

## Ginger Zhe Jin

January 13, 2025

### 1. Personal Information

#### a. Contact Information

Department of Economics  
University of Maryland  
College Park, MD 20742  
(301) 405-3484  
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#### b. Current Appointment:

Neil Moskowitz Professor of Economics, University of Maryland College Park, since 8/2024.  
Professor, Department of Economics, University of Maryland College Park, since 2012 (on leave 8/2015 - 7/2017 and 1/2019 - 5/2020).  
Research Associate, National Bureau of Economic Research, since 2012 (on leave 8/2015 - 7/2017 and 1/2019 - 5/2020)  
Fellow, Luohan Academy, since May 2021.  
Academic Advisor, Brattle Group, since June 2021.  
Research Fellow, Mannheim Centre for Competition and Innovation (MaCCI), since Jan. 2022.  
Fellow, Asian American Scholar Forum (AASF), since Jan. 2023.

#### c. Previous Appointments

ADVANCE Professor, College of Behavioral and Social Sciences, University of Maryland, 9/2021-8/2023.  
Academic Research Consultant, Amazon, 6/2020 – 8/2024.  
Amazon Scholar/Senior Principal Economist, Amazon, 11/2018 - 5/2020.  
Director, Bureau of Economics, Federal Trade Commission, 1/2016 – 7/2017.  
Visiting Staff Economist, Federal Trade Commission, 8/2015 – 1/2016.  
Co-founder, Hazel Analytics, 10/2014.  
Board member and Chief Data Scientist, Hazel Analytics, 10/2014 – 11/2018, 8/2020-4/2023.  
Special Term Visiting Professor, Department of Applied Economics, Guanghua School of Management, Peking University, 2010-2015.  
Associate Professor, Department of Economics, University of Maryland, 2008-2012.  
Assistant Professor, Department of Economics, University of Maryland, 2000-2008.  
Faculty Research Fellow, National Bureau of Economic Research, 2005-2012.

#### d. Educational Background

Ph.D., Economics, the University of California, Los Angeles (UCLA), 8/2000.  
(Advisors: Thomas N. Hubbard and V. Joseph Hotz)  
M.A., Economics, the University of California, Los Angeles (UCLA), 6/1998.  
M.A., the Graduate School of People's Bank of China, 4/1995.  
B. Eng., Economic Management, University of Science and Technology of China, 1992.

#### e. Employment Background

Research Assistant, UCLA, 1999-2000.  
Teaching Assistant, UCLA, 1996-1998.  
Intern, People's Bank of China, 1991.

## 2. Research, Scholarly and Creative Activities

### Articles published or forthcoming in Academic Journals:

- 1) Xiang Hui, Ginger Zhe Jin and Meng Liu “Designing Quality Certificates: Insights from eBay”, July 2024, NBER working paper #29674, accepted by *the Journal of Marketing Research*.
- 2) Ginger Zhe Jin and Liad Wagman "Preserving the Institutional Value of the FTC in the Digital Era", August 2024, accepted by *the Review of Industrial Organization*.
- 3) Ginger Zhe Jin, Liad Wagman and Mengyi Zhong “The Effects of Short-term Rental Regulation: Insights from Chicago”, *International Journal of Industrial Organization*, September 2024, Volume 96.
- 4) Yuyu Chen, Ginger Zhe Jin and Yang Yue “Peer Migration in China,” November 2013, NBER Working Paper #15671, *Oxford Bulletin of Economics and Statistics*, April 2024, 86(2): 257-313.
- 5) Ginger Zhe Jin, Mario Leccese, and Liad Wagman “M&A and Technological Expansion” NBER working paper #31126, *Journal of Economics & Management Strategy, Special Issue on Artificial Intelligence and the Business Revolution*, Summer 2024, 33(2): 338-359.
- 6) Zhaoqi Cheng, Ginger Zhe Jin, Mario Leccese, Dokyun Lee and Liad Wagman “M&A and Innovation: A New Classification of Patents” *American Economic Association Papers & Proceedings*, May 2023, Volume 113, pp 288-93.
- 7) Ginger Zhe Jin, Mario Leccese, and Liad Wagman “How Do Top Acquirers Compare in Technology Mergers? New Evidence from an S&P Taxonomy”, NBER working paper #29642, *International Journal of Industrial Organization*, CRESSE Special issue, July 2023, Volume 89.
- 8) Ginger Zhe Jin, Ajin Lee and Susan Feng Lu “Patient Routing to Skilled Nursing Facilities: The Consequences of the Medicare Three-Day Rule”, previously titled “Medicare Payment to Skilled Nursing Facilities: The Consequences to the Three-Day Rule”, NBER working paper #25017, *Management Science*, December 2022, Volume 68, Issue 12.
- 9) Guangyu Cao, Ginger Zhe Jin, Xi Weng and Li-an Zhou “Marketing Expanding or Market Stealing? Platform Competition in Bike-Sharing”, NBER working paper #24938, *RAND Journal of Economics*, Winter 2021, 52(4): 778-814.
- 10) Ginger Zhe Jin, Zhentong Lu, Xiaolu Zhou and Chunxiao Li “The Effects of Government Licensing on E-commerce: Evidence from Alibaba”, NBER working paper #27884, *Journal of Law and Economics*, 65(S1): S191-S221, special issue in memory of Harold Demsetz.
- 11) Edward Glaser, Ginger Zhe Jin, Benjamin Leyden and Michael Luca “Learning from Deregulation: The Asymmetric Impact of Lockdown and Reopening on Risky Behavior During COVID-19”, NBER working paper #27650, *Journal of Regional Science*, September 2021, pp. 696-709, special issue on COVID-19 and regions.
- 12) Ginger Zhe Jin, Michael Luca and Daniel Martin “Complex Disclosure”, February 2021, NBER working paper #24675, *Management Science* May 2022, Volume 68, Issue 5.

- 13) Ginger Zhe Jin and Thomas G. Koch “Learning by Suffering? Patterns in Flu Shot Take-up”, July 2020, NBER working paper #25272, *American Journal of Health Economics*, Winter 2021, 7(1): 68-94.
- 14) Jian Jia, Ginger Zhe Jin and Liad Wagman “The Short-run Effects of GDPR on Technology Venture Investment”, July 2020, NBER working paper #25248, *Marketing Science*, July-August 2021, 40(4): 593-812.
- 15) Ginger Zhe Jin, Michael Luca and Daniel Martin “Is No News (Perceived As) Bad News? An Experimental Investigation of Information Disclosure”, February 2019, NBER working paper #21099, *American Economic Journal: Microeconomics*, May 2021, 13(2): 141-73, 2021 AEJ: Micro Best Paper Award.
- 16) Ginger Zhe Jin and Liad Wagman “Big Data at the Crossroads of Antitrust and Consumer Protection”, April 2020, based on Ginger Jin’s keynote at the 16th ZEW Conference on the Economics of Information and Communication Technology in Mannheim, Germany (June 2018), *Information Economics and Policy*, Volume 54, Special Issue on Antitrust of the Digital Economy, March 2021.
- 17) Ginger Zhe Jin and Phillip Leslie “New Evidence on Information Disclosure through Restaurant Hygiene Grading: Reply”, *American Economic Journal: Economic Policy*, 2019, 11(4): 429–443.
- 18) Matthew Chesnes and Ginger Zhe Jin “Direct-to-Consumer Advertising and Online Search”, *Information Economics and Policy*, 2019, vol. 46(C), pages 1-22.
- 19) Ginger Zhe Jin and Susan Feng Lu, “Retraction and Reputation”, in policy forum titled “Towards a more scientific science”, *Science*, 21 Sept. 2018, 361(6408), pp. 1194-1197.
- 20) Ginger Zhe Jin, Ben Jones, Susan Feng Lu, and Brian Uzzi “The Reverse Matthew Effect: Consequences of Retraction in Scientific Teams,” *Review of Economics and Statistics*, July 2019, vol. 101(3), pages 492-506. Earlier version available as NBER working paper #19489.
- 21) Tianshu Sun, Guodong Gao and Ginger Zhe Jin “Mobile Messaging for Offline Group Formation in Prosocial Activities: A Large Field Experiment”, *Management Science*, June 2019, vol. 65(6), Best paper award at the 2015 Conference on Information Systems and Economics (CIST).
- 22) Ginger Zhe Jin and Jungmin Lee “A Tale of Repetition: Lessons from Florida Restaurant Inspections,” September 2017, *Journal of Law and Economics*, February 2018, 61(1): 159-188. Earlier version available as NBER working paper #20596.
- 23) Weijia (Daisy) Dai, Ginger Zhe Jin, Jungmin Lee, and Michael Luca “Aggregation of Consumer Ratings: An Application to Yelp.com,” *Quantitative Marketing and Economics*, September 2018, vol. 16(3), pages 289-339. Earlier version available as NBER working paper #18567.
- 24) Julie Carlson, Ginger Zhe Jin, Matthew Jones, Jason O'Connor and Nathan Wilson “Economics at the FTC: Deceptive Claims, Market Definition, and Patent Assertion Entities”, *Review of Industrial Organization*, December 2017, 51(4): 487-513.
- 25) Matthew Chesnes, Weijia (Daisy) Dai and Ginger Zhe Jin “Banning Foreign Pharmacies from Sponsored Search: The Online Consumer Response” winner of the Best paper award in the 2013

Workshop on Health IT and Economics, *Marketing Science*, November-December 2017, 36(6): 813-1017, earlier version available as NBER working paper #20088.

- 26) Benjamin B. Bederson, Ginger Zhe Jin, Phillip Leslie, Alexander J. Quinn, and Ben Zou: “Incomplete Disclosure: Evidence of Signaling and Countersignaling,” *American Economic Journal: Microeconomics*, February 2018, 10(1): 41-66, earlier version available as NBER working paper #22710.
- 27) Fali Huang, Ginger Zhe Jin and Lixin Colin Xu “Love, Money and Old Age Support: Does Parental Matchmaking Matter?” *Journal of Comparative Economics*, May 2017, 45(2): 224-245, in Special section: Symposium on Gary Becker and Family Economics.
- 28) Seth Freedman and Ginger Zhe Jin “The Information Value of Social Networks: Lessons from Peer-to-Peer Lending,” *International Journal of Industrial Organization*, March 2017, 51: 185-222, previous versions available as NBER working paper #19820, and NET Institute Working Paper No. 08-43.
- 29) Dan Hanner, Ginger Zhe Jin, Marc Luppino and Ted Rosenbaum “Economics at the FTC: Horizontal Mergers and Data Security”, *Review of Industrial Organization*, December 2016, 49(4): 613-631.
- 30) Tianshu Sun, Susan Feng Lu and Ginger Zhe Jin “Solving Shortage in a Priceless Market: Insights from a Chinese Blood Bank”, *Journal of Health Economics*, July 2016, 48: 149-165. Earlier version available as NBER working paper #21312.
- 31) Roger Bate, Ginger Zhe Jin, Aparna Marthur and Amir Attaran “Poor Quality Drug and Global Trade: A Pilot Study,” *American Journal of Health Economics*, 2016, 2(3): 373-398. Also available as NBER working paper #20469.
- 32) Ginger Zhe Jin and Marc Rysman "Platform Prices at Sports Card Conventions," *Journal of Industrial Economics*, December 2015, 63(4): 704-735. Also available as NBER working paper #17959.
- 33) Yiyan (Echo) Liu and Ginger Zhe Jin “Employer Contribution and Premium Growth in Health Insurance,” *Journal of Health Economics*, January 2015, 39: 228-247.
- 34) Ginger Zhe Jin and Jungmin Lee “Inspection Technology, Detection and Compliance: Evidence from Florida Restaurant Inspections” *RAND Journal of Economics*, Winter 2014, 45(4): 885-917.
- 35) Hongbin Cai, Ginger Zhe Jin, Chong Liu and Li-an Zhou “Seller Reputation: From Word-of-mouth to Centralized Feedback,” *International Journal of Industrial Organization*, May 2014, Volume 34, pages 51-65.
- 36) Roger Bate, Ginger Zhe Jin and Aparna Mathur<sup>#</sup> “Falsified or Substandard? Assessing Price and Non-Price Signals of Drug Quality” *Journal of Economics & Management Strategy*, Winter 2015, 24(4): 687-711. Also available as NBER working paper #18073.
- 37) Roger Bate, Ginger Zhe Jin and Aparna Mathur<sup>#</sup> “In Whom We Trust: the Role of Certification Agencies in Online Drug Markets,” the *Berkeley Express Journal of Economic Analysis & Policy, Contribution Tier*, Volume 14, Issue 1, Pages 111–150, ISSN (Online) 1935-1682, ISSN (Print) 2194-6108, DOI: [10.1515/bejeap-2013-0085](https://doi.org/10.1515/bejeap-2013-0085), December 2013. Also available as NBER working

paper #17955.

- 38) Susan Lu, Ginger Zhe Jin, Brian Uzzi, and Ben Jones “The Retraction Penalty: Evidence from the Web of Science,” August 2013, *Scientific Reports*, 3(6), available at <http://www.nature.com/articles/srep03146>.
- 39) Yuyu Chen, Ginger Zhe Jin\*, Naresh Kumar and Guang Shi "The Promise of Beijing: Evaluating the Impact of the 2008 Olympic Games on Air Quality" *Journal of Environmental Economics & Management*, 66 (2013): 424-443.
- 40) Yuyu Chen, Ginger Zhe Jin\*, Naresh Kumar and Guang Shi “Gaming in Air Pollution Data? Lessons from China,” *the Berkeley Express Journal of Economic Analysis & Policy* (Advances tier), December 2012, Volume 13, Issue 3, Pages –, ISSN (Online) 1935-1682, DOI: [10.1515/1935-1682.3227](https://doi.org/10.1515/1935-1682.3227).
- 41) Fali Huang, Ginger Zhe Jin and Lixin Xu “Love and Money by Parental Matchmaking: Evidence from Urban Couples in China,” *American Economic Review Papers and Proceedings*, May 2012, 102(3): 555-560.
- 42) Yuyu Chen and Ginger Zhe Jin\* “Does Health Insurance Coverage Lead to Better Health and Education Outcomes? Evidence from Rural China,” *Journal of Health Economics*, January 2012, 31: 1-14.
- 43) Roger Bate, Ginger Zhe Jin and Aparna Mathur# “Does Price Signal Drug Quality? Evidence from 17 Countries,” *Journal of Health Economics*, December 2011, 30:1150-1163, also available as NBER working paper #16854.
- 44) David Dranove and Ginger Zhe Jin “Quality Disclosure and Certification”, *Journal of Economic Literature*, December 2010, 48(4): 935-63. Also available as NBER WP #15644.
- 45) Pradeep K. Chintagunta, Renna Jiang and Ginger Zhe Jin “Information, Learning and Drug Diffusion: the Case of Cox-2 Inhibitors,” *Quantitative Marketing and Economics*, December 2009, Vol. 7(4), pp. 399-443. Also available as NBER WP #14252.
- 46) Andrew Kato, Ginger Zhe Jin and John List “That’s News to Me! Information Revelation in Professional Certification Markets,” *Economic Inquiry*, January 2010, 48(1): 104-122. Also available as NBER WP#12390.
- 47) Ginger Zhe Jin and Phillip Leslie “Reputational Incentives for Restaurant Hygiene,” *American Economic Journal: Microeconomics*, February 2009, 1(1): 237-67.
- 48) Lingxin Hao, V. Joseph Hotz and Ginger Zhe Jin “Games Adolescents and Parents Play: Risky Behaviors, Parental Reputation, and Strategic Transfers,” *Economic Journal*, April 2008, Vol. 118 Issue 528: 515-555.
- 49) Andrew Kato and Ginger Zhe Jin “Dividing Online and Offline: A Case Study,” *Review of Economic Studies*, July 2007, Vol. 74(3) 981-1004.
- 50) Toshiaki Iizuka and Ginger Zhe Jin “Direct-to-Consumer Advertising and Prescription Choice” *Journal of Industrial Economics*, December 2007, 55(4): 771.

- 51) Ginger Zhe Jin and Alan Sorensen “Information and Consumer Choice: The Value of Publicized Health Plan Ratings,” *Journal of Health Economics*, March 2006, 25(2): 248-275.
- 52) Andrew Kato and Ginger Zhe Jin “Price, Quality and Reputation: Evidence from an Online Field Experiment,” *RAND Journal of Economics*, Winter 2006, Vol. 37, No. 4, 983-1005.
- 53) Toshiaki Iizuka and Ginger Zhe Jin “The Effect of Prescription Drug Advertising on Doctor Visits” *Journal of Economics & Management Strategy*, Fall 2005, 14(3): 701-727.
- 54) Ginger Zhe Jin and Phillip Leslie "The Case in Support of Restaurant Hygiene Grade Cards" *Choices*, 2<sup>nd</sup> quarter 2005, Vol. 20(2), 97-102.
- 55) Paul Simon, Phillip Leslie, Grace Run, Ginger Zhe Jin, Roshan Reporter, Arturo Aguirre, and Jonathan E. Fielding, “Impact of Restaurant Hygiene Grade Cards on Foodborne Disease Hospitalizations in Los Angeles County”, *Journal of Environmental Health*, March 2005, Vol. 67, 32-36.
- 56) Ginger Zhe Jin “Competition and Disclosure Incentives: Empirical Evidence from HMOs,” *RAND Journal of Economics*, Spring 2005, Vol. 36, 93-113.
- 57) Ginger Zhe Jin and Phillip Leslie “The Effect of Information on Product Quality: Evidence from Restaurants Hygiene Grade Cards,” *The Quarterly Journal of Economics*, May 2003, 118(2) 409-51.

#### Book Chapters

- 58) Ginger Zhe Jin, Mario Leccese and Liad Wagman “The Role of Digital Platforms in Shaping Tech Venture Innovation”, forthcoming in *Handbook on Digital Platforms*, edited by Anthony Dukes, D. Daniel Sokol, Tianshu Sun, and Feng Zhu, Cambridge University Press.
- 59) Ginger Zhe Jin “Artificial Intelligence and Consumer Privacy”, in *The Economics of Artificial Intelligence: An Agenda*, edited by Ajay K. Agrawal, Joshua Gans, and Avi Goldfarb, NBER, University of Chicago Press, 2019.
- 60) Yan Chen and Ginger Zhe Jin “The Informative Role of Advertising and Experience in Dynamic Brand Choice: an Application to the Ready-to-Eat Cereal Market” Chapter 5, *The Value of Information: Methodological Frontiers and New Applications in Environment and Health*, edited by Ramanan Laxminarayan and Molly K. Macauley, Springer, 2012, ISBN 978-94-007-4839-2.

#### Other Publications

- 61) Ginger Zhe Jin, Liad Wagman and Mengyi Zhong “Can Data Regulations Reshape the Short-Term Rental Market?” *CPI Antitrust Chronicle*, February 16, 2024.
- 62) Ginger Zhe Jin, Ziqiao Liu and Liad Wagman “Popular Mobile Apps in the Pandemic Era: A Glimpse at Privacy and Competition” *CPI Antitrust Chronicle*, December 2022.
- 63) Ginger Zhe Jin, Steven Tadelis, Liad Wagman and Joshua D. Wright, Amicus Brief filed in January 2023 for No. 21-1333 In the Supreme Court of the United States, Reynaldo Gonzalez et al. Petitioners vs. Google LLC.

- 64) Ginger Zhe Jin, D. Daniel Sokol and Liad Wagman “Towards A Technological Overhaul of American Antitrust” *Antitrust* Vol. 37(1), Fall 2022.
- 65) Ginger Zhe Jin, Mario Leccese and Liad Wagman “Comments on DOJ/FTC Request for Information on Merger Enforcement”, March 2022, available on <https://www.regulations.gov/comment/FTC-2022-0003-0138>.
- 66) Jian Jia, Ginger Zhe Jin and Liad Wagman “The Persistent Effects of the EU General Data Protection Regulation on Technology Venture Investment”, *Antitrust Source*, June 2021, 20(6).
- 67) Jian Jia, Ginger Zhe Jin and Liad Wagman “Data Regulation and Technology Venture Investment: What Do We Learn From GDPR?” *Competition Policy International Antitrust Chronicle*, Winter 2021, Vol. 1, No. 1.
- 68) Avi Goldfarb, Ginger Zhe Jin and K. Sudhir “Introduction to the Special Issue on Consumer Protection” *Marketing Science*, Special Issue, 39(1), February 2020.
- 69) Ginger Zhe Jin, “Price and Quality of Prescription Drugs,” NBER Reporter 2018, Number 4.
- 70) K. Sudhir, JB Priester, M. Shum, D. Atkin, A. Foster, G. Iyer, G. Jin, D. Keniston, S. Kitayama, AM. Mobarak, Y. Qian, I. Tewari, W. Wood “Research Opportunities in Emerging Markets: an Inter-disciplinary Perspective from Marketing, Economics, and Psychology,” *Customer Needs and Solutions*, December 2015.
- 71) Ginger Zhe Jin, “Mandated Disclosure May Have Flaws, But It Still Has Value”, comments on Ben-Shahar & Schneider *More Than You Wanted To Know: The Failure of Mandated Disclosure*, June 2015, published at [www.regblog.org/2015/06/22/zhe-jin-mandated-disclosure-flaws-value/](http://www.regblog.org/2015/06/22/zhe-jin-mandated-disclosure-flaws-value/).
- 72) Lee-Ann Jaykus (Chair), Julie Caswell, James Dickson, John Dunn, Stephen Fienberg, William Hallman, Ginger Zhe Jin, Gale Prince, Donald Schaffner, Kathleen Segerson, Christopher Waldrop and David Weil as a committee appointed by the National Academies, Board on Agriculture and Natural Resources, *The Potential Consequences of Public Release of Food Safety and Inspection Service Establishment-Specific Data*, November 2011, Publisher: the National Academies Press, ISBN-10:0-309-22465-9 & ISBN-13: 978-0-309-22465-9.

#### Working Papers

- 73) Ginger Zhe Jin, Hsienming Lien and Xuezheng Tao “Diffusing Innovations Under Market Competition: Evidence from Drug-Eluting Stents,” October 2024, SSRN working paper #4983386.
- 74) Ginger Zhe Jin, Mario Leccese, and Liad Wagman “The Signaling Value of Technology Venture Acquisitions”, September 2024, SSRN working paper #4943381.
- 75) Guangyu Cao, Ginger Zhe Jin, Jun Yan and Li-an Zhou “AI-Powered Law Enforcement: Evidence from Parking”, August 2024, working paper.
- 76) Haoyuan (Marty) Chen and Ginger Zhe Jin "Voluntary Report of Standardized Test Scores: An Experimental Study", August 2024, working paper.

- 77) Ginger Zhe Jin, Ziqiao Liu and Liad Wagman "The GDPR and SDK Usage In Android Mobile Apps", November 2024, NBER working paper #33099.
- 78) Martin Spann, Marco Bertini, Oded Koenigsberg, Robert Zeithammer, Diego Aparicio, Yuxin Chen, Fabrizio Fantini, Ginger Zhe Jin, Vicki Morwitz, Peter Popkowski Leszczyc, Maria Ana Vitorino, Gizem Yalcin Williams & Hyesung Yoo "Algorithmic Pricing: Implications for Consumers, Managers, and Regulators", January 2024, NBER working paper #32540.
- 79) Ziyang Chen, Maggie Hu, Ginger Zhe Jin and Qiyao Zhou "Haste or Waste? The Role of Presale in Residential Housing", December 2023, NBER working paper #32013.
- 80) Aron Culotta, Ginger Zhe Jin, Yidan Sun and Liad Wagman "Safety Reviews on Airbnb: An Information Tale", January 2024, NBER working paper #31855, under review.
- 81) Runshan Fu, Ginger Zhe Jin and Meng Liu "Does Human-algorithm Feedback Loop Lead to Error Propagation? Evidence from Zillow's Zestimate", December 2023, NBER working paper #29880.
- 82) Ginger Zhe Jin, Zhentong Lu, Xiaolu Zhou, Lu Fang "Flagship Entry in Online Marketplaces", August 2023, NBER working paper #29239, under review.
- 83) Jian Jia, Ginger Zhe Jin and Liad Wagman "Platform as a Rule Maker: Evidence from Airbnb Cancellation Policies", May 2021, NBER working paper #28878.
- 84) Ginger Zhe Jin, Hsienming Lien and Xuezheng Tao "Top-up design and Health Care Expenditure: Evidence from Cardiac Stents," November 2023, NBER working paper #28107, under review.
- 85) Jian Jia, Ginger Zhe Jin and Liad Wagman "GDPR and the Localness of Venture Investment" January 2020, SSRN working paper #3436535.
- 86) Andrew Stivers, Doug Smith and Ginger Zhe Jin "The Alchemy of a Pyramid: Transmutating Business Opportunity Into a Negative Sum Wealth Transfer," Dec. 2019, SSRN working paper #3497682.
- 87) Ginger Zhe Jin and Andrew Stivers "Protecting Consumers in Privacy and Data Security: A Perspective of Information Economics", SSRN working paper, July 2017, available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3006172](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3006172).
- 88) Hongbin Cai, Ginger Zhe Jin, Chong Liu and Li-an Zhou "More Trusting, Less Trust? An Investigation of Early E-commerce in China," July 2014, available as NBER working paper #18961.
- 89) Ginger Zhe Jin and Seth Freedman "Learning by Doing with Asymmetric Information: Evidence from Prosper.com," July 2018, earlier version available as NBER working paper # 16855, under review.
- 90) Toshiaki Iizuka and Ginger Zhe Jin "Drug Advertising and Health Habit," 2005, available as NBER working paper #11770.

Conferences and Workshops: Talks, Abstracts and Other Contributions



i. Invited talks at conferences

USC, 2/2025, scheduled.  
PEP Teaching Workshop, 5/2024.  
IIOC, 5/2024.  
Economics Institute on Understanding Digital Markets & Antitrust, 10/2023.  
Choice symposium, 8/2023.  
EARIE panelist, 8/2023.  
CES annual conference panelist, 6/2023.  
Cornell SBE conference on the Economics of Digital Markets, 5/2023.  
HBS Conference on “Regulating Big Tech: What Have We Learned?”, 4/2023.  
CCIA panel on Section 230, 4/2023.  
UMD SoDa Symposium, 3/2023.  
TPI Antitrust Conference “A Biden Administration Antitrust Midterm Report Card”, panelist, 2/2023.  
ABA brownbag on consumer protection, 1/2023, panelist.  
ICIE and ITIF “Roundtable on Competition & Monopsony in Labor Markets”, panelist, 12/2022.  
CES annual conference panelist, 6/2022.  
ITIF panel on “Dynamic Antitrust Discussion Series: ‘Chief Economists’ Perspectives on Horizontal Merger Guidelines”, 4/2022.  
Workshop on University-Industry Partnerships in the Social Sciences, 4/2022.  
George Washington University and ITIF Conference “Dynamic Competition and Public Policy”, 4/2022.  
George Mason University Research Roundtable on The Data-Competition Interface, 4/2022.  
Northwestern University CLBE Research Roundtable, 3/2022.  
DERN-JRC DMA workshop, 11/2021.  
NABE TEC panelist, 11/2021.  
Concurrence 2<sup>nd</sup> Antitrust in Life Sciences Conference, panel moderator, 6/2021.  
2021 BAAI Conference, keynote speaker, 6/2021.  
USC Marshall Webinar, “Digital Competition and Regulation: What Does the Future Hold?” panelist, 5/2021.  
Bank of Canada Annual Economic Conference, panelist, 10/2020.  
Information Rules Symposium, UC Berkeley, panelist, 3/2020.  
University of Pennsylvania Workshop on the Economics of Data, presenter, 12/2018.  
GMU Global Antitrust Institute and the Charles Koch Foundation “Feeling the Heat: Antitrust in the Era of Platforms and Big Tech”, panelist, 11/2018.  
TPI Conference: Antitrust and the Platform Economy, discussant, 11/2018.  
FTC Hearing #6: Competition and Consumer Protection in the 21<sup>st</sup> Century, opening keynote and panelist, 11/2018.  
NABE Tech Economics Conference, panelist, 10/2018.  
Fraud and Compliance Conference, Quebec, Canada, 9/2018.  
CFPB Disclosure Workshop, 9/2018.  
TPI Aspen Forum, panelist, 8/2016, 8/2018.  
The 16<sup>th</sup> ZEW conference on “The Economics of Information and Communication Technologies”, keynote speaker, Mannheim, Germany, 6/2018.  
American Bar Association Annual Conference, panelist, 4/2018.  
FTC Workshop on Informational Injury, panelist, 12/2017.  
FTC Annual Microeconomics Conference, discussant, 11/2017.  
NBER Conference on Artificial Intelligence, discussant, 9/2017.  
Peking University Guanghua School of Management Southwest Symposium, panelist, 8/2017.

NBER Summer Institute, panelist, 7/2017.  
 Western Economic Association International Annual Conference, panelist, 6/2017.  
 Second Annual Digital Information Policy Scholars Conference, George Mason University,  
 keynote speaker, 4/2017.  
 International Industrial Organization Conference, panelist, 4/2017.  
 American Bar Association Annual Conference, panelist, 3/2017.  
 Ninth Annual Federal Trade Commission Microeconomics Conference, opening remark, 11/2016.  
 Marketing Science – Federal Trade Commission Economic Conference on Marketing and Consumer  
 Protection, opening remarks, 9/2016.  
 Behavioral Exchange, Harvard University, panelist, 6/2016.  
 Grapevine Women’s Breakfast, panelist, 4/2016.  
 American Bar Association Annual Conference, panelist, 2/2016.  
 Morgan Stanley 3<sup>rd</sup> Annual Quantitative Equity Research Conference, 11/2015.  
 FTC Sharing Economy Conference, panelist, 6/2015.  
 EARIE invited keynote session, 8/2013.  
 FTC Microeconomics Conference, keynote speaker, 11/2012.

ii. Conference Presentations

Asian-Pacific Industrial Organization Conference (APIOC), 12/2024.  
 Yale AIML conference, 12/2024.  
 Annual Health Econometrics Workshop (AHEW), 10/2024.  
 China Financial Research Conference (CFRC), 7/2024.  
 ZEW Conference on ICT, 6/2024.  
 PEP Research Roundtable on Competition and Consumer Protection, GMU, 2/2024.  
 ASSA annual meeting, 1/2024.  
 CRESSE 7/2022.  
 Hal White Antitrust Conference, 6/2022.  
 INFORMS Marketing Science Virtual Conference, 6/2022.  
 IIOC Annual Conference, 5/2022.  
 MaCCI Annual Conference, 3/2022.  
 Asian-Pacific Industrial Organization Conference, 12/2021.  
 Data Innovation and Competition Webinar hosted by UTokyo Economic Consulting, 12/2021.  
 PSU-Cornell Econometrics & IO Conference, 10/2021.  
 Competition & Regulation European Summer School and Conference (CRESSE), 9/2021.  
 NBER IO Summer Institute, presenter, 7/2021.  
 Bates White Antitrust Conference, presenter, 6/2021.  
 ASSA Annual Meeting, presenter, 1/2020, 1/2019, 1/2020.  
 University of Florida Competition Policy Enforcement Conference, 11/1/2019.  
 Harvard Business School Platform Strategy Conference, 3/29/2019.  
 NBER IO Program meeting, 2/2019.  
 IHS Academic Research Seminar, Personal Information: Privacy Rights in the Digital Era,  
 panelist, 1/2019.  
 ICN Economist Workshop, presenter, Seoul, South Korea, 5/2018.  
 Bates White Life Science Symposium, presenter, 5/2018.  
 George Mason Roundtable on Economics of Privacy, 12/2017.  
 Digital Information Policy Scholars Conference, George Mason, 4/2016.  
 2016 International Industrial Organization Conference, 4/2016.  
 Global Antitrust Economist Conference, 2/2016.  
 ASSA annual meeting, 1/2016.  
 European Summer Symposium in Economic Theory, 7/2015.

The 8<sup>th</sup> Workshop on Economics of Advertising and Marketing, 6/2015.  
 2015 Bates White Life Science Symposium, 6/2015.  
 2015 International Industrial Organization Conference, 4/2015.  
 NBER Economics of Digitalization, 3/2015 (presented by co-author).  
 Conference on Dynamic Economics, Fudan University, China, 6/2014.  
 2014 China India Insights Conference, 6/2014.  
 International IO Conference, 4/2014.  
 DC IO conference, 3/2014.  
 American Economic Association annual conference, 1/2014.  
 Southern Economic Association conference, 11/2013.  
 NBER Summer Institute, Economics of Digitalization, 6/2013.  
 Fourth Annual Searle Center Conference on Internet Search and Innovation, 6/2013.  
 Choice Symposium 2013, 6/2013.  
 ASSA annual meeting, 1/2013.  
 The Fifth Workshop on the Economics of Advertising and Marketing, 6/2012.  
 NBER special conference on Public Finance Issues in China, 6/2012.  
 UCLA Alumni Conference, 6/2012.  
 International Industrial Organization Conference, 3/2012.  
 NBER China group meeting, 9/2011.  
 Conference of the European Society for Population Economics, 6/2011.  
 Conference on Gaming Incentives, Germany, 6/2011.  
 International Industrial Organization Conference, 4/2011.  
 Applied Econometrics Conference, Peking University, 8/2010.  
 American Society of Health Economists biennial meeting, 6/2010.  
 PAA annual meeting, 4/2010.  
 NBER IO meetings, 2/2010.  
 AEA annual meetings, 1/2010.  
 NEUDC conference on development, 11/2009.  
 Southern Economic Association Annual Meeting, 11/2008.  
 Symposium on Statistics and Operations Research in Baseball, 7/2008.  
 CKGSB mini-conference of marketing, 7/2008.  
 International Industrial Organization Conference, 5/2008.  
 The 2008 ASSA meetings, 1/2008.  
 The 1<sup>st</sup> HEC Montreal Conference on the Industrial Organization of Health Care, 11/2007  
 The 5<sup>th</sup> Quantitative Marketing and Economics Conference, 10/2007.  
 2007 Summer Workshop on Industrial Organization and Management Strategy, 6/2007  
 Testimony for Maryland House Bill #951 in support of restaurant hygiene grade cards, 3/2007  
 2007 Conference of Empirical IO, Tuck School of Business, Dartmouth, 1/2007  
 OECD Roundtable on the Economics of Consumer Policy, 10/2006  
 2006 FTC Conference on Pharmaceutical Economics, 10/2006  
 Inaugural Conference of the American Society of Health Economists, 6/2006  
 2005 FTC Conference on Internet Auctions, 11/2005  
 USDA conference titled "All Food is Not Created Equal: Policy for Agricultural Product  
 Differentiation", sponsored by Farm Foundation, Giannini Foundation and USDA's  
 Economic Research Service, 11/2004  
 AEA annual meeting, 1/2005, 1/2004  
 AAEA annual meeting, 8/2004  
 NBER IO program meeting 7/2004, 2/2003, 2/2001  
 2004 FTC conference on health care, 6/2004  
 International Industrial Organization Conference, 4/2007, 4/2006, 4/2004, 4/2003  
 Conference on Industrial Organization of Health Care, 4/2004, 4/2002

European Association for Research in Industrial Economics annual meeting, 8/2003  
Kiel Workshop on the Economics of Information, 8/2003  
Western Economics Association annual meeting, 7/2003  
Population Association of America annual meeting, 5/2003, 3/1999  
Stanford Strategic Management Conference, 2/2003  
Southern Economic Association annual meeting, 11/2002  
Academy for Health Services Research and Health Policy annual meeting, 6/2001  
NBER Child program meeting, 7/1999

iii. Other conferences

GCR Law Leaders Global, panelist, 1/2025, scheduled.  
ICLE conference “Substance Over Slogans: Strengthening the Foundation of Antitrust”, panelist, 1/2025, scheduled.  
NBER Digital Platforms Conference, discussant, 12/2024.  
TPI online panel discussion “Google Search Case: Antitrust Experts Weigh Remedy Options and Challenges”, panelist 10/2024.  
FTC Conference on Marketing and Public Policy, co-organizer, 10/2024.  
TPI Aspen Forum, panelist, 8/2024.  
Luohan Academy Summit, moderator, 7/2024.  
ABA Next Generation of Antitrust, Data Privacy and Data Protection Scholars, discussant and panelist, 1/2024.  
GMU Mercatus Antitrust Forum, participant, 1/2024.  
ASSA annual meeting, session organizer and session chair, 1/2023.  
Luohan Academy Frontier Dialogue, moderator, 1/2023.  
CRESSE, discussant, 7/2022.  
IIOC annual conference, discussant, 5/2022.  
The 2022 Annual Conference in Digital Economics, session chair, 1/2022.  
ASSA annual meeting, session organizer and session chair, 1/2022.  
FTC Microeconomics Conference, discussant, 11/2021.  
NBER conference for Measuring and Reporting Corporate Carbon Footprints and Climate Risk Exposure, 11/2021.  
Luohan Academy Frontier Dialogue “Boosting Shared Prosperity: Technology and Equality in the Digital Era”, moderator, 9/2021.  
DC IO conference, discussant, 6/2021.  
NBER IO Winter Meeting, co-organizer, 2/2021.  
ASSA annual meeting, session chair, 1/2018.  
NBER Economics of Artificial Intelligence, discussant, 9/2017.  
Marketing Science – Federal Trade Commission Economic Conference on Marketing and Consumer Protection, co-organizer, 9/16/2016.  
Research on Effective Government: Inspection and Compliance, 6/2015 (co-organizer)  
Southern Economic Association Conference, session chair, 11/2013.  
FTC Microeconomics Conference, discussant, 11/2010, 11/2011, 10/2014, 11/2017, 11/2018.  
NBER China Group meeting, discussant, 10/2013, 10/2009.  
NBER Summer Institute IO meeting (co-organizer), 7/2008.  
National Consumers League Conference on Direct to Consumer Advertising (roundtable), 6/2006  
NBER IO Program (discussant presentation), 8/2011, 7/2006, 7/2002  
International Industrial Organization Conference, Editor roundtable, 4/2011.

iv. Seminar presentations

University of Pennsylvania (3/2025 scheduled)  
UIUC (3/2025 scheduled)  
Georgetown (2/2025 scheduled)  
Bank of Canada (9/2024)  
National University of Singapore (8/2024)  
University of Virginia (4/2024)  
Colgate University (4/2024)  
University of Buffalo (4/2024)  
Carnegie Mellon University (3/2024)  
Airbnb (1/2024)  
UK Competition and Markets Authority (8/2023)  
Singapore Management University (5/2023)  
University of Pennsylvania (4/2023)  
University of Michigan (3/2023)  
Rutgers University (3/2023)  
Canada Competition Bureau, 1/2023.  
Bank of Canada, 10/2022.  
UNSW, 8/2022.  
Macquarie University, 8/2022.  
Johns Hopkins University, 4/2022.  
Boston University, 3/2022.  
Oklahoma University, 2/2022.  
Washington University, 2/2022.  
Luohan Academy, 1/2022.  
Delaware University, 12/2021.  
Texas A&M, 11/2021.  
Toulouse School of Economics, Economics of Platform Seminar, 10/2021.  
Indiana University, 9/2021.  
George Mason University, 8/2021.  
China-VIOS, panelist, 6/2021.  
Mannheim Competition Policy Forum, 5/2021.  
UCLA Anderson School of Management, 4/2021.  
Carnegie Mellon University, 4/2021.  
Zhejiang University, 4/2021.  
Virtual Digital Economy Seminar, 12/2020.  
Harvard Business School Digital Initiative, 10/2020.  
Rice University, 2/2019.  
Texas A&M, 1/2019.  
University of British Columbia, 11/2018.  
FCC, 10/2018.  
University of California, Berkeley, 4/2018.  
University of Georgia, 11/2017.  
Cornell University, Economics, 4/2017.  
Drexel business school, 10/2016.  
George Mason Law School, 9/2016.  
MIT, 5/2016.  
UCLA, 3/2016.  
Lehigh University, 11/2015.  
University of Maryland at Baltimore County, 10/2015.  
Johns Hopkins University, Carey School of Business, 10/2015.  
Wharton School, University of Pennsylvania, 9/2015.

Northeastern University, 4/2015.  
Harvard Business School, 12/2014.  
University of Chicago, 11/2014, 1/2015.  
Academia Sinica (Taiwan), 6/2014.  
University of Michigan, 2/2014.  
University of Missouri, 11/2013.  
Penn State University, 11/2013.  
Yale University, 10/2013.  
Center of Disease Control and Prevention, 9/2013.  
University of Georgia, 9/2013.  
Food and Drug Administration, 6/2013.  
UCLA Anderson, 11/2012.  
World Bank, 5/2012 .  
University of Alabama, 5/2012.  
Brown University, 3/2012.  
Georgetown University, 2/2012.  
Indiana University, 1/2012.  
Paris School of Economics, 1/2012.  
U.S. Census Bureau Center for Economic Studies, 12/2011.  
SUNY at Stony Brook, 11/2011.  
Peking University (main campus) 6/2011.  
Peking University, Shenzhen campus, 6/2011.  
Sogang University, 5/2011.  
Johns Hopkins, 5/2011.  
MIT, 4/2011.  
New York University, 3/2011.  
College of William and Mary, 4/2011.  
Florida International University, 12/10.  
University of North Carolina, Chapel Hill, 11/2010.  
Columbia University, Economics, 10/2010.  
Boston University, Economics, 10/2010.  
Universite Libre de Bruxelles, ECARES, 4/2010.  
Katholieke Universiteit Leuven, 4/2010.  
University of Maryland, Smith School of Business, 4/2010.  
Boston University, Business School, 4/2010.  
Carnegie Mellon University, Heinz School, 3/2010.  
University of Toronto, Rotman School of Business, 12/2009.  
Rochester Simon School of Business, 11/2009.  
Northwestern Kellogg, 10/2009.  
Duke University, 10/2009.  
Clemson University, 9/2009.  
University of Virginia, 8/2009.  
Shanghai University of Finance and Economics, 5/2009.  
Cheung Kong Graduate School of Business, 6/2009.  
Peking University, 4/2009.  
University of Hong Kong, 3/2009.  
National University of Singapore, 3/2009.  
Northwestern University, 9/2008.  
Indiana University, 10/2008.  
RAND (DC office), 12/2008.  
Shanghai University of Finance and Economics (guest lecture), 7/2008

Stanford University, Business School, 4/2008  
University of Texas, Arlington, 12/2007  
University of Michigan, 11/2007  
Peking University (guest lecture), 7/2007  
Shanghai JiaoTong University 6/2007  
Harvard/MIT joint IO seminar, 4/2007  
University of South California, 1/2007  
Michigan State University, 12/2006  
University of Pennsylvania, Wharton School, 11/2006  
American University, 11/2006  
Washington University at St. Louis, 9/2006  
University of Washington, 6/2006  
University of Arizona, 5/2006  
Northwestern University, 4/2006  
University of Rochester, 4/2006  
Indiana University, 3/2006  
University of California Berkeley Haas School, 3/2006  
University of Delaware, 2/2006  
George Town University, 10/2005  
Yale University School of Management, 3/2005  
Federal Reserve Board of Governors, 2/2005  
Duke University, 11/2004  
University of Hong Kong, 7/2004  
University of California Irvine, 6/2004  
University of Virginia, 4/2004  
George Mason University, 3/2004  
Columbia University Graduate School of Business, 1/2004  
Food and Drug Administration, 12/2003  
US Department of Agriculture, 5/2003  
University of Chicago Graduate School of Business, 2/2003  
Federal Trade Commission, 11/2002  
University of California, Los Angeles 6/2002  
University of California San Diego, 6/2002  
George Washington University, 4/2002  
John Hopkins University, 3/2002  
Cornell University, 9/2001  
Agency for HealthCare Research and Quality, 9/2001  
University of Chicago Graduate School of Business, 10/2000

### Sponsored Research

#### i. Grants

International Center for Law & Economics, 2023-2024.

George Mason University funding for 2024 Research Roundtable Competition and Consumer Protection, joint with Liad Wagman and Ziqiao Liu, 2024.

Washington Center for Equitable Growth Research Grant, “The Effects of Tech M&As on Innovation Incentives”, joint with Liad Wagman, 2022-2024.

George Mason University funding for 2022 Research Roundtable on Capitalism & the Rule of Law, joint with Mario Leccese and Liad Wagman, 2022.

Faculty-student Research Award, University of Maryland, 2022-2023.

George Mason University Privacy Scholars Fellowship, “Soft Disclosure of Data Breach: A Close Look at the SEC Financial Filings”, with Yi Cao, December 2017 – August 2018.

Maryland Innovation Initiative Phase I, Co-PI, “A Nationwide Database of Food Safety Inspections for Retail Establishments” with Ben Bederson and Phillip Leslie, May 2014 – January 2015.

Alfred P. Sloan Foundation, PI, “Digital Disclosure of a Nationally Standardized Database of Restaurant Food Safety Inspections” with Phillip Leslie and Ben Bederson, December 2011-October 2014.

BSOS seed grant for “The Economics of Research Misconduct: Professional Reputation, External Monitoring, and the Making of Science” with Ben Jones, Brian Uzzi and Susan Lu, 2010-2012.

The Net Institute Summer Grant for “Dynamic Learning and Selection: The Early Years of Prosper.com”, Summer 2008.

NBER Faculty Award on Research of Non-profit Institutions, “College and University Reactions to School Rankings,” July 2006-June 2007.

University of Maryland General Research Board Summer Awards, titled “Biased Inspector Behavior,” with David Becker and Phillip Leslie, awarded July-August, 2004.

Maryland Population Research Center Seed Grant, titled “The Effects of Benefit Mandates on Employer Sponsored Health Insurance”, awarded January 2002-August 2003, with Kosali Ilayperuma Simon.

National Science Foundation research grant, titled “The Effects of Information on Firm Conduct and Market Structure: An Analysis of Disclosure Regulation in the Restaurant Industry” (PI, collaborated with Phillip Leslie), awarded July 2001-June 2004, SES-0112295.

ii. Contracts

Federal Trade Commission, IPA, August 2015 – July 2017.

Department of Labor, PI, “Inspection and Compliance Workshop: Academia and Agencies” with Katharine Abraham, June 2015 – August 2016.

**3. Teaching, Mentoring and Advising.**

a. Courses Taught



Econ326 “Intermediate Microeconomics”, undergraduate, Fall 2023, Fall 2022, Fall 2021, Fall 2020, Spring 2018, Fall 2017, Spring 2015, Spring 2014, Spring 2013, Fall 2012, Spring 2012, Fall 2011, Spring 2010.

Econ 424 “Computer Methods in Economic Studies” advanced statistics, undergraduate, Fall 2009, Fall 2008, Spring 2008, Spring 2007, Fall 2006, Fall 2005, Spring 2005, Fall 2004, Spring 2004, Fall 2003, Spring 2003, Spring 2002, Fall 2001, Spring 2001.

Econ433 “The Economics of Big Data”, undergraduate, Spring 2024, Spring 2023, Spring 2022, Spring 2021.

Econ 664 “Empirical Studies in Industrial Organizations”, former name Econ 698J, graduate. Fall 2023, Fall 2022, Fall 2021, Fall 2020, Fall 2018, Fall 2017, Spring 2015, Spring 2014, Spring 2013, Spring 2012, Fall 2011, Spring 2011, Fall 2009, Spring 2008, Spring 2007, Fall 2005, Spring 2005, Spring 2004, Spring 2003, Spring 2002, Spring 2001.

I have helped organizing Econ 868 “Industrial Organization Workshop” since 2000. In addition, I have advised doctoral students via Econ 898 “Pre-Candidacy Research” and Econ 899 “Doctoral Dissertation Research”.

#### b. Course or Curriculum Development

Econ 424, Econ 433 and Econ 664 are new courses I developed from scratch.

#### Econ 326 Intermediate Microeconomics

Standard course for Econ major, taught since Spring 2010. Syllabus available at:

#### Econ 424: Computer Methods in Economics

As a first step to hi-tech economics, Econ 424 introduces the most basic data handling techniques in economic studies. The ultimate goal is three-fold. At the end of the semester, students (1) should feel comfortable collecting, locating and analyzing real data; (2) should be able to read and interpret statistics generated by other people; and (3) given a real data set, should be able to generate basic statistics and interpret them in a way that makes statistical and economic sense. In order to fulfill this goal, all classes, including mid-term and final, meet in a teaching theater and use two popular statistical packages -- Excel and SAS. In addition, students will learn how to use the World Wide Web, how to complete computer projects, and how to work in a team. Through hands-on experience, students are expected to master both software at the introductory level and apply them to economic issues in the real world.

#### Econ433: The Economics of Big Data

We are living in an era of big data. Not only do we create and consume data everyday as an individual consumer, all the institutions surrounding us – firms, organizations, governments, and universities – are dealing with big data and its implications. The goal of this course is two-fold: on one hand, it will expose students to ongoing economic issues and debates about big data, and encourage students to consider big data from the economic perspective of different players; on the other hand, students will learn the basics of python programming and apply it to hands-on project with various data sets.

## Econ 664: Empirical Studies in Industrial Organization

This course introduces students to the recent empirical literature of industrial organization. My goal is that, at the end of the semester, students have a good idea of how to take an industrial organization theory to data or vice versa. Specifically, the class consists of five themes: price discrimination, cartels and collusion, demand estimation, entry and market structure, and information economics. Each theme covers 4-5 lectures, plus one or two classes for student representation. In the lectures, we will focus on a series of research papers and discuss their research question, related theory, data, identification strategies, estimation techniques and policy implications. At the end of each theme, students will present a literature review for a topic that is related to the theme but not yet covered in the lectures. The potential topic choices are available at the beginning of each theme. Each student is expected to assemble a research proposal at the end of the semester, describing a research question that he/she would like to answer in the area of empirical IO, the data he/she would like to use and the identification strategy he/she is going to adopt assuming the availability of perfect data.

### c. Teaching Innovations

*Include Software, New Programs and Other Contributions to Teaching.*

- i. Software, Web Pages, Online Education
- ii. Major Programs Established
- iii. Study Abroad Established
- iv. Instructional Workshops and Seminars Established
- v. Professional Programs Established
- vi. Other Teaching Innovations

### d. Advising: Research Direction

#### i. Undergraduate

Eris Guan, Fall 2023-Spring 2024, Honor's Program.  
Nour Ben Ltaifa, 2022, research assistant.  
Tejas Nazare, 2022, research assistant.  
Hunter Petrik, 2022, research assistant.  
Simon Farbman, Fall 2022-Spring 2023, Honor's Program.  
Erin Jones, Fall 2018, Honor's Program.  
Aleksander Psurek, Fall 2017, research assistant.  
Cecilia Bisogno, Fall 2014-Spring 2015, research assistant.  
Chenyi Wang, Fall 2012, Honor's Program.  
Justin Huang, Spring 2012, research assistant.  
Huan (Rachel) Meng, 2011, research assistant.  
Feika Bian, Fall 2011, Honor's Program.  
Ari Bellin, 2010, research assistant.  
Zach Ficklin, Fall 2009-Spring 2010, Honor's Program.  
Siwei Kwok, Fall 2008-Spring 2009, Honor's Program.  
Kathleen Miller, Spring 2007, Honor's Program

#### ii. Master

Sebastian Ramirez, 2013  
Matthew Adler, 2012  
Andrew Kato, 2006, Bureau of Labor Statistics

iii. Doctoral

Dissertation committee chair for graduated Ph.Ds:

Sueyoul Kim (Korean Policy Institute)  
Mario Leccese (Boston University)  
Qiyao Zhou (Oklahoma State University)  
David Ruiz (Econometrica, Inc.)  
Weijia (Daisy) Dai (Lehigh University, now at Purdue University, co-chair with Andrew Sweeting, coauthor)  
Yiyan (Echo) Liu (RTI International, coauthor)  
Li Tang (Intra-America Development Bank)  
Yan Chen (Bates White, coauthor)  
Matthew Chesnes (FTC, co-chair with John Rust, coauthor)

Dissertation committee member for:

Yi (Jane) Jiang (Ohio State University)  
Huan Cao (Lyft)  
Jaehong Jeong (private sector in South Korea)  
Panagiotis Dimitrellos (Secretariat Economists)  
Nathan Barrymore (UT Austin)  
Laurel Mazur (U of Notre Dame)  
Tianqi Gan (Renmin University)  
Nebahat Ferda Erturk (Power Auctions)  
Benjamin Chartock (Bentley University, PhD from U of Pennsylvania Wharton)  
Liyue Yan (BI Norwegian Business School)  
Xinlu Yao (Amazon)  
Yongjoon Park (University of Massachusetts Amherst)  
Weiguang Wang (University of Rochester)  
Shen Hui (Chinese University of Hong Kong, Shenzhen, dissertation proposal committee only)  
Gentry Johnson (Amazon)  
Svetlana Pivovarova (Amazon)  
Xuezhen Tao (SHUFE, co-author)  
Yi Cao (Chinese University of Hong Kong, Shenzhen, coauthor)  
Yong Paek (Brattle)  
John Joseph Healey (Tulane University)  
Rob Kulick (NERA)  
Tianshu Sun (USC Business School, coauthor)  
Bryan Stroube (London Business School)  
Yuchi Zhang (Temple)  
Casey John Wichman (Resources for the Future)  
Congcong Li (Singapore Management University)  
Ben Zou (Michigan State, coauthor)  
Keongtae Kim (City University of Hong Kong)  
Shun Ye (George Mason University)  
Elizabeth Newcomb (FDA)  
Adriana Vamosiu (University of San Diego)  
Ayeh Bandeh-Ahmadi (US Treasury)  
Randy Chugh (Department of Justice)

David McArthur (Federal Reserve, Board of Governors)  
Xue Li (World Bank)  
Savannah Wei Shi (Santa Clara University)  
Abby Alpert (RAND)  
Stephen Hutton (World Bank)  
Giorgo Sertsios (University of Houston)  
Seth Freedman (RWJ scholar, now in Indiana University, coauthor)  
Vesela Grozeva (Ernst Young)  
Simona Andrei (ERS group)  
Scott Imberman (University of Houston)  
Radu Paun (Back to Romania)  
Heisnam Singh (Price Waterhouse Coopers)  
Binglin Gong (Shanghai Jiaotong University)  
Kartikeya Singh (Corporate Executive Board)  
Aparna Mathur (American Enterprise Institute, coauthor)  
Martin Ranger (Indiana University)  
Cesar Costantino (World Bank)  
Haiyan Shui (Citi Bank)  
Stephen Snyder (Lehigh University)  
Sean Corcoran (CalState Sacramento, now in New York University)  
Hernan Ortiz-Molina (University of British Columbia)  
Diana Lien (the CNA Corporation)

iii. Doctoral, not yet graduated with Ph.D.

Jake Kramer (Committee member)  
Sarah Webb (Committee member)  
Ziqiao Liu (co-author and likely Committee co-chair)  
Mengyi Zhong (co-author and Committee chair)  
Qian Wang (co-author and Committee member)  
Lixi Wang (likely Committee member)

e. Advising (Other than Research Direction)

*Indicate approximate numbers of students per year.*

- i. Undergraduate
- ii. Graduate
- iii. Other advising and mentoring activities

*Include advising student groups, special assignments, recruiting, faculty mentorship, etc.*

#### 4. Service and Outreach

a. Editorships, Editorial Boards

International Journal of Industrial Organization, co-managing editor, starting 1/2023.  
Advisory Board member, Journal of Industrial Economics, 1/2021 – present.  
Co-editor, Journal of Economics & Management Strategy, 2008-2015, 10/2017 – 7/2022.  
Associate Editor, RAND Journal of Economics, 9/2017 – present.  
Guest senior editor, Marketing Science, Special Issue on Consumer Protection 2017-2019.  
Board member, Industrial Organization Society, 2014-2015, 1/2021 – present.  
Area Editor, Quantitative Economics and Marketing, 2014-2016.  
Co-editor, International Journal of Industrial Organization, 2008-2011.

Associate editor, International Journal of Industrial Organization, 2005-2008.

b. Professional Service

- i. Offices and committee memberships held in professional organizations (*include dates*).

FTC Conference on Marketing and Public Policy, co-organizer, 10/2024.

FTC Bureau of Economics, Director, 1/2016-7/2017.

Testimony at Congressional Hearing on China's Healthcare Sector, Drug Safety, and the U.S.-China Trade in Medical Products, hosted by the US China Economic and Security Review Commission, 4/2014.

Committee member appointed by the National Academies of Sciences on "A study of food safety and other consequences of publishing establishment-specific data", May-November 2011. More details at <http://www8.nationalacademies.org/cp/CommitteeView.aspx?key=49359>.

Research Associate, National Bureau of Economics Research, since October 2012.  
Faculty Research Fellow, National Bureau of Economics Research, 2005-2012.

Testimony for Maryland House Bill #951 in support of restaurant hygiene grade cards, 3/2007.

IIOC conference program committee member, 2/2014, 2/2015.

Southern Economic Association (SEA) meeting session chair, 11/2013.

Mentor for AEA's Committee for the Status of Women in the Economics Profession (CSWEP), 1/2012, 1/2015, 1/2018, 1/2021.

IIOC editor round table, presenting on behalf of IJIO, 4/2011.

IIOC meeting session chair, 4/2007.

Visiting Scholar, University of Chicago, Summer 2005.

AEA meeting session chair, 1/2004, 1/2018.

- ii. Other non-University committees, commissions, panels, etc.

Referee for

*American Economic Review*

*Applied Economics*

*Journal of Political Economy*

*Quarterly Journal of Economics*

*Review of Economic Studies*

*Journal of the European Economic Association*

*International Economic Review*

*American Economic Journal (Public Policy, Microeconomics, Economic Policy)*

*Journal of Health Economics*

*Journal of Public Economics*  
*Journal of Law and Economics*  
*Journal of Laws, Economics, and Organizations*  
*Journal of Economics & Management Strategy*  
*RAND Journal of Economics*  
*Journal of Risk and Uncertainty*  
*Economic Inquiry*  
National Science Foundation  
*Journal of Industrial Economics*  
*Journal of Human Resources*  
*International Journal of Industrial Organization*  
*Risk Management and Insurance Review*  
*Journal of Policy Analysis and Management*  
*Journal of Risk and Insurance*  
*Review of Economics and Statistics*  
*Berkeley Press*  
*Management Science*  
*Marketing Science*  
*Washington Center for Equitable Growth*  
*Games and Economic Behavior*  
*Vienna University Best Paper Award*

c.. Campus Service

i. Departmental

Faculty Advisory Council (member 2022-2023)  
Senior Recruiting Committee (member 2022-2023)  
Graduate admission committee (member 2021-2022, 2022-2023, 2023-2024)  
Undergraduate committee (member 2020-2021)  
Placement committee (member 2017-2018)  
Executive committee (Chair 2009-2010, member 2010-2011)  
Computing committee (Chair, 2009-2012, member 2013-2015)  
Website committee (2007-2008)  
Graduate Admission & Appointment (2001-2008)  
Graduate Studies Committee (2014-2015)  
Recruitment and Appointment of Assistant Professors and Professors (Chair 2012, member 2000-2003, 2010-2011, 2017-2018)  
Ad hoc tenure evaluation committee (member 2013, 2012)  
Ad hoc promotion evaluation committee (member 2018)  
Ad hoc senior recruiting evaluation committee (chair 2012)

ii. College

ADVANCE professor for BSOS (2021-2023)  
Department Chair Search Committee (2011-2012)  
Maryland Population Research Center Executive Committee (2011-2013)  
Maryland Population Research Center, Faculty Director on Computing, (2012-2013)  
College APT committee (Chair 2013-2015, member 2012)

iii. University

Academic Planning Advisory Committee (2023-2025)  
University APT Appeals Committee (2020-2021)

- iv. Special Administrative Assignments
- v. Other

d. Consulting and External Engagements

- i. Paid Consultancies (*optional*)
- ii. Other Unpaid Services (*to local, state and federal agencies*)

Amicus brief filed for the US Court of Appeals for the Ninth Circuit case Epic Games, Inc. vs. Google LLC, et al., December 2024, joint with Terry Calvani, Ethan Glass, Abbott (“Tad”) Lipsky, Jr., Bruce McDonald, Jeremy Sandford, Joe Sims, Mark Whitener, and Nathan Wilson.

Amicus brief filed for the Supreme Court case Gonzalez et al. vs. Google LLC, January 2023, joint with Steven Tadelis, Liad Wagman and Joshua D. Wright, available at [https://www.supremecourt.gov/DocketPDF/21/2101333/252708/20230119155622104\\_No.%2021-1333\\_Brief.pdf](https://www.supremecourt.gov/DocketPDF/21/2101333/252708/20230119155622104_No.%2021-1333_Brief.pdf).

Public comments submitted to the DOJ/FTC Request for Information on Merger Enforcement, March 2022, joint with Mario Leccese and Liad Wagman, available at <https://www.regulations.gov/comment/FTC-2022-0003-0138>.

Opening Keynote and Panelist at FTC Hearing (11/2018).

Discussant at FTC annual conference (11/2018, 11/2021).

Seminar presentation at FCC (10/2018).

Conference presentation at SEC (3/2018).

Conference presentation at CFPB (9/2018).

Testimony at a congressional hearing hosted by the USCC, 4/2014.

Seminar presentation at the Center of Disease Control and Prevention, 9/2013.

Seminar presentations at US Department of Agriculture, 5/2003.

Seminar presentation at Food and Drug Administration, 6/2013, 4/2013, 12/2003.

Seminars, conference presentations, open remarks, conference discussion at Federal Trade Commission, 11/2002, 6/2004, 11/2005, 10/2006, 11/2010, 11/2011, 11/2012, 9/2016, 11/2016, 11/2017, 12/2017.

iii. Community Engagements, Local, State, National.

iv. International Activities (*not listed above*)

Special Term Visiting Professor, Guanghua School of Management, Peking University, June 2010 – November 2015.

Conference presentation at OECD, Paris office, 10/2006.

v. Corporate and Other Board Memberships

vi. Entrepreneurial Activities

Co-founder of Hazel Analytics, 10/2014.

Board member and Chief Data Scientist, Hazel Analytics, 10/2014 – 11/2018, 8/2020-4/2023.

vii. Other

e. Presentations and Media Activities

i. Presentations (*Non-Research*)

ii. Media Activities

Wall Street Journal (May 29, 2003)  
Sacramento Bee (June 21, 2003)  
Los Angeles Times (July 28, 2003)  
The Press Democrat (October 1, 2003)  
Fresno Bee (October 7, 2003)  
Wichita Eagle (November 5, 2003)  
San Francisco Chronicle (January 25, 2004)  
San Francisco Chronicle (February 9, 2004)  
San Francisco Chronicle (May 26, 2004)  
Reno Gazette-Journal (June 27, 2004)  
Dallas Observer (March 31, 2005)  
San Mateo County Times (August 6, 2005)  
Inside Higher Education (March 2, 2007)  
NBER Digest (September 2007)  
BBC (April 16, 2008)  
Telegraph (April 16, 2008)  
The Daily Mail (UK) (April 16, 2008)  
Baltimore Examiner (April 22, 2008)  
Wall Street Journal Blog (April 24, 2008)  
Newsweek (April 30, 2008)  
Vox CEPR policy portal (March 7, 2010)  
Wall Street Journal Blog (March 29, 2011)  
marketwatch.com (April 1, 2011)  
freakonomics.com (April 6, 2011)  
New York Times (April 21, 2012)  
Toronto Star (June 8, 2013)  
freakonomics.com (October 7, 2013)  
Forbes (June 3, 2014, blog)  
Vox CEPR policy portal (October 9, 2014)  
Forbes (September 17, 2014)  
Wall Street Journal Blog (September 14, 2014)  
Bloomberg (September 17, 2014)  
SpicyIP blog (guest posting, October 10, 2014)  
marketdesigner.blogspot.com (January 3, 2015)  
Wall Street Journal Blog (February 11, 2015)  
World Bank Blog (February 13, 2015)  
Vox CEPR policy portal (7/22/2015)  
qq.com (2/16/2015)  
marginalrevolution.com (9/8/2016)  
Fortune.com (10/31/2018)  
Vox CEPR policy portal (11/9/2018)  
Vox CEPR policy portal (1/7/2019)  
New York Times (5/28/2021)  
SIEPR policy brief (1/2022)

**5. Awards and Honors**



a. Research Fellowships, Prizes and Awards

AEJ: Micro best paper award, 2021.

Distinguished Service Award, Federal Trade Commission, 2017.

Best paper award at the 2015 Conference on Information Systems and Economics (CIST).

2014 Invention of the Year Finalist, University of Maryland.

Best paper award in the 2013 Workshop on Health IT and Economics.

Dissertation Grant, the Agency for HealthCare Quality and Research, 1999-2000.

James Collins Fellowship, UCLA, 1998-1999.

b. Teaching Awards

Graduate Teaching Award, University of Maryland, Department of Economics, Spring 2004, Fall 2009, Fall 2011.

University of Maryland Support for the Improvement of Instruction 2001-2002, April 2001.

University of Maryland Teaching Innovation Grant, Summer 2020.