

# STA 6127 - STAT METH SOC RES 2

## Spring 2008

**Instructor** Dr. Larry Winner

**Office** 228 Griffin/Floyd Hall

**Phone** 392-1941 x-230

**Office Hours** TBA (See Class Website)

**Text** *Statistical Methods for the Social Sciences, 2nd Ed.*, Agresti and Finlay.

### Course Description

This course will cover statistical methods applied in the social sciences, where a single variable is considered the response (dependent variable) and one or more variables are used as predictors (independent variables). We consider cases where the response and predictor variables are of interval, nominal, and ordinal scale. Models, interpretations, and computing (SPSS) will be stressed.

Course Topics
Review
Linear Regression
1-Way Analysis of Variance
2-Way Analysis of Variance
Repeated Measures Designs
Analysis of Covariance
Models for Categorical Responses
Factor Analysis

## Exams

Exam 1, Friday, February 1

Exam 2, Wednesday, March 5

Exam 3, Wednesday, April 23

## Notes

- Homework problems will be assigned from textbook, but not taken up. Homework projects will be posted on web and be taken up and graded.
- Exams will be 1-hour. You may bring a copy of the  $t$ ,  $\chi^2$ ,  $F$  table with hand-written formulas on the back (8.5x11”).
- Homework will count as 25% of your grade. Your highest exam score will be 30%, your lowest will be 20%, the other will be 25%.
- Grades are not negotiable.