahya's Office Hours: Tues. 3-5PM (101 Biotechnology Suite / Ithaca only!)

Jin's Office Hours: By appointment (contact directly)

Note that individual help sessions with Jason (Cornell or WCMC), Mahya (Cornell), or Jin (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.