# Isaiah Andrews

## Contact Information

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

## Employment

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|---|---|
| Professor of Economics, Harvard | 2018- |
| Silverman (1968) Family Career Development Associate Professor (untenured), 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 |

## Education

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

## Professional Activities

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|---|---|
| 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- |
| Associate Editor, Journal of Econometrics | 2019- |
| NBER Research Associate | 2018- |
| Program Committee for Econometric Society 2019 North American Winter Meeting | 2018 |
| Consulting Researcher, Microsoft Research | 2017 |
| NBER Faculty Research Fellow | 2016-2018 |

## Publications

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

"On the Informativeness of Descriptive Statistics for Structural Estimates"
with Matthew Gentzkow and Jesse M. Shapiro (Matthew Gentzkow's Fisher-Schulz Lecture)
Forthcoming at *Econometrica*

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

"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**

"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 and Awards

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|---|---|
| Sloan Research Fellowship | 2018-2020 |
| National Science Foundation CAREER Award | 2017-2022 |
| Robert M. Solow Prize for Excellence in Reasearch 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

**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

$EC^2$ 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