

Federal Reserve Board
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Experience

Adjunct Professor/Visiting Scholar, Tepper School of Business, CMU, Fall 2016–Spring 2018
Economist, Federal Reserve Board, since July 2013
Short Term Consultant, The World Bank, June–July 2012

Education

Ph.D. Economics, University of Pennsylvania, May 2013
M.S. Mathematics, Texas Tech University, August 2007
M.S. Economics, Texas Tech University, December 2006

Fields of Interest

Broad: Empirical Microeconomics, Applied Microeconomic Theory
Current: Social and Financial Networks, Health Economics, Public Economics

Papers

Discrete Games in Endogenous Networks: Theory and Policy (RR Econometrica)
Social Networks and the Stepping Stone Effect: The Case of Tobacco and Marijuana
Bitcoin: Technical Background and Data Analysis, (with M. Chen)
Housing Finance Across Countries: New Data and Analysis, (with T.H.L. Beck, L. Vado, S. Walley)

Work in Progress

The Network of Large-Value Loans in the U.S.: Concentration and Segregation, (with D. Ebanks)
Measuring Systemicness in the U.S. Insurance Industry, (with N. Foley, B. Narajabad, S. Verani)

Honors, Fellowships, Grants

Paul Taubman Prize for Empirical Economics Research, “best empirical study by a graduate student”
University of Pennsylvania, 2013
TRIO grant (Boettner Center, Population Aging Research Center and Population Studies Center),
University of Pennsylvania, “Friendship Networks and Smoking: Theory and Evidence”, 2012-2013
University fellowship, University of Pennsylvania, 2007-2008
Patrick Odell scholar, “outstanding mathematical talent”, Department of Mathematics, Texas Tech
University, 2007-2008
Chancellor’s fellowship, Department of Economics, Texas Tech University, 2005-2008

Conference & Seminar Presentations

- 2016 Asian Meetings of ES (Kyoto), North American Summer Meetings (Penn), NYU, Society for Economic Measurement (Thessaloniki), Society for Economic Dynamics (Toulouse), SITE (Stanford), University of Hawaii, UPitt
- 2015 American Economic Association (Boston), Econometric Society World Congress (Montreal), International Association for Applied Econometrics (University of Macedonia), Information Transmission in Networks (Harvard), INFORMS (Montreal), St. Louis (Econ)
- 2014 GWU, North American Summer Meetings (Minnesota), Society for Economic Dynamics (Toronto), UT Dallas (Jindal)
- 2013 Board of Governors, Bocconi, Konstanz, Mannheim, Minnesota, St. Louis (OLIN), Texas Tech, Tilburg, Yale (SOM), European Meeting of ES (Toulouse), Annual Congress of EEA (Toulouse)
- 2012 Extreme Science and Engineering Discovery Environment (XSEDE), UPenn, North American Summer Meetings (Northwestern), Summer School on Socio Economic Inequality (UChicago), Quantitative Marketing and Economics (Duke)

Referee Service

Econometrica, European Economic Review, International Economic Review, Journal of Political Economy, Quantitative Economics

Software

FORTRAN, C/C++, CUDA, OpenMP, MPI
R, STATA, Python, MATLAB, LaTeX