

# Isaiah Andrews

## 1 Contact Information

MIT Department of Economics  
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## 2 Employment

Professor of Economics, MIT	2023-
George Fisher Baker Professor of Economics, Harvard	2021-2023
Visiting Scholar, MIT	2021-2022
Professor of Economics, Harvard	2018-2021
Silverman (1968) Family Career Development Associate Professor (untentured), MIT	2017-2018
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

## 3 Education

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

## 4 Publications

“Inference on Winners”  
with Toru Kitagawa and Adam McCloskey  
*Quarterly Journal of Economics* (2024), 39(1), 305-358

“Inference for Linear Conditional Moment Inequalities”  
with Jonathan Roth and Ariel Pakes  
*Review of Economic Studies* (2023), 90(6), 2763-2791

“Inference for Losers”  
with Dillon Bowen, Toru Kitagawa, and Adam McCloskey  
*AEA Papers and Proceedings* (2022), 112, 635-42

“Optimal Decision Rules for Weak GMM”  
with Anna Mikusheva *Econometrica* (2022), 90(2), 2117-2142

“A Model of Scientific Communication”  
with Jesse M. Shapiro  
*Econometrica* (2021), 89(5), 2117-2142

“Inference After Estimation of Breaks”  
with Toru Kitagawa and Adam McCloskey  
*Journal of Econometrics* (2021), 224(1), 39-59

“Transparency in Structural Research”  
with Matthew Gentzkow and Jesse M. Shapiro (invited discussion paper)

*Journal of Business and Economic Statistics* (2020), 38(4), 711-722

“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

## 5 Working Papers

“Bootstrap Diagnostics for Irregular Estimators”  
with Jesse Shapiro

“Causal Interpretation of Structural IV Estimands”  
with Nano Barahona, Matthew Gentzkow, Ashesh Rambachan, and Jesse Shapiro

“Optimal Conditional Inference in Adaptive Experiments”  
with Jiafeng Chen

“GMM is Inadmissible Under Weak Identification”  
with Anna Mikusheva

“The Transfer Performance of Economic Models”  
with Drew Fudenberg, Annie Liang, and Chaofeng Wu

## 6 Honors, Awards, and Grants

John Bates Clark Medal	2021
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

## 7 Professional Activities

Coeditor, American Economic Review	2021-2023
Member, AEA Committee on the Status of Minority Groups in the Economics Profession	2021-
Organizing Committee, Gary Chamberlain Online Seminar in Econometrics	2020-
Research Associate, NBER	2018-
Organizer, NBER Working Group on Race and Stratification	2021
Program Committee, 2022 American Economic Association Meetings	2021
Associate Editor, Quarterly Journal of Economics	2020
Associate Editor, Econometrica	2020
Program Committee, Econometric Society 2021 North American Winter Meeting	2020
Associate Editor, American Economic Review	2019-2020
Associate Editor, Journal of Econometrics	2019-2020
Program Committee, Econometric Society 2019 North American Winter Meeting	2018
Consulting Researcher, Microsoft Research	2017
Faculty Research Fellow, NBER	2016-18

## 8 Teaching Experience

Research and Communication in Economics (Undergraduate), MIT	Spring 2024
Econometrics (Graduate), MIT	Spring 2024
New Econometric Methods (Graduate), MIT	Spring 2024
Introduction to Data Analysis (Undergraduate), Harvard	2020-2021
Econometric Methods (Graduate), Harvard	2019-2023
Statistical Methods in Economics (Graduate), MIT	2016
Nonlinear Econometrics (Graduate), MIT	2016

## 9 Seminar Presentations

**2022** Bristol-Warwick Online Seminar, CEMFI, Duke, FGV Sao Paulo, Georgetown, Microsoft Research New England, MIT Stochastics and Statistics Seminar, Notre Dame, Panmure House Edinburgh, Tulane University, University of Chicago Workshop on Quantitative Methods, Universitat Pompeu Fabra, Wisconsin

**2021** Aarhus, Berkeley, Chicago, Stanford, Toronto, Toulouse School of Economics, UCL, Wharton

**2020** CUHK, Melbourne Online Econometrics Seminar, UCSB, USC

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

**2018** Berkeley, Brandeis, Harvard/MIT, Harvard Statistics, Johns Hopkins, 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

## 10 Conference Presentations

Cornell-Penn State Joint IO and Econometrics Conference 2022, California Econometrics Conference 2022, International Conference on Multiple Comparison Procedures 2022, National Association of Business Economists TECH Conference 2022, European Winter Meetings of the Econometric Society 2021, Online Causal Inference Seminar 2021, Code@MIT 2021, Chamberlain Seminar 2021, 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