

CURRICULUM VITAE

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Professional Experience

Academic Positions

- Associate Professor (with tenure), Cornell, 2013 –
- Visiting Professor, Chinese University of Hong Kong, December 2012
- Rudi Dornbusch Career Development Associate Professor (without tenure), MIT, 2011 – 2013
- Rudi Dornbusch Career Development Assistant Professor, MIT, 2009 – 2011
- Visiting Professor, University of Chicago Booth School of Business, 2008 – 2009
- Visiting Professor, University of Chicago, Department of Economics 2009
- Assistant Professor, MIT, July 2006 –

Professional Affiliations

- Associate Editor of China Economic Review 2018 --
- Editorial board of VoxChina, 2017 –
- East Asian Program Core Faculty, Cornell, 2016 –
- Faculty fellow of David R. Atkinson Center for a Sustainable Future, 2016 –
- Founder and Co-director, Cornell Institute for China Economic Research, 2015 –
- Faculty Research Associate, National Bureau of Economic Research, 2013 –
- Faculty Research Fellow, National Bureau of Economic Research, 2007 – 2013
- Member, American Economic Association, Econometric Society, 2006 –

Education

- Ph.D. in Economics (*with distinction*), Yale University, 2006
Dissertation Title: *Entry and Competition in the Retail and Service Industries*
Dissertation Committee: Steven Berry (*co-chair*), Penny Goldberg (*co-chair*), Hanming Fang, Philip Haile
- M.A. in Economics, Tufts University, 1999
- B.A. in Economics, Fudan University, China 1997

Fields of Concentration:

Industrial Organization
Applied Econometrics

Applied Microeconomics
Chinese Economy

Fellowships, Honors and Awards:

2018	Center for Transportation, Environment, and Community Health New Research Initiative Grant
2016	Jeffrey S. Lehman Fund
2016 – 2019	Institute for the Social Sciences Collaborative Project: “China’s Cities: Migration, Development, and Environment”, with Eli Friedman, Shanjun Li, Jessica Weiss, and Jeremy Wallace
2015	Nominated for Cornell University’s Faculty Award on Excellence in Teaching, Advising, and Mentoring of Graduate and Professional Students
2015	Atkinson Center for a Sustainable Future in-Residence Fellowship
2012 –	MISTI Global Seed Grant: “The Impact of International Chains on China’s Retail Industry”
2011 –	National Science Foundation Grant: “Social Inefficiencies in the Real Estate Brokerage Industry”
2009 – 2013	Rudi-Dornbush Career Development Professorship
2008	Tufts Economics Alumni Achievement Award, Inaugural Recipient
2007	SHASS Research Fund, MIT
2007	Advanced Young Scientist Award, University of Arizona
2007	Zellner Award for Best Dissertation, American Statistical Association
2006	Review of Economic Studies’ European Seminar Tour Speaker
2005	Horowitz Foundation Fellowship for Social Policy
2004	Yale University Dissertation Fellowship
2003	Carl Arvid Anderson Prize Fellowship, Yale University

Peer-reviewed Publications:

“Estimating the Effects of Global Patent Protection in Pharmaceuticals: A Case Study of Quinolones in India,” with Shubham Chaudhuri and Penny Goldberg, *American Economic Review*, 96(5): 1477-1514, December 2006.

Reprinted in ‘Measuring WTO’s Contributions to Global Economic Welfare’, Edited by Kym Anderson.

“What Happens When Wal-Mart Comes to Town: An Empirical Analysis of the Discount Retail Industry,” *Econometrica*, 76(6): 1263-1316, November 2008.

Winner of the Zellner Award for Best Dissertation, American Statistical Association.

“Tracing the Woes: An Empirical Analysis of the Airline Industry,” with Steven Berry, *American Economic Journal: Microeconomics*, 2(3): 1-43, August 2010.

Lead article.

“The Impact of Commissions on Home Sales in Greater Boston,” with Parag Pathak, *American Economic Review (Papers and Proceedings)*, 100(2): 475-459, May 2010.

“Inference for Parameters Defined by Moment Inequalities: A Recommended Moment Selection Procedure,” with Donald Andrews, *Econometrica*, 80(6): 2805-2826, November 2012.

Earlier version: Cowles Foundation Discussion Paper No. 1676R, 2008

“The Cost of Free Entry: An Empirical Analysis of Real Estate Agents in Greater Boston,” with Parag Pathak, *RAND Journal of Economics*, 46(1), pp. 103-145, January 2015. The top five most cited article published in *RAND* from 2015-2017.

Earlier version: NBER Working Paper No. 17227, 2011.

“Conflicts of Interest and Steering in Residential Brokerage,” with Parag Pathak and Maisy Wong, *American Economic Journal: Applied Economics*, 9(3), pp. 191-222, July 2017.

Earlier version: NBER Working Paper No. 21489, 2015.

Featured in AEA Research Highlights July 2017 <https://www.aeaweb.org/research/charts/real-estate-agent-high-commission>

Working Papers:

“The Morbidity Cost of Air Pollution: Evidence from Consumer Spending in China,” with Shanjun Li, Deyu Rao, and Nahim Zahur, NBER working paper, 2018

“Housing Price and Consumer Spending: Evidence from China,” with Shanjun Li, Yuaning Liang, and Andrew Waxman, 2018

“China’s Industrial Policy, Excess Entry, and Fragmentation,” with Myrto Kalouptsi and Nahim Bin Zahur, Cornell working paper, 2018

“The Welfare Effects of Passenger Transportation Infrastructure,” with Dave Donaldson, Shanjun Li, Yatang Lin, 2018

“Information, Mobile Communication Patterns and Social Referrals,” with Yanyan Liu, Eleonora Patacchini, Qi Wu

“Local Protectionism, Market Structure, and Social Welfare: China’s Automobile Market,” with Shengmao Cao and Shanjun Li, NBER working paper, 2017

“Confidence Regions for Parameters in Discrete Games with Multiple Equilibria, with an Application to Discount Chain Store Location,” with Donald Andrews and Steven Berry, 2004, Superseded by “Inference for Parameters Defined by Moment Inequalities”, *Econometrica*, 80(6): 2805-2826, November 2012

“Conflicts of Interest and the Realtor Commission Puzzle,” with Parag Pathak and Maisy Wong, NBER working paper 21489, 2015.

Superseded by “Conflicts of Interest and Steering in Residential Brokerage,” *American Economic Journal: Applied Economics*, 2016

“Air Pollution, Health Spending and Willingness to Pay for Clean Air in China,” with Shanjun Li, Deyu Rao, and Nahim Bin Zahur, SSRN working paper, superseded by “The Morbidity Cost of Air Pollution: Evidence from Consumer Spending in China,” NBER Working Paper 24688

Work in Progress:

“Dining on the Government’s Dime vs. Dining on your own Dime,” with Hanming Fang and Shanjun Li

“China’s Emerging Middle Class: How Do They Spend,” with Hanming Fang and Shanjun Li

“Housing Demand and School Choice in Greater Boston,” with Parag Pathak and Henry Swift

Other Publications:

“Air Pollution, Health Spending and Willingness to Pay for Clean Air,” with Shanjun Li, Deyu Rao, and Nahim Zahur, VoxChina, Aug 2017.

Conference Presentations (Discussions) and Invited Seminar Presentations:

- 2018 (Scheduled) Cornell University, University of Pennsylvania, Massachusetts Institute of Technology, Harvard University, Shanghai Technology University, China Econometric Society Meeting at Fudan University, The Chinese University of Hong Kong, Shenzhen, Hong Kong University, Institute for Economic and Social Research at Jinan University, Xiamen University, Beijing University
- 2017 Cornell University, Annual International Industrial Organization Conference at Boston, HEC Montreal-CIRANO-RIIB Conference on Industrial Organization, University of British Columbia, Simon Business School of University of Rochester
- 2016 University of Washington, National Bureau of Economic Research Summer Institute, New York University Industrial Organization Conference, Cornell University, Department of Justice, Antitrust Division, Cornell University and Penn State University Econometrics and Industrial Organization Conference, National Bureau of Economic Research China Economy Working Group, University of Wisconsin
- 2015 Cornell University Economics Department, Cornell University Atkinson Center for a Sustainable Future, Department of Justice, Fudan University, Shanghai University of Finance and Economics, National Bureau of Economic Research Summer Institute, Yale University
- 2014 National Bureau of Economic Research Conference on the Chinese Economy, UCLA Anderson School of Management
- 2013 American Economic Association Annual Meeting, Hong Kong University of Science and Technology
- 2012 Georgetown, University of Toronto, London School of Economics, Stanford Graduate School of Business, Duke University, Cornell University, University of California, Los Angeles, Haas School of Business, University of California Berkeley, Pennsylvania State University, Maryland University, Carnegie Mellon University, Chinese University of Hong Kong,

- 2011 American Economic Association Annual Meeting, Yale University, School of Management, University of Michigan, Washington University Olin Business School, Columbia University, the Wharton School of the University of Pennsylvania, Harvard University, Yale Marking-Industrial Organization Conference, Pennsylvania State University Conference on Auctions and Procurements, National Bureau of Economic Research Working Group in Organizational Economics, National Bureau of Economic Research Summer Institute, Northeastern University, Princeton University, U.S. Department of Justice, Massachusetts Institute of Technology, University College London
- 2010 American Economic Association Annual Meeting, Yale University, John Hopkins University, University College London, Toulouse School of Economics
- 2009 American Economic Association Annual Meeting, University of Chicago Booth Business School, Quantitative Marketing Economics Conference, National Bureau of Economic Research Summer Institute
- 2008 Pennsylvania State University, Tufts University, Vanderbilt University, Harvard University, University of Maryland, U.S. Department of Justice, University of Minnesota
- 2007 American Economic Association Annual Meeting, University of Arizona, Washington University Olin Business School, Pennsylvania State University, Boston University, Duke University, Stanford University
- 2006 University of California, San Diego, University of California, Los Angeles, University of Minnesota, Princeton University, New York University, New York University Stern School of Business, Harvard University, University of Chicago, Columbia University, Columbia Business School, University of Pennsylvania, Massachusetts Institute of Technology, University of Michigan, Northwestern University, Northwestern Kellogg School of Management, Wisconsin University, Review of Economic Studies European Tour
- 2005 New York State University, Stony Brook, International Industrial Organization Conference
- 2004 Chinese Economic Association in North America Annual Conference, American Economic Association Annual Meeting
- 2003 Northeast Universities Development Consortium Conference

Referee Service:

American Economic Review
 American Economic Journal: Applied Micro
 Econometrica
 The Economic Journal
 Economic Letters
 European Economic Review
 Hong Kong Research Grant Council
 International Economic Review
 International Journal of Industrial Organization

Journal of Applied Econometrics
 Journal of Business and Economic Statistics
 Journal of Economics and Management Strategy
 Journal of European Economic Association
 Journal of Industrial Economics
 Journal of International Economics
 Journal of Law, Economics, and Organization
 Journal of Political Economy
 Journal of Public Economics
 Journal of Urban Economics
 Marketing Science
 National Science Foundation
 Quantitative Economics
 Quarterly Journal of Economics
 Quantitative Marketing and Economics
 Rand Journal of Economics
 Review of Economics and Statistics
 Review of Economic Studies
 Review of Industrial Organization.

Proposal Review:

National Science Foundation
 Hong Kong Research Grant Council
 Mercatus Center
 Atkinson Center

Advisees:

Current PhD thesis advisees (* indicates committee chair):

Chenyang Cao
 Jee Hun Choi (*)
 Thomas Eisenberg (*)
 Jing Qian
 Deyu Rao
 Adam Shumway (*)
 Flavio Stanchi (*)
 Haokun Sun
 Qi Wu (*)
 Qinghan Yan (*)
 Nahim Zahur (*)
 Haimeng Zhang (*)

Current Undergraduate Advisees (a selected list)

Yibo Sun (*)

Honor thesis supervised:

Yiheng Huang: "Detecting Collusion in Singapore's Car Industry," 2017

Shengmao Cao: "The SO2 Tax System in China and Its Effects on SO2 Emissions," 2015

Initial placement of PhD advisees:

Sherry Wu (Census Bureau, 2018)

Yang Zhang (Chair, Cornerstone Research, 2018)

Jianwei Xing (Beijing University, 2018)

Jialie Chen (University of Arkansas, Marketing)

Nicholas Tilipman (Co-Chair, University of Illinois at Chicago, 2017)

Debi Prasad Mohapatra (Co-Chair, University of Massachusetts Amherst, 2016)

Brad Larsen (Stanford University, Economics Department, 2013)

Rongzhu Ke (Chinese University of Hong Kong, School of Economics and Finance 2009)

Maisy Wong (University of Pennsylvania, Wharton Business School 2008)

Placement of undergraduate and master's advisees (selected):

Binzhe Wang (Massachusetts Institute of Technology, PhD Program 2018)

Ziqian Tao (University of Pennsylvania, Law School, JD, 2018)

Huan He (University of Chicago, Fama Miller Center, 2018)

Yiheng Huang (Princeton University, Master of Finance 2017)

Jingyuan Wang (Chicago University, Pre-Doc Program 2016)

Shengmao Cao (Stanford University, PhD Program 2016)

Jan Sonntag (Ecole Polytechnique, Master of Economics 2013)

Kathy Cheng (The Coro Fellowship in Public Affairs 2012)

Shiyuan Liang (Carnegie Mellon University, Master of Finance 2012)

Yu Shi (MIT, Phd in Economics 2012)

Rose Zhong (UCLA Anderson, MBA 2012)

Sherry Wu (NERA 2011)

Teaching Experience:

Cornell University, Department of Economics

Instructor, Advanced Graduate Empirical Industrial Organization, 2014 -

Overall course evaluation: 5.0 out of 5.0 every time this course is offered

Instructor, Industrial Organization and Competitive Strategy (Undergraduate level), 2016-

Overall course evaluation: 5.0 out of 5.0 every time this course is offered

MIT, Department of Economics

Instructor, Introduction to Statistical Methods in Economics, 2009, 2010, 2011, 2012

Instructor, Graduate Empirical Industrial Organization I & II, 2007, 2008, 2010, 2011, 2012

Instructor, Micro Theory and Public Policy, 2006, 2007, 2008

Instructor, Independent Study, 2008

Organizer, Mini-Course on STATA / MATLAB / C, summer of 2007, 2008, 2009

University of Chicago, Department of Economics

Instructor, Intermediate Micro, U Chicago 2009

Selected Press Coverage:

- “The Economics of Airline Layovers,” *New York Times*, 2009.
- “Real Estate Agents May be Colluding,” *Fortune*, 2015
- “ISS project to study economics, politics of China urbanization,” *Cornell Chronicle*, 2016
- “How smog affects spending in China,” *Economist* 2018

Committee Served

Cornell University

- 2018- : International Industrial Organization Conference Program Committee
- 2018- : Cornell China Center Faculty Advisory Committee

- 2017- : Educational Innovation Committee
- 2017- : Cornell Strategic Evaluation Committee

- 2016- : East Asian Program Core Faculty
- 2016- : China and Asia Pacific Studies Advisory Committee

- 2015- : Co-Founder and Co-Director of Cornell Institute for China Economic Research
- 2015- : IO student workshop organizer
- 2015- : Graduate advising
- 2015- : Undergrad advising

- 2017 : Economics Department Admission Committee
- 2016-2017: Cornell Faculty Senator
- 2016-2018: Cornell China Center Faculty Steering Committee

- 2016 : Ad hoc committee on Math curriculum
- 2016 : External ad hoc tenure evaluation committee at Johnson School
- 2016 : Economics Department Computing committee chair
- 2016 : Economics Department Teaching Grant Committee

- 2015 : Ad hoc tenure evaluation committee for Jean-Francois Houde
- 2015-2017: IO seminar organizer

- 2014-2015: Senior recruiting committee
- 2014-2015: Junior recruiting committee
- 2014-2015: Chair search committee
- 2014-2015: Graduate advising
- 2014-2015: Undergraduate advising

- 2013-2014: Senior recruiting committee
- 2013-2014: Ad hoc evaluation committee for Allan Collard-Wexler

2014: Student IO workshop organizer
2013-2014: Graduate advising
2013-2014: Econ computing cluster committee

MIT Economics Department

2009-2013: Admission committee
2009-2013: Graduate advising
2009-2013: Undergraduate advising
2009-2013: IO workshop organizer

2006-2008: Admission committee
2006-2008: Graduate advising
2006-2008: Undergraduate advising
2006-2008: IO workshop organizer

Personal

Married with two children.