

# Isaiah Andrews

## Contact Information

Harvard Department of Economics  
Littauer Center M18  
Cambridge, MA 02138  
iandrews@fas.harvard.edu

## Employment

Professor of Economics, Harvard	2018-
Silverman (1968) Family Career Development Associate Professor (untentured), MIT	2017-18
Visiting Fellow, Yale Economics	Spring 2018
Visiting Fellow, Princeton Economics	Fall 2017
Silverman (1968) Family Career Development Assistant Professor, MIT	2016-2017
Junior Fellow, Harvard Society of Fellows	2014-2017

## Education

Ph.D. in Economics, MIT	2014
B.A. in Economics and Mathematics (with Honors), Yale University	2009

## Professional Activities

Coeditor, American Economic Review	2021-
AEA Committee on the Status of Minority Groups in the Economics Profession	2021-
Associate Editor, Quarterly Journal of Economics	2020
Associate Editor, Econometrica	2020
Organizing Committee for Gary Chamberlain Online Seminar in Econometrics	2020-
Program Committee for Econometric Society 2021 North American Winter Meeting	2020
Associate Editor, American Economic Review	2019-2020
Associate Editor, Journal of Econometrics	2019-2020
NBER Research Associate	2018-
Program Committee for Econometric Society 2019 North American Winter Meeting	2018
Consulting Researcher, Microsoft Research	2017
NBER Faculty Research Fellow	2016-18

## Publications

“Transparency in Structural Research”  
with Matthew Gentzkow and Jesse M. Shapiro (invited discussion paper)  
Forthcoming at *Journal of Business and Economic Statistics*

“Inference After Estimation of Breaks”  
with Toru Kitagawa and Adam McCloskey  
Forthcoming at *Journal of Econometrics*

“On the Informativeness of Descriptive Statistics for Structural Estimates”  
with Matthew Gentzkow and Jesse M. Shapiro (Matthew Gentzkow’s Fisher-Schultz Lecture)  
*Econometrica* (2020), 88, 2231-2258

“A Simple Approximation for Evaluating External Validity Bias”  
with Emily Oster  
*Economics Letters* (2019), 178, 58-62

“Weak Instruments in IV Regression: Theory and Practice”  
with James Stock and Liyang Sun  
*Annual Review of Economics* (2019), 11, 727-753.

“Identification of and Correction for Publication Bias”  
with Maximilian Kasy  
*American Economic Review* (2019), 109(8), 2766-2794

“On the Structure of IV Estimands”  
*Journal of Econometrics* (2019), 211(1), 294-307

“Valid Two-Step Identification-Robust Confidence Sets for GMM”  
*Review of Economics and Statistics* (2018), 100(2), 337-348

“Measuring the Sensitivity of Parameter Estimates to Estimation Moments”  
with Matthew Gentzkow and Jesse M. Shapiro  
*Quarterly Journal of Economics* (2017), 132(4), 1553-1592

“Unbiased Instrumental Variables Estimation Under Known First-Stage Sign”  
with Timothy B. Armstrong  
*Quantitative Economics* (2017), 8(2), 479-503

“Conditional Linear Combination Tests for Weakly Identified Models”  
*Econometrica* (2016), 84(6), 2155-2182

“The Allocation of Future Business: Dynamic Relational Contracts with Multiple Agents”  
with Daniel Barron  
*American Economic Review* (2016), 106(9), 2742-2759

“Conditional Inference with a Functional Nuisance Parameter”  
with Anna Mikusheva  
*Econometrica* (2016), 84(4), 1571-1612

“A Geometric Approach to Weakly Identified Econometric Models”  
with Anna Mikusheva  
*Econometrica* (2016), 84(3), 1249-1264

“Maximum Likelihood Inference in Weakly Identified DSGE Models”  
with Anna Mikusheva  
*Quantitative Economics* (2015), 6(1), 123-152

“Weak Identification in Maximum Likelihood: A Question of Information”  
with Anna Mikusheva  
*American Economic Reviews: Papers and Proceedings* (2014), 104(5), 195-199

## **Working Papers**

“Optimal Decision Rules for Weak GMM”  
with Anna Mikusheva

“Inference for Linear Conditional Moment Inequalities”  
with Jonathan Roth and Ariel Pakes

“A Model of Scientific Communication”  
with Jesse M. Shapiro

“Inference on Winners”  
with Toru Kitagawa and Adam McCloskey

### Honors, Awards, and Grants

MacArthur Fellowship	2020
Fellow of the Econometric Society	2020
NSF Grant SES-1949047 (with Jesse Shapiro and in collaboration with Matthew Gentzkow)	2020-23
Sloan Research Fellowship	2018-20
NSF CAREER Award SES-1654234	2017-22
Robert M. Solow Prize for Excellence in Research and Teaching, MIT	2014
Review of Economic Studies Tour	2014
National Science Foundation Graduate Research Fellowship	2011-14
Ford Foundation Predoctoral Fellowship	2010-11
MIT Economics Departmental Fellowship	2009-11
Summa Cum Laude, Yale	2009
Excellence Award, Afro-American Cultural Center at Yale	2009
Phi Beta Kappa, Yale	2009
Richard U. Light Fellowship, Yale	2006
National Merit Scholarship	2005

### Teaching Experience

Introduction to Data Analysis (Undergraduate), Harvard	2020-
Econometric Methods (Graduate), Harvard	2019-
Statistical Methods in Economics (Graduate), MIT	2016
Nonlinear Econometrics (Graduate), MIT	2016

### Seminar Presentations

**2020** CUHK, USC

**2019** Boston College, Columbia University, Georgia State University, Miami University of Ohio, Rice University, Texas A&M University, UC Davis, UCLA, UT Austin

**2018** Berkeley, Brandeis, Harvard/MIT, Harvard Statistics, UC Irvine, UCLA, UConn, UCSD, Wisconsin, Yale

**2017** Brown, Carlos III, CEMFI, CREST, Harvard Applied Statistics, Montreal Econometrics Seminar, Penn State, Princeton, Simon Fraser University, Toulouse School of Economics, UPenn

**2016** Chicago, Columbia, Erasmus, ITAM, MIT, Ohio State, Stanford (Econ and GSB), Tilberg, Tinbergen Institute

**2015** Boston University, Chicago Booth- Marketing, Maryland- Baltimore County, Maryland- College Park, Michigan- Ann Arbor, LSE, Oxford, UCL, Wesleyan, Yale

**2014** Brown, Cambridge, Chicago Booth- Econometrics and Statistics, Colegio Carlo Alberto, Columbia, Cornell, FGV, INSEAD, Penn State, Princeton, Northwestern, NYU, UPenn, Wisconsin-Madison, Yale

### Conference Presentations

Chamberlain Seminar 2020, NBER Summer Institute (Labor Studies) 2020, Econometric Society

World Congress 2020,  $EC^2$  Conference 2019, UCL Advances in Econometrics Conference 2018, REStud Conference 2018, Vanderbilt Conference on Identification 2018, CEF 2017, Duke DITE conference 2017, Tinbergen Institute Conference on Inference Issues in Econometrics 2017, Duke CEME Conference 2016, Oxford Conference on New Approaches to the Identification of Macroeconomic Models 2016, Econometric Society World Congress 2015, Chicago Interactions Conference 2014, WISE Conference in Honor of Jerry Hausman 2014, Cowles Summer Conference 2014, NBER Summer Institute 2013, Econometric Society North American Winter Meeting 2012, 2013, 2015, Canadian Econometrics Study Group 2011