

Wang Jin

Associate Professor of Management Science

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Academic Appointments

- Associate Professor of Management Science (without tenure), Chapman University (August 2025-present)
- Research Scientist, Stanford Digital Economy Lab, Stanford University (July 2022-July 2025)
- Research Scientist, MIT Sloan School of Management (May 2016-June 2022)
- Associate Director, Federal Statistical Research Data Center, University of Wisconsin-Madison (January 2019-January 2020)
- Postdoctoral Associate, MIT Sloan School of Management (September 2014-April 2016)

Education

- Ph.D. in Economics, Clark University, Worcester, MA, 2014
 - Dissertation Title: “*Environmental regulations and plants’ behavior*”; Concentration: Applied Econometrics and Environmental Economics
- M.A. in Economics, Clark University, Worcester, MA, 2009
 - Concentration: Applied Econometrics and Environmental Economics
- B.B.A., China Agricultural University, Beijing, China, 2007
 - Concentration in Marketing

Research Interests

Economics of Digitalization; Technology Management and Organizations; Future of Work

Refereed Journal Articles

- Sarah H. Bana, Erik Brynjolfsson, **Wang Jin**, Sebastian Steffen, and Xiupeng Wang (2025). Human Capital Acquisition in Response to Data Breaches. *MIS Quarterly*, 49(1), 367-388. *UTD24 Journals*
- **Wang Jin** and Kristina McElheran (2025). Economies Before Scale: I.T. Strategy and Performance Dynamics of Young U.S. Businesses. *Management Science*, 71(9), 7449-7473.
- John (Jianqiu) Bai, **Wang Jin**, and Sifan Zhou (2024). Proximity and Knowledge Spillovers: Evidence from the Introduction of New Airline Routes. *Management Science*, 70(11), 7464-7485.
- John (Jianqiu) Bai, Shuili Du, **Wang Jin**, and Chi Wan (2023). Is Social Capital Associated with Individual Social Responsibility? The Case of Social Distancing During the COVID-19 Pandemic. *Empirical Economics*, 64(4), 1861-1896.
- John (Jianqiu) Bai, **Wang Jin**, and Matthew Serfling (2022). Management Practices and Mergers and Acquisitions. *Management Science*, 68(3), 2141-2165.
- Erik Brynjolfsson, **Wang Jin**, and Kristina McElheran (2021). The Power of Prediction: Predictive Analytics, Workplace Complements, and Business Performance. *Business Economics*, 56(4), 217-239.

Research-Based Practitioner Publications

- Kenneth Munie, **Wang Jin**, Sebastian Steffen, and Prashant P. Shukla (2024). How to Get More from the Cloud: Three Talent Strategies You're Probably Neglecting. *California Management Review*.

- John Bai, Erik Brynjolfsson, **Wang Jin**, Sebastian Steffen, and Chi Wan (2023). Your Company Will Need Remote Work as Extreme Weather Gets Worse. *Harvard Business Review*.
- John Bai, **Wang Jin**, and Matthew Serfling (2021). Research: How Management Practices Impact M&A Outcomes. *Harvard Business Review*.

Conference Proceedings

- Shital Sharma, Jing Zhang, and Wang Jin (2015). A Resource-Based Perspective on Information Technology, Policy, and Environmental Performance. *Proceedings of the 16th Annual International Conference on Digital Government Research*, 107-116

Research Pipeline: Revise and Resubmit

- Wang Jin and Che-Wei Liu, 2022. “The Impact of Immigration Policy Shift on the Labor Market of IT Professionals”. (*Minor Revision at Management Science, 3rd Round*) *UTD24 Journals*
- Wang Jin and John Bai, 2022. “Cloud Computing and Firm Productivity: Evidence from Firms’ Labor Demand”. (*Major Revision at Management Science*) *UTD24 Journals*
 - Media Coverage: MIT Sloan Ideas Made to Matter
- John Bai, Erik Brynjolfsson, Wang Jin, Sebastian Steffen, and Chi Wan, 2024. “Digital Resilience: How Work-From-Home Feasibility Affects Firm Performance”. (*Minor Revision at MIS Quarterly, 3rd Round*) *UTD24 Journals*
 - Media Coverage: MIT Sloan Ideas Made to Matter
 - NBER Working Paper
- Sipeng Zeng, Wang Jin, and Tianshu Sun, 2024. “Privacy vs. Profit: The Economic Costs of Personal Information Protection”. (*Major Revision at Management Science, 1st Round*) *UTD24 Journals*
- Liang Chen, Chenbo Shi, and Wang Jin, 2025. “Breaking the Glass Ceiling or Breaking Trust: Female Fraudsters and Crowdfunding Outcomes”. (*Major Revision at Management Science, 1st Round*) *UTD24 Journals*
- Sipeng Zeng, Wang Jin, and Tianshu Sun, 2025 “Governance in the Digital Age: How Leadership Shapes Corporate Transformation” (*Major Revision at MIS Quarterly, 2nd Round*) *UTD24 Journals*
- Seth G Benzell, Erik Brynjolfsson, and Wang Jin, 2025 “Digital Abundance and Scarce Architects: Evidence on IT and Executive Compensation.” (*Major Revision at MIS Quarterly, 3rd Round*) *UTD24 Journals*
- Erik Brynjolfsson, Wang Jin, Georgios Petropoulos, and Xiupeng Wang, 2022. “Information Technology, Firm Size, and Industrial Concentration: Evidence with Micro Data”. (*Major Revision at ISR, 1st Round*) *UTD24 Journals*
 - NBER Working Paper

Research Pipeline: Under Review and In Preparation

- Erik Brynjolfsson, Wang Jin, and Sebastian Steffen, 2024. “Do IT Capabilities Still Drive Productivity and Innovation in the Digital Age?” (preparing for submission to *MIS Quarterly*)
- Shuyi Dong, Wang Jin, and Tianshu Sun, 2024. “AI Investment and Firm Performance: Insights from China”. (preparing for submission to *MIS Quarterly*)
- John Jianqiu Bai, Wang Jin, Chen Shen, and Donghua Zhou, 2025. “Uneven Loads: Understanding the Decline and Variability in US Manufacturing Capacity Utilization over the Past 40 Years”. (preparing for submission to *Review of Economics and Statistics*)

- Rongda Chen, Chenglu Jin, John (Jianqiu) Bai, Wang Jin, and Chen Shen, 2025. “Rewiring the Modern Organization: How Data-Driven Technologies Reshape Organizational Structure and Operational Performance”. (preparing for submission to *Management Science*)
- Wang Jin, Nadav Kunievsky, Bowen Lou, Tianshu Sun, and James Evans, 2026. “U.S. Policies Unintentionally Accelerated China’s Open AI Ecosystems.” (Under review at *Science*)
- Kristina McElheran and Wang Jin, 2023. “Strategic Fit in Digital Transformation: Exploration vs. Exploitation in the Age of Cloud Computing”. (preparing for submission to *SMJ*).
- John Bai, Wang Jin, Kristina McElheran, and Ryan Williams, 2019. “Information Technology Investment and Working Capital in the Supply Chain”. (Being revised for submission).
- John Bai, Wang Jin, and Yue Qiu, 2019. “Public Insurance and Corporate Investment: Evidence from ACA Medicaid Expansion” (Being revised for submission).

Work In Progress

- Sihan Fang, Wang Jin, and Ricky Tan, “From Prediction to Generation: Two Waves of AI Adoption and the Restructuring of Work in China”, 2026
- Erik Brynjolfsson, Wang Jin, Kristina McElheran, Scott Ohlmacher, and Mu-Jeung Yang, 2020. “Complementarity between Data-Driven Decision-Making Practices (DDD) and Human-Resource Practices”.
- John Bai, Wang Jin, and Wei Wang, 2021. “Management Practices in Bankrupt Firms”.
- Belkis Cerrato, Wang Jin, and Shital Sharma, 2019. “Information Technology and the Great Decoupling of Productivity and Environmental Pollutions: Evidence from the U.S. Manufacturing Industry”.

Honors and Awards

- CSWIM Best Paper Award, 2025
- WISE Best Paper Award nominee, 2024
- CIST Best Paper Award nominee, 2022
- SMS Best Paper Award, Knowledge and Innovation Interest Group, 2021
- Best Proposal Award for Rigor in Research, Competitive Strategy Interest Group (CSIG), Strategic Management Society, 2021
- Edmund A. Mennis Contributed Best Paper Award, National Association for Business Economics, 2020
- SMS Annual Conference Best Paper Prize Finalist and Honorable Mention, 2019

U.S. Census Research Projects (Federal Statistical Research Data Center Program)

- Firms, Employees, Operating Environments, and ESG (Active with Longitudinal Employer-Household Dynamics data access, Co-PI)
- Firms Characteristics, Technology Adoption, and Labor Market Outcomes (Active with Longitudinal Employer-Household Dynamics data access, Co-PI)
- The Managerial Drivers of Organization Performance (Active, Co-PI)
- How Does High-Skill Immigration Affect Domestic Labor Markets and Firms (Active with Longitudinal Employer-Household Dynamics data access, Co-Investigator)
- Environmental Regulations and the Impact of Information Technology, Management Practices, and Innovation on Environmental Performance (Completed, Principal Investigator)
- Validating and Improving the ASM-MOPS (Census Internal; Completed)
- Risk Exposure, Managerial Characteristics, and Firms’ Real Actions (Completed)

- Organizations in the Digital Economy: Information Technology Use, Complementary Investments, and Their Impacts on Firm Outcomes (Completed)
- Short-Run and Long-Run Impacts of Pollution Abatement Spending on Economic and Environmental Outcomes (Completed)

Selected Conference Presentations

- Seminar at Chapman University (March 4, 2025)
- The 2024 Workshop on Information Systems and Economics (December 18, 2024)
- Seminar at the Census Bureau's Center for Economic Studies (May 9, 2024)
- The 2023 Conference on Information Systems and Technology (October 14, 2023)
- 33rd Annual POMS Conference (May 21, 2023)
- MIT FutureTech (March 1, 2023)
- The 2022 Workshop on Information Systems and Economics, (December 14, 2022)
- The 2022 Annual Conference of MIT Initiative on the Digital Economy (May 19, 2022)
- The 2021 Workshop on Information Systems and Economics, (December 17, 2021)
- The 2021 Stanford Digital Economy Lab Annual Workshop, (November 8, 2021)
- The 2021 Conference on Information Systems and Technology, (October 23, 2021)
- The 2020 Workshop on Information Systems and Economics, (December 16, 2020)
- Keynote at the 2020 NABE Tech Economics Conference, (November 9, 2020)
- The 2020 Conference on Information Systems and Technology, (November 7, 2020)
- The 2020 Annual Conference of MIT Initiative on the Digital Economy (May 20, 2020)
- The 2019 Workshop on Information Systems and Economics, (December 9, 2019)
- The 2019 Financial Management Association Annual Meeting, (October 26, 2019)
- The 2019 Conference on Information Systems and Technology, (October 21, 2019)
- The FSRDC Annual Conference 2019, (September 6, 2019)
- The INFORMS Annual Conference 2018, (November 6, 2018)
- **Keynote** at the SMARTx Tech Talks (SME 2018) (May 2, 2018)
- The 28th Workshop on Information Systems and Economics (WISE 2017) (December 14, 2017)
- The 2017 Conference on Information Systems and Technology (October 21, 2017)
- The 2017 Annual Conference of MIT Initiative on the Digital Economy (May 29, 2017)
- The National Bureau of Economic Research Productivity Lunch seminar (May 2, 2017)
- The 15th Annual International Industrial Organization Conference (April 7, 2017)
- The 2017 Midwest Economics Association Annual Meeting (March 30, 2017)
- The 27th Workshop on Information Systems and Economics (December 2016)
- The 16th Annual International Conference on Digital Government Research (March 2015)
- Eastern Economic Association 39th Annual Conference (May 11, 2013)
- Association of Environmental and Resource Economists (AERE) Summer Conference (June 4, 2012)
- Eastern Economic Association 38th Annual Conference (March 9, 2012)

Teaching Experience

- **Chapman University,**
 - MGSC 220: Foundations of Business Analytics, Spring 2026 (two sections: 4.46/5 and 4.73/5)
 - BUS 673: Cloud Data Ecosystem and Data/AI Ethics, Interterm 2026 (4.99/5)

- **Other Teaching and Mentoring**

- Edgewood College, CS 305-Introduction to Data Analytics, Spring 2023 (4.7/5)
- MIT Analytics Lab (A-Lab), Mentor, Spring 2021
- UW-Madison FSRDC outreach seminars, 2019

Professional Affiliations

- Digital Fellow, Stanford Digital Economy Lab, Stanford HAI
- Research Fellow, FSRDC at UW Madison, WI
- Professional Membership: Association for Information Systems (AIS)

Professional Service

- Ad hoc Reviewer, Management Science, Organization Science, Information Systems Research, MISQ, SMJ, SMS Annual Conference, CIST conference, ICIS, Empirical Economics
- Discussant, Workshop on Information Systems and Economics, Annual International Industrial Organization Conference, and Midwest Economics Association Annual Meeting

Computer Skills

Stata, Python, SAS, R, GIS, LaTeX, Google Cloud Platform (GCP)