Time: 11:30 - 1:00 T Th (lecture)

Place: Padelford C301

Professor: Jon A. Wellner
Office: B320 Padelford
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Office Hours: 1:30 - 3:30 MWF; or by appointment


Prerequisites: Stat 581-2-3 or Stat 521-2-3 (or concurrent registration in 583 or 523) or comparable,

Grading: Homework: 40%
Project: 60%


Homework: Homeworks will be roughly once every two weeks ... and will cover theory, methods, and computations supplementing the lecture material. They will be handed out on Thursday, and due two weeks later on Thursday. I will hand out (small) homework sets on Thursday March 31; Thursday, April 14; Thursday, April 28, and Thursday, May 12. These will be due on Thursday, April 14, Thursday, April 28, Thursday, May 12, and Thursday May 26 respectively.

Class projects: Typical projects might include:

- Read a theory paper and write 5-10 pages on the results of the paper, the methods used, and the problems remaining.

- Evaluate the use of concentration inequalities in a statistics or probability paper of interest to you.

- Survey a set of concentration inequalities or empirical process methods not covered in the lectures.

Those of you taking the course for credit should decide on a potential project by Thursday, April 7. Projects related to your current research are encouraged. Please write a two-three paragraph proposal describing your project to be submitted in class on Tuesday, April 12. I will schedule presentations of projects for the last two weeks of the quarter.
Other books and sources: