2012 ICPSR Summer Program in Quantitative Methods of Social Research

Methodological Issues in Quantitative Research on Race and Ethnicity

“MIQRRE 2012”

Instructor: Abigail A. Sewell
Indiana University

Office: TBD

TA: Rachel La Touche (Indiana University) Office: TBD
Loren Collingwood (University of Washington) Office: TBD

Class Location: TBD

DESCRIPTION OF COURSE

This workshop examines conceptualizations of race and ethnicity and the concomitant issues related to the quantitative analysis of race, ethnicity, and racial/ethnic inequality. The course features research design and analytical issues in the measurement of racial and ethnic populations in the United States. This ICPSR workshop is a core component of a new National Consortium for Diversity Research & Policy Initiative based on collaboration between the National Center for Institutional Diversity and the Institute for Social Research.

The workshop is designed for faculty and research professionals from academia, nonprofit organizations, and government agencies, including advanced social science graduate students who are familiar with data analysis and quantitative research. Individuals with a substantive interest in policy-relevant and cross-discipline social science research on race, ethnicity, and diversity will benefit by their participation in this workshop.

The course will meet from June 19- July 13 at 12:30 to 2:30 from Monday through Friday during the four week period.

Participants should have had at least one course in statistics, as well as a course on research methods/design. The content of the course is geared towards persons who have a background in multiple regression. Prerequisites for the course include a course in linear regression. Individuals lacking this prior experience will face difficulties in comprehending many of the presentations.

Participants are encouraged to enroll in other appropriate ICPSR Summer Program statistics course(s) while taking this workshop.

Participants obtain hands-on experience in data analysis through four lab exercises and by designing, completing, and presenting a quantitative research project using a dataset of their choosing archived in the Resource Center for Minority Data (RCMD) at the ICPSR.

For those taking the course for academic credit, this course counts for two (2) credits.
OVERVIEW OF COURSE CONTENT

The first week focuses on research design issues. Lectures will review research designs and sampling strategies that have been used in quantitative research on race and ethnicity. Lectures will also discuss the theoretical agendas, cross-cultural challenges, conceptual problems, and policy disputes at issue in contemporary quantitative research on race and ethnicity. The lab exercise for the first week will focus on the racialization process.

The second week focuses on approaching race and ethnicity as latent ("left-hand side") variables. Lectures will address methodological issues related to reliable and valid measurements of race and ethnicity, multidimensional constructions of these concepts, and the categorization of race and ethnicity. The lab exercise for the second week will focus on definitions of race and ethnicity.

The third week focuses on approaching race and ethnicity as manifest ("right-hand side") variables. Lectures will address analytical models that attend to the relationships among race, ethnicity, and social inequality - including group comparison models, mediation-moderation models, and intersectionality models. The lab exercise for the third week will focus on decomposition and interaction methods of racial/ethnic disparities.

The fourth week focuses on analytical issues related to making causal inferences about race and ethnicity. Lectures will address the challenges of decomposition analysis, longitudinal analysis, organizational effects, and counterfactual models. The lab exercise for the fourth week will focus on modeling systems of racial/ethnic stratification.

COURSE GRADING

Class Participation  10%

Lab Exercises  50%
  Exercise 1  12.5%
  Exercise 2  12.5%
  Exercise 3  12.5%
  Exercise 4  12.5%

Paper Exercises  40%
  Part A  5%
  Part B  5%
  Part C  15%
  Part D  15%
**REQUIRED READING MATERIALS**

**Books**


**Articles**

See Outline of Course Reading Content. All required articles can be found on the C-Tools site, which will be in operation during the MIQRRE workshop class. This site contains all of the required articles as well as a substantial set of reference readings on race and ethnicity that are not required for the course.

**REQUIRED EXERCISES**

The exercises for the course consist of two types – labs and papers. The lab component of the course consists of a weekly lab. Labs are to be submitted on CTools by midnight of the Friday of each week. The paper component of the course consists of the compilation of a short methodological and results paper. Sections of the paper are to be submitted on CTools by noon on Mondays. The due dates for the lab and paper components of the course are listed below. Further instructions for each assignment can be found on CTools.

**Labs**

Exercise 1 – The Social Construction of Race and Ethnicity – Friday, June 22, 2012 @ midnight
Exercise 2 – The Multidimensionality of Race and Ethnicity – Friday, June 29, 2012 @ midnight
Exercise 3 – The Causality of Race/Ethnicity – Friday, July 06, 2012 @ midnight
Exercise 4 – Modeling Racial and Ethnic Stratification – Friday, July 13, 2012 @ midnight

**Paper**

Part A – Motivation and Theoretical Framework – Monday, June 25, 2012 @ noon
Part B – Description of Concepts and Variables – Monday, July 02, 2012 @ noon
Part C – Description and Critique of Methods of Analysis – Monday, July 09, 2012 @ noon
Part D – Description and Critique of Results of Analysis – Monday, July 16, 2012 @ noon
OUTLINE OF COURSE READING CONTENT

Week 1: Research Design in Quantitative Research on Race and Ethnicity

Monday, June 18, 2012 – Registration; No Class

Tuesday, June 19, 2012 – Scope of Course; Measuring Race and Ethnicity

Readings
- Knight, Roosa, and Umaña-Taylor. Ch. 1.
- Zuberi and Bonilla-Silva. Ch. 2

Wednesday, June 20, 2012 - Theoretical Agendas and Cross-Cultural Issues

Readings
- Stanfield II. Ch. 2, 3, and 4.
- Krysan and Lewis. Ch. 2, 4, and 8.

Thursday, June 21, 2012 – Conceptual and Policy Challenges

Readings
- Zuberi and Bonilla-Silva. Ch 5 and 7.


Friday, June 22, 2012 - Sampling Procedures and Sample Quality

Readings

Knight, Roosa, and Umaña-Taylor . Ch. 2.


**Week 2: Race and Ethnicity as Latent (“Left-Hand Side”) Constructs**

Monday, June 25, 2012 - Misclassification of Race and Ethnicity: Interviewer Challenges

Readings


Tuesday, June 26, 2012 - Reliability and Validity in Measurements of Race and Ethnicity

Readings

Knight, Roosa, and Umaña-Taylor. Ch. 4 and 5.


Wednesday, June 27, 2012 - Multi-Group Categorizations of Race and Ethnicity

Readings


Thursday, June 28, 2012 – Multidimensionality in Quantitative Research on Race and Ethnicity

Readings

Krysan and Lewis. Ch. 7 and 9


Friday, June 29, 2012 – Measuring Ethnicity, Raciality, and Ethnoraciality

Readings

Krysan and Lewis. Ch. 1, 5, 6


**Week 3: Race and Ethnicity as Manifest ("Right-Hand Side") Constructs**

Monday, July 2, 2012 – Multi-Group vs. Single Group Models

Readings


Tuesday, July 3, 2012 - Mediation and Moderation Models

Readings


Wednesday, July 4, 2012 – No Class

Thursday, July 5, 2012 – Decomposition, Group Comparison, and Disparate Impact Models

Readings

Zuberi and Bonilla-Silva. Ch. 19.


Friday, July 6, 2012 - Intersectionality Models

Readings


**Week 4: Modeling Racial and Ethnic Stratification**

**Monday, July 9, 2012 - Experimental Designs and Analyses**

**Readings**

Zuberi and Bonilla-Silva. Ch. 9

Stanfield II. Ch. 7


**Tuesday, July 10, 2012 – Multilevel and Spatial Designs and Analyses**

**Readings**

Zuberi and Bonilla-Silva. Ch. 12 and 14.


Wednesday, July 11, 2012 - Longitudinal Designs and Analyses

Readings


Thursday, July 12, 2012 - Counterfactual Designs and Internet Studies

Readings

Stanfield II. Ch. 10.

Zuberi and Bonilla-Silva. Ch. 6.


Friday, July 13, 2012 – Mixed Methods; Flash Presentations

Readings

Zuberi and Bonilla-Silva. Ch 13.

Stanfield II. Ch. 8 and 9.

Knight, Roosa, and Umaña-Taylor. Ch. 6.