

# Meeting on Methodology for Empirical Research on Social Interactions, Social Networks, and Health

*May 2 and 3, 2008*

*Organized by*

Professor Charles F. Manski  
Department of Economics and  
Institute for Policy Research  
Northwestern University

Professor Nicholas A. Christakis  
Department of Health Care Policy,  
Harvard Medical School and  
Department of Sociology, Harvard University

*Hosted by*

The Institute for Quantitative Social Science, Harvard University

## CONFERENCE PROGRAM

### Friday, May 2

<b>8:30-9:00 AM</b>	<b>BREAKFAST</b>
<b>9:00-9:30 AM</b>	<p><b>Chuck Manski</b>    Department of Economics and Institute for Policy Research Northwestern University</p> <p><i>Opening remarks</i></p>
<b>9:30-10:10 AM</b>	<p><b>Nicholas Christakis</b>    Department of Health Care Policy, HMS and Department of Sociology, Harvard University</p> <p><i>Social Contagion in Health Behaviors in Current and Future Longitudinally Resolved Social Network Datasets</i></p>
<b>10:10-10:50 AM</b>	<p><b>Steve Fienberg</b>    Department of Statistics, Machine Learning Department, and Cylab, Carnegie Mellon University</p> <p><i>Stochastic Blockmodels for Networks with Mixed Membership and Challenges For Modeling Dynamically Evolving Networks</i></p>
<b>10:50-11:10 AM</b>	<b>BREAK</b>
<b>11:10-11:50 AM</b>	<p><b>Steven Durlauf</b>    Department of Economics, University of Wisconsin – Madison</p> <p><i>Social Interactions from the Perspective of Economics</i></p>
<b>11:50-12:30 PM</b>	<p><b>Peter Bearman</b>    Institute for Social and Economic Research and Policy Columbia University</p> <p><i>New Models for Dynamic Analysis of Multi-Sided (Large-Scale) Conflict</i></p>
<b>12:30 - 2:00 PM</b>	<b>LUNCH</b>
<b>2:00 - 2:40 PM</b>	<p><b>Laszlo Barabasi</b>    Center for Network Science, Northeastern University</p> <p><i>Human Dynamics: From Priorities to Human Travel Patterns</i></p>

*Friday, May 2 Program (continued)*

<b>2:40 - 3:20 PM</b>	<b>Martina Morris</b> Department of Sociology, University of Washington  <i>Superspreaders or Limited Access Highways? Explaining Generalized Epidemics and Prevalence Disparities in HIV</i>
<b>3:20 - 3:40 PM</b>	<b>BREAK</b>
<b>3:40 - 4:20 PM</b>	<b>Tom Snijders</b> Department of Statistics, University of Oxford  <i>Separating Social Influence from Social Selection on the Basis of Longitudinal Data and Statistical Models</i>

**Saturday, May 3**

<b>8:30-9:00 AM</b>	<b>BREAKFAST</b>
<b>9:00-9:40 AM</b>	<b>Mark Handcock</b> Department of Statistics, University of Washington  <i>Longitudinal Model of Network Formation: Heider's Theory of Balance vs Simmel's Triadic Formation</i> (with David Krackhardt and Martina Morris)
<b>9:40-10:20AM</b>	<b>Pip Pattison</b> School of Behavioural Science, University of Melbourne  <i>Network Topology and its Implications for Model-Building</i>
<b>10:20-10:40 AM</b>	<b>BREAK</b>
<b>10:40-11:20 AM</b>	<b>Garry Robins</b> School of Behavioural Science, University of Melbourne  <i>Selection and Influence: Models for Individual Attributes and Social Network Structures</i>
<b>11:20 AM-12:00</b>	<b>Bryan Graham</b> Department of Economics, University of California, Berkeley  <i>The Average Outcome and Inequality Implications of Segregation in the Presence of Social Spillovers</i> (with Guido Imbens)
<b>12:00-12:40 PM</b>	<b>Matthew Harding</b> Department of Economics, Stanford University  <i>Point Process Estimation of Large-scale Spatial Dependencies</i> (with Martin Burda)
<b>12:40 - 2:00 PM</b>	<b>LUNCH</b>
	<b>Nicholas Christakis &amp; Chuck Manski</b>  <i>Closing remarks</i>