Frontiers in the Analysis of Causal Mechanisms

Sponsored by the Eric M. Mindich Conference Fund
Saturday, March 24, 2012
CGIS South Building, 1730 Cambridge St.
Tsai Auditorium, Room S010 lower level

Panelists

**Experimental Verification and the Pure (aka Natural) Direct Effect**
Thomas Richardson, University of Washington

**Causality, Mechanisms, and Statistics**
Jamie Robins, Harvard University

**Inverse Odds Ratio Estimation for Causal Mediation Analysis**
Eric Tchetgen-Tchetgen, Harvard University

**A Three-way Decomposition of a Total Effect into Direct, Indirect, and Interactive Effects**
Tyler VanderWeele, Harvard University

**Identifying Causal Mechanisms in Experiments (primarily) based on Inverse Probability Weighting**
Martin Huber, University of St. Gallen

**Compliance Mixture Modelling with a Zero Effect Complier Class and Missing Data**
Michael Sobel, Columbia University

**Accommodating Missingness When Assessing Surrogacy Via Principal Stratification**
Michael Elliot, University of Michigan

**Identification and Sensitivity Analysis for Multiple Causal Mechanisms: Revisiting Evidence from Framing Experiments**
Kosuke Imai, Princeton University and Teppei Yamamoto, MIT

**Using Post-Treatment Variables to Establish Upper Bounds on Causal Effects: Assessing Executive Selection Procedures in Democracies**
Adam Glynn and Nahomi Ichino, Harvard University

**An Empirical Investigation of the Democratic Peace**
Michael Tomz, Stanford University

**Analyzing Causal Mechanisms: A Formal Approach Using Directed Acyclic Graphs (DAGs)**
Carly Knight and Chris Winship, Harvard University

**Using Marginal Structural Models to Estimate the Direct Effect of Adverse Childhood Social Conditions on Onset of Heart Disease, Diabetes, and Stroke**
Arijit Nandi, McGill University

**Mediation Analysis of Imagery and Memory for Words**
David MacKinnon, Arizona State University

Register by 3/16 at http://projects.iq.harvard.edu/causalmecanisms