

JONATHAN ROTH

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Employment:

2020-	Senior Researcher, Microsoft Office of the Chief Economist
2021-	Assistant Professor, Brown University Department of Economics

Education:

Ph.D, Economics, Harvard University, 2020
Dissertation title: “Essays in Robust Inference”
Dissertation committee: Isaiah Andrews (chair), Elie Tamer, Lawrence Katz

B.A., Economics and Mathematics, University of Pennsylvania, *summa cum laude*, 2013

Teaching and Research Fields:

Primary fields: Econometrics
Secondary fields: Labor Economics, Machine Learning

Teaching Experience:

Spring 2018	The Econometrics of Machine Learning (graduate), Harvard University, Professor Sendhil Mullainathan
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Other Experience:

2016-2018	Research Assistant for Professor Isaiah Andrews
2015	Research Assistant for Professors Lawrence Katz and Claudia Goldin
2013-2014	Analyst, Cornerstone Research

Honors, Scholarships, and Fellowships:

2021	Arnold Zellner Thesis Award in Econometrics and Statistics – Honorable Mention
2020	David A. Wells Prize for best dissertation in economics (Harvard)
2019	Harvard Dissertation Completion Fellowship
2016-2018	National Science Foundation Graduate Research Fellowship
2013	Shanbaum Prize for Excellence in Undergraduate Economics (UPenn)
2012	Simon Kuznets Fellowship Award in Economics (UPenn)

Publications:

“Bias In, Bias Out? Evaluating the Folk Wisdom” (with Ashesh Rambachan) 1st Symposium on the Foundations of Responsible Computing (FORC 2020), LIPIcs, 156, Pp. 6:1-6:15.

Working Papers:

“Efficient Estimation for Staggered Rollout Designs” (with Pedro H.C. Sant’Anna)

“Why Do Sectoral Employment Programs Work? Evidence from WorkAdvance?” (with Lawrence F. Katz, Richard Hendra, and Kelsey Schaberg)

“When Is Parallel Trends Sensitive to Functional Form?” (with Pedro H.C. Sant’Anna)

“Design-Based Uncertainty for Quasi-Experiments” (with Ashesh Rambachan)

“An Honest Approach to Parallel Trends” (with Ashesh Rambachan)

“Pre-test with Caution: Event-study Estimates After Testing for Parallel Trends”

“Inference for Linear Conditional Moment Inequalities” (with Isaiah Andrews and Ariel Pakes)
Revision requested, *Review of Economic Studies*

“Union Reform and Teacher Turnover: Evidence from Wisconsin’s Act 10”

Conferences, Seminars, and Invited Presentations (including upcoming):

2021	Gary Chamberlain Online Seminar in Econometrics, Berkeley Causal Inference Reading Group, Society of Labor Economics Annual Conference, University of Ottawa (DiD Reading Group), University of Washington (CHOICE), International Association for Applied Econometrics Annual Conference, Cowles Foundation Econometrics Conference, North American Summer Meetings of the Econometric Society
2020	University of Chicago (Booth), Princeton University, Philadelphia Federal Reserve Bank, Brown University, Dartmouth University, University of Michigan, Microsoft, Yale University, Brandeis University, University College London, University of Rochester, UC-Davis, Southern Economic Association Annual Conference
2019	Econometrics International PhD Conference (Erasmus University of Rotterdam), American Educational Research Association Annual Conference, Quantco

Professional Service: Referee for *American Economic Journal: Economic Policy*, *Econometrica*, *Educational Policy*, *Journal of Business & Economics Statistics*, *Journal of Econometrics*, *Journal of the American Statistical Association*, *Journal of Public Economics*, *Proceedings of the National Academy of Sciences*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Quantitative Economics*, *Quarterly Journal of Economics*