

# BSTA – 620 Probability

## Fall 2023

### Lectures:

Monday/Wednesday 10:15 – 11:45pm, Blockley Hall 701

No classes: regular University holidays

### Instructors:

8/30-10/18:

Prof. Douglas Schaubel: 614 Blockley Hall; [douglas.schaubel@penndmedicine.upenn.edu](mailto:douglas.schaubel@penndmedicine.upenn.edu)

Office hours: Mon/Wed: 11:45-12:30

10/23 – 12/11:

Prof. Hongzhe Li (Lee): 215 Blockley Hall; [hongzhe@upenn.edu](mailto:hongzhe@upenn.edu); (215) 573-5038

Office hour: appointment by email.

### TA:

Hongzhe Zhang, [hongzhe.zhang@penndmedicine.upenn.edu](mailto:hongzhe.zhang@penndmedicine.upenn.edu)

Office hours: Thursday, 2:00-3:00 (Blockley 940)

### Textbook:

*Statistical Inference*, 2nd Edition, by G. Casella and R. L. Berger, Duxbury: Thomson Learning Inc (2002). (Required).

**Prerequisite:** undergraduate-level multivariable calculus, linear algebra with matrix, basic probability.

### Lectures:

The lectures will cover the first five chapters in Casella and Berger, though the material in each chapter may be expanded or tailored.

### Homework:

There will be approximately 10 homeworks, with homework due at the end of most weeks. You are encouraged to discuss homework problems with fellow students, but copying is not allowed.

No late homework is accepted.

### Exams:

Midterm: in-class: Wed 18 October

Final Exam: in-class: Wed 13 December

### Grading:

Homework: 50%; Midterm: 20%; Final exam: 30%.