



Dr. Loughran's research interests include deterrence and individuals' responses to sanctions, as well as methods to infer treatment effects from non-experimental data.

BCS Spring Lecture Series

Thursday • February 4 • Noon – 1 pm • Westside A

Causal Inference Using Propensity Scores

This session will briefly lay out the theoretical foundations for propensity scores, and explain how they may be used for causal inference in matching estimation. We will emphasize the empirical application of this methodology through an illustrative example which examines data from the NLSY 1997 in order to estimate the effect of employment during high school on delinquency.

Thursday • February 18 • Noon – 1 pm • Westside A

Analyzing Developmental Trajectories

A developmental trajectory describes the course of a behavior over age or time. This seminar aims to provide participants with a working knowledge to apply a semi-parametric, group-based method for analyzing developmental trajectories. This methodology has four significant capabilities: (1) the capability to identify rather than assume distinctive groups of trajectories, (2) the capability to estimate the proportion of the population following each such trajectory group, (3) the capability to relate group membership probability to individual characteristics and circumstances, and (4) the capability to use the group membership probabilities for various other purposes such as creating profiles of group members.

Please RSVP to Patty Cleveland at 974-6194 or cleveland@bcs.usf.edu



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Dr. Loughran received his Ph.D. in public policy from Carnegie Mellon University in 2007, and completed a post-doctoral fellowship in Law and Psychiatry at the University of Pittsburgh School of Medicine in 2009.

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