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Born: 1983—Richmond, Virginia
Nationality: American

Appointments held

2013 – *Economist*, Federal Trade Commission
2012–2013 *Senior Economist*, Amazon.com
2011–2012 *Economist*, Amazon.com

Areas of specialization

Industrial Organization; Macroeconomics; Applied Econometrics.

Education

2011 PhD in Economics, University of Chicago
2007 MA in Economics, University of Chicago
2005 BA in Economics and Mathematics, University of Virginia

Publications and talks

PUBLISHED AND FORTHCOMING PAPERS

- 2018 "Why Do Previous Choices Matter for Hospital Demand? Decomposing Switching Costs from Unobserved Preferences," with Ted Rosenbaum
Review of Economics and Statistics (forthcoming)
- 2018 "The Micro Elasticity of Substitution and Non Neutral Technology"
RAND Journal of Economics (forthcoming)
- 2018 "Whose Voice Do We Hear in the Marketplace?: Evidence from Consumer Complaining Behavior"
Marketing Science (forthcoming)
- 2017 "A Semiparametric Discrete Choice Model: An Application to Hospital Mergers," with Ted Rosenbaum and Steven A. Tenn
Economic Inquiry (2017), 55 (4), 1919-1944

WORKING PAPERS

- 2018 "How Do Machine Learning Algorithms Perform in Changing Environments? Evidence from Disaster Induced Hospital Closures," with Ted Rosenbaum and Nathan Wilson
- 2018 "Why is Distance Important for Hospital Choice? Separating Home Bias from Transport Costs," with Ted Rosenbaum
Revise and Resubmit, American Economic Journal: Microeconomics
- 2018 "Which Communities Complain To Policymakers? Evidence From Consumer Sentinel"
Revise and Resubmit, Economic Inquiry
- 2017 "Using Disaster Induced Closures to Evaluate Discrete Choice Models of Hospital Demand," with Ted Rosenbaum and Nathan E. Wilson
Revise and Resubmit, RAND Journal of Economics
- 2017 "Payer Steering and Patient Welfare: Evidence from Medicaid," with Ted Rosenbaum
- 2014 "Micro Data and Macro Technology," with Ezra Oberfield
Revise and Resubmit, Econometrica

POLICY PAPERS AND PATENTS

- 2017 Chapter in *After Piketty: The Inequality Agenda post-Capital in the 21st Century* (Harvard University Press)
"What's Wrong with Capital in the 21st Century's Model?"

2015 *Review of Industrial Organization*
"Economics at the FTC: Fraud, Mergers and Exclusion," with David J. Balan, Patrick DeGraba, Francine Lafontaine, Patrick McAlvanah, and David Schmidt

2014 *US Patent 8,732,528 B1*
"Measuring Test Effects Using Adjusted Outlier Data," with Zhuo Zhang, Harry J. Paarsch, Patrick L. Bajari, Sameer R. Rajyaguru, and Ivan E. Gonzalez

CONTRIBUTIONS TO FTC REPORTS

2018 "Mobile Security Updates: Understanding the Issues"

2017 "Blurred Lines: An Exploration of Consumers' Advertising Recognition in the Contexts of Search Engines and Native Advertising: A Federal Trade Commission Staff Report"

2016 "Combating Fraud In African American and Latino Communities: The FTC's Comprehensive Strategic Plan: A Federal Trade Commission Report To Congress"

INVITED PRESENTATIONS

2011 CES-Census; Duke; Fed Board; Midwest Econ Assn; NBER Summer Institute; Simon Fraser; Western Ontario; World Bank (Macro and Growth)

2012 Ifo Conference on Macroeconomics and Survey Data; CES Census Research Conference; Econometric Society NA Summer Meetings; UW

2013 Bank of Canada; Bates White; CFPB; DOJ- Antitrust; eBay Research Labs; Fed Board; FTC

2014 BEA; BLS; CES Census Research Conference; Society for Economic Dynamics
2015 CFPB; DC IO Day; Econometric Society World Congress; FTC Micro Conference; The Global Ramifications of Thomas Piketty's Capital in the Twenty-First Century; IIOC (Discussant)

2016 DC IO Day (Discussant); Econometric Society NA Summer Meetings; FRB-Minneapolis; FTC Changing Demographics Workshop; FTC Marketing Science - Consumer Protection Workshop; IIOC

2017 American University; Bank of England Inequality, Stagnation, and Growth Conference; IIOC; Western Economic Association

2018 American Society of Health Economics Conference; Auburn University; Bank of Canada Workshop on Data Science; IIOC; Richmond Fed, 2018 Marketing and Public Policy Conference; Penn State; Southern Econ Association Meetings; UNC

Honors and awards

- 2016 Janet D. Steiger Award (Every Community Team), FTC
- 2015 Janet D. Steiger Award (Auto Initiative Team), FTC
- 2014 Janet D. Steiger Award (Mobile and Emerging Payments Team), FTC
- 2010–2011 Francis William Immasche Dissertation Fellowship, University of Chicago
- 2009–2010 Esther and T.W. Schultz Dissertation Fellowship, University of Chicago
- 2006 Lee Prize for Best Econometrics Core Exam, University of Chicago
- 2005–2008 National Science Foundation Graduate Research Fellowship
- 2005 Highest Distinction in Economics BA, University of Virginia
- 2005 Outstanding Student Award in Economics, University of Virginia
- 2004 Elzinga Scholarship for Academic Excellence, University of Virginia

Teaching

- Fall 2011 *Co-Lecturer*, Applied Econometrics (2nd Year PhD), University of Washington
- Spring 2010 *Lecturer*, Honors Econometrics (BA), University of Chicago
- Winter 2009 *Teaching Assistant*, Topics in Econometrics (PhD, Azeem Shaikh), University of Chicago
- Spring 2008 *Teaching Assistant*, Cross Section Econometrics (PhD, Ali Hortacsu and Derek Neal), University of Chicago
- Winter 2007 *Teaching Assistant*, Time Series Econometrics (PhD, Lars Hansen), University of Chicago

Service to the profession

Referee for 14th ACM Conference on Electronic Commerce, American Economic Journal: Macroeconomics, American Economic Journal: Microeconomics, Economic Inquiry, Economic Journal, FTC Bureau of Economics Working Paper Series, International Journal of Industrial Organization, Journal of Applied Econometrics, Journal of Development Economics, Journal of the European Economic Association, Journal of Industrial Economics, Journal of International Economics, Journal of Political Economy, Journal of Statistical Software, Marketing Science, National Science Foundation, Oxford Economic Papers, Review of Economic Dynamics, Review of Economic Studies