

# Quantitative Research Methods Workshops 2020-2021

The Quantitative Research Methods Workshop features cutting-edge research engaged in developing and employing quantitative methods in the social sciences. The workshop will host prominent and up-and-coming scholars in a variety of disciplines, who will present work on a range of topics including experimental design, causal identification in observational studies, text analysis, and election forensics. The series is 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.

## 2020 FALL WORKSHOP SCHEDULE:

- SEP 24     **Mohsen Bayati**, Operations, Information & Technology, Stanford GSB  
“Optimal Experimental Design for Staggered Rollouts”
- OCT 1     **Rohini Pande**, Department of Economics and Economic Growth Center, Yale University  
“Does Revolution Work? Evidence from Nepal”
- OCT 13\*    **Chao Chen**, Department of Statistics, Yale University  
“An Evaluation of the Product Method for Estimating Natural Indirect Effect and Mediation Proportion in Epidemiological Studies”  
\*Cosponsored with the Center for Methods in Implementation and Prevention Science
- OCT 22    **Aurore Delaigle**, Department of Statistics, The University of Melbourne  
“Estimating a Covariance Function from Fragments of Functional Data”
- OCT 29    **D. Sunshine Hillygus**, Political Science and Sanford School of Public Policy, Duke University  
“The Methodological and Political Challenges of the 2020 Census”
- NOV 19    **Adam Berinsky**, Department of Political Science, MIT  
“Measuring Attentiveness on Self-Administered Surveys”
- DEC 2\*    **Eric Chen**, Statistics and Data Science, Yale University  
“A Bayesian Approach to Estimate Population Impact Fraction with Exposure Measurement Error under the Internal Validation Design”  
\*Cosponsored with the Center for Methods in Implementation and Prevention Science
- DEC 3     **Francesco Trebbi**, Haas School of Business, University of California, Berkeley  
“Did U.S. Politicians Expect the China Shock?”

## 2021 SPRING WORKSHOP SCHEDULE:

- FEB 4 **Michal Kolesár**, Department of Economics, Princeton University  
“Confidence Intervals for Many Parameters”
- FEB 18 **Eric J. Tchetgen Tchetgen**, Statistics Department at Wharton, UPenn  
“An Introduction to Proximal Causal Learning”
- FEB 25 **Dean Knox**, Operations, Information and Decisions Department at Wharton, UPenn  
“ $\epsilon$ -sharp Bounds for Partially Observed Causal Processes: Testing for Racial Bias in Policing by Fusing Incomplete Records”
- MAR 4 **Macartan N. Humphreys**, Department of Political Science, Columbia University  
“CausalQueries: Make, Update, and Query Causal Models”
- MAR 18 **Guillaume Basse**, Management Science & Engineering and Statistics, Stanford University  
“Displacement Effects in a Hot Spot Policing Intervention in Medellin: Inference and Pitfalls”
- APR 1 **Peter Cohen**, Operations Research Center, MIT  
“Gaussian Prepivoting for Finite Population Causal Inference”
- APR 22 **Elizabeth Tipton**, Department of Statistics, Northwestern University  
“Designing Randomized Trials to Understand Treatment Effect Heterogeneity”
- APR 29 **Bin Yu**, Statistics and Electrical Engineering & Computer Sciences, UC Berkeley  
“Veridical Data Science for Biomedical Discovery: Detecting epistatic interactions with epiTree”
- MAY 6 **Erik Snowberg**, Vancouver School of Economics, University of British Columbia  
“An Organizational Theory of State Capacity”

[LINK TO CURRENT WORKSHOP INFORMATION](#)