

**Training Interdisciplinary Education Scientists (TIES) Fellowship Program
Summer Institute**

The Pennsylvania State University
May 14-15, 2013

**Evaluating Interventions: Causal Inference in the Context of Randomized and
Non-randomized Designs**

AGENDA

Tuesday, May 14, 2013 <i>Randomized Experimental Designs</i>		
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8:00-8:45am	Continental Breakfast/ Sign-in	
8:45-9:00am	Welcoming Remarks	Dr. Karen Bierman <i>Director, TIES Fellowship and Child Study Center</i>
9:00-10:30am	TOPIC: Cluster Randomized Designs	Dr. Steven Raudenbush <i>Lewis-Sebring Distinguished Professor, Department of Sociology, University of Chicago</i>
10:30-10:45am	Break	
10:45am-12:15pm	TOPIC: Sequential Randomized Trials and Multiphase Optimization Strategy	Dr. Linda Collins <i>Director, The Methodology Center, Pennsylvania State University</i>
12:15-1:00pm	Lunch	
1:00-2:15pm	TOPIC: Evaluation of Programs with Lotteried Admission and Selective Attrition	Dr. John Engberg <i>Senior Economist, RAND Corporation</i>
2:15-2:30pm	Break	
2:30-3:30pm	Panel Challenge, Q&A	Drs. Raudenbush, Collins, Engberg, fellows, and guests participate
3:30-5:00pm	Student Poster Presentations	TIES Fellows

Wednesday, May 15, 2013 <i>Causal Modeling</i>		
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<i>Causal Modeling in the Context of Non-Experimental Designs</i>		
9:00-10:30am	Propensity score methods I: The what, why, and how (of weighting)?	Dr. Donna Coffman <i>Principal Investigator, The Methodology Center, Pennsylvania State University</i>
10:30-10:45am	Break	

10:45am-12:15pm	Propensity score methods II: The how (of matching), how well (diagnostics), and what if (complications)?	Dr. Elizabeth Stuart <i>Associate Professor, Department of Mental Health and Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health</i>
12:15-1:00pm	Lunch	
<i>Causal Modeling in the Context of Single-Subject Designs</i>		
1:00-2:00pm	Causal Inference in Single Subject Research Design	Dr. David Lee <i>Associate Professor, Department of Special Education, Pennsylvania State University</i>
2:00-2:30pm	Final Q&A Concluding Remarks	