Statistics 127: Statistics for the Biological Sciences
Syllabus

Time: Tuesday, 6:10 ~ 8:40pm
Room: 201 (Tompkins Hall)

Instructor: Yinglei Lai, Assistant Professor of Statistics
E-mail address: ylai@gwu.edu
Webpage: home.gwu.edu/~ylai
Office address: Room 106, 2140 Pennsylvania Ave. NW
Office phone: (202) 994-6664
Office hours: Tuesday, 3:00p ~ 5:00p, or by appointment.

Textbook: Biostatistics: A Foundation for Analysis in the Health Sciences (8th Edition)
by W.W. Daniel ©John Wiley & Sons, Inc. 2005

Description: Introduction to statistical techniques and reasoning applicable to the biomedical and related sciences. Properties of basic probability functions: binomial, Poisson, and normal. Data analysis, inference, and experimental design.

Grading:
- Homework: 60%, work independently
- Final Examination: 25%, closed book.

Note:
- No late homework.
- No early or make-up examinations.
- The date of midterm examination will be on March 8, 2005.
- The date of final examination will be scheduled by the University.
- Stat 51, 53, 91, 104, 111, and 127 are related in their subject matter, and credit for only one of the six may be applied toward a degree.