### POLS 6481. Research Design and Quantitative Methods II

Lecture 0. Course Introduction

Readings: none

#### 1. Course Introduction

### A. People, Places and Times

Instructor: Scott Basinger UCLA 1991 – 1995 (undergraduate)

UC San Diego 1995 – 2001 (graduate school)

Stanford University 2001 – 2002 (post-doctoral fellow)

SUNY Stony Brook 2002 – 2008

University of Houston 2008 –

Lectures: PGH 200, Tuesday & Thursday, 10:00 – 11:30 AM

Office Hours: PGH 447E, Tuesday, 11:45 AM – 12:45 PM

Lab Sessions: PGH 446, online asynchronous

Teaching Assistant: Tom Hanna

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### B. Grading Procedures

Homework assignments (7)	70%	bi-weekly, due on Mondays*
Reading assignments (13)	20%	weekly (starting in week 2), due on Thursdays**
Lab sessions (13)	10%	weekly (starting in week 2)

<sup>\*</sup> Homework assignments can be submitted to my mailbox before the office closes at 5 PM, unless I allow electronic submission

<sup>\*\*</sup> Reading assignments should be brought to class and handed in by 11:30 AM

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C. Instructional Materials

Two books: Introductory Econometrics: A Modern Approach

Modeling and Interpreting Interactive Hypotheses in Regression Analysis

Blackboard → Monographs in Sage 'Quantitative Applications in the Social Sciences' series

- → Chapters from other textbooks (occasional)
- → Articles from political science journals (final weeks of semester only)

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### D. Topics

- 1. Bivariate Regression (2 weeks)
- 2. Multivariate Regression (4 weeks)
- 3. Time Series Methods (2 weeks)
- 4. Nonlinearity (2 weeks)
- 5. Binary Independent Variables, Interactions (2 weeks)
- 6. Binary Dependent Variables (2 weeks)