

# QUANTITATIVE RESEARCH METHODS WORKSHOP 2018-2019

The Quantitative Research Methods Workshop features cutting-edge research developing and employing quantitative methods in the social sciences. The workshop hosts prominent and up-and-coming scholars in a variety of disciplines, who present work on a range of topics including experimental design, causal identification in observational studies, text analysis, and election forensics. The series is being sponsored by the ISPS Center for the Study of American Politics and [The Whitney and Betty MacMillan Center for International and Area Studies](#) at Yale with support from the Edward J. and Dorothy Clarke Kempf Fund. This year's series was organized by Frederik Sävje, Assistant Professor in the Departments of Political Science and of Statistics & Data Science at Yale University.

## Fall 2018 Seminar Schedule

DATE	SPEAKER & TITLE
SEP 27	<b>Yiqing Xu</b> , Department of Political Science, UC San Diego "Causal Inference with Panel Data"
OCT 4	<b>Teppei Yamamoto</b> , Department of Political Science, MIT "Item Response Theory for Conjoint Survey Experiments"
OCT 25	<b>Susan Athey</b> , Economics of Technology, Stanford Graduate School of Business "Machine Learning Methods for Estimating Heterogeneous Treatment Effects and Treatment Assignment Policies"
OCT 31	<b>Edward H. Kennedy</b> , Statistics and Data Science, Carnegie Mellon University "Sharp Instruments for Classifying Compliers and Generalizing Causal Effects"
NOV 8	<b>Dean Eckles</b> , Sloan School of Management, MIT "Evaluating Stochastic Seeding Strategies in Networks"
NOV 29	<b>Deborah G. Mayo</b> , Department of Philosophy, Virginia Tech University "Statistical Inference as Severe Testing: How it Gets You Beyond the Statistics Wars"
DEC 6	<b>Matthew Masten</b> , Department of Economics, Duke University "The Frontier Approach to Robustness"

## Spring 2019 Seminar Schedule

DATE	SPEAKER & TITLE
JAN 17	<b>Yusuke Narita</b> , Department of Economics, Yale University “Experiment-as-Market: Incorporating Welfare into Randomized Controlled Trials”
JAN 31	<b>Matthew Blackwell</b> , Department of Government, Harvard University “Telescope Matching: A Flexible Approach to Estimating Direct Effects”
FEB 7	<b>Emily Oster</b> , Departments of Economics and of International & Public Affairs, Brown University “Selection on Observed and Unobserved Variables in Observational and Randomized Analyses”
FEB 21	<b>Lihua Lei</b> , Department of Statistics, University of California, Berkeley “Empirical Assessment of Overlap in Observational Studies With Statistical Guarantees”
MAR 7	<b>Kosuke Imai</b> , Departments of Government and of Statistics, Harvard University “Matching Methods for Causal Inference with Time-Series Cross-Section Data”
APR 18	<b>Tara Slough</b> , Department of Political Science, Columbia University “On Theory and Identification: When and Why We Need Theory for Causal Identification”
MAY 2	<b>Daniel A. Spielman</b> , Departments of Computer Science, Statistics & Data Science, and of Mathematics “Connections between Discrepancy Theory and Experimental Design”

[Link to more information regarding the current seminar series.](#)