

SUMMER RESEARCH INSTITUTE

The UB Summer Research Institute trains researchers in a collegial, intellectually engaging, and multidisciplinary atmosphere. Workshop participants learn easy-to-understand practical information about statistics and methods and develop skills and knowledge to confidently analyze their own data. Our courses are appropriate for a range of researchers—graduate students from all disciplines, private and public sector researchers and policymakers, college and university faculty—anyone with research experience/training who is looking to gain new skills or brush up on the latest analytic techniques.

Summer 2018

Qualitative Data Analysis

May 21–23

This course introduces attendees to rigorous qualitative analytic approaches, including grounded theory and thematic analysis, and guides attendees in applying them to data. We will also cover techniques for writing and for presenting qualitative data and methods.

Module 1

Introduction to Structural Equation Modeling

May 29–31

This course introduces attendees to structural equation modeling (SEM) both with and without latent variables. Upon finishing the course attendees will be able to estimate models using available software (Mplus) to conduct research and interpret results.

Module 3

Spatial Analysis

May 21–23

This course introduces the utility of spatial data, and focuses on teaching attendees applied spatial analysis skills. Attendees will learn how to use mapping software, how to create maps for presentations, how to usefully transform mapping data, and will be introduced to spatial statistical tools.

Module 2

Introduction and Application of Propensity Score Analyses

June 4–6

This course introduces attendees to propensity score analyses, a quantitative analytic technique geared toward addressing confounding bias. Attendees will be introduced to both propensity score weighting and matching techniques, as well as how to assess covariate balance. Upon completion, attendees will be able to apply propensity score analyses using both SAS and Stata.

Module 4

For more information and registration:

ubevents.org/event/research2018

Contact Us: soc-sri@buffalo.edu



University at Buffalo

Department of Sociology

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