

# Jane Yi Jiang

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650 Fisher Hall, 2100 Neil Ave Columbus, Ohio 43210

## Research Interest

My research centers on marketplaces and the dissemination of information within them. Currently, I focus on the role of generative artificial intelligence on digital platforms, examining how it shapes information flow and influences decision-making. I use causal inference, structural modeling, and machine learning to address emerging business challenges and generate actionable insights for firms.

## Academic

**Assistant Professor, Fisher College of Business, The Ohio State University**

Department of Operations and Business Analytics, 2024-Present

## Education

**Robert H. Smith School of Business, University of Maryland, College Park**

Ph.D. Candidate in Operations Management & Management Science, 2024

Minor in Economics

**Job market paper:** An Empirical Study of Blockchain-Driven Transparency in a Consumer Marketplace

**Committee:** Wedad J. Elmaghraby (chair), Ken Moon, Ozge Sahin, Ashish Kabra, Ginger Zhe Jin

**Queens College, City University of New York**

B.S., Physics, 2019

B.A., Mathematics, 2019

**Queensborough Community College, City University of New York**

A.S., Mathematics and Sciences, 2016

**New York University School of Law**

Master of Laws (LL.M), 2013

**China University of Political Science and Law**

Bachelor of Law, 2008

## Research Projects

- 1. An Empirical Study of Blockchain-Driven Transparency in a Consumer Marketplace**  
with Wedad Elmaghraby and Ken Moon
  - Selected for presentation at MSOM SIG 2025
  - Finalist, 2023 TIMES Best Working Paper Competition
  - Selected for presentation at Wharton Empirical OM Workshop 2023
- 2. Impact of Markdown Strategy on Returns: A Price Transparency and Valuation Uncertainty Story**  
with Wedad Elmaghraby and Ozge Sahin
- 3. AI Self-preferencing in Algorithmic Hiring: Empirical Evidence and Insights**  
with Jiannan Xu and Gujie Li
  - Media Coverage: The Register, El Confidencial, Business Insider, Smith News
  - Best Student Paper Runner-Up, Conference on Information Systems and Technology 2025
  - Finalist, Best Student Paper Award, Fisher AI in Business Conference 2025
  - Accepted at 3rd Annual Business & Generative AI Conference (AI@Wharton) 2025
  - AAAI/ACM AIES 2025 (Oral presentation by Jiannan Xu)
  - ACM EAAMO'25 (Oral presentation by Jiannan Xu)
  - Accepted at 2025 Markets & Society Conference
- 4. When Incentives Shape Information: Strategic Disclosure in Judicial Auctions**  
with Qiyao Zhou and Ginger Zhe Jin
  - Accepted at the CCER Summer Institute 2026
- 5. AI-Infused Nudges for Supply Chain Decision Making**  
with Jiannan Xu and Wedad Elmaghraby
  - Supported by the Faculty-Student Research Award (\$15,000) from University of Maryland
- 6. Escaping the Nash Trap: Structural Estimation and Alignment of Strategic Reasoning in Large Language Models**  
with Jiannan Xu, Yongkang Duan, and Jiding Zhang.
  - Accepted at the AI and Economics (AIE) Summer Conference 2026
- 7. Prompt Injection in Automated Résumé Screening with Large Language Models: Single and Multi-Injection Settings, ACL 2026 Findings**  
with Preet Baxi, Jiannan Xu, and Stefanus Jasin.

## Talks

- INFORMS Annual Meeting, Atlanta GA, Oct. 2025
- INFORMS Revenue Management and Pricing Section Conference, NYC NY, July 2025
- MSOM Sustainable Operation SIG, London UK, Jun. 2025
- Industry Studies Association 2025, Cambridge MA, Jun. 2025
- INFORMS Annual Meeting, Seattle WA, Oct. 2024
- INFORMS RMP Section Conference, Los Angeles CA, Jul. 2024
- POMS Annual Meeting, Minneapolis MN, Apr. 2024
- DSI Annual Conference, Atlanta GA, USA, Nov. 2023
- INFORMS Annual Meeting, Phoenix AZ, USA, Oct 2023
- Wharton Empirical OM Workshop, Philadelphia PA, USA, Oct 2023
- The Eighth Marketplace Innovation Workshop, Virtual, May 2023
- POMS Annual Meeting, Orlando FL, USA, May 2023
- INFORMS Annual Meeting, Indianapolis IN, USA, Oct 2022

## Teaching Experience

1. **Instructor**, Fisher College of Business, The Ohio State University  
Operations of Digital Platforms (MBA elective, 1.5 credits), Spring 2026
2. **Instructor**, Fisher College of Business, The Ohio State University  
Introduction to Operations Management (undergraduate core, 3 credits), Spring 2026,  
Autumn 2024
3. **Instructor**, Robert H. Smith School of Business, University of Maryland, College Park  
Business Statistics (undergraduate core, 3 credits), Summer 2023.
4. **Instructor**, Robert H. Smith School of Business, University of Maryland, College Park  
Business Statistics (undergraduate core, 3 credits), Summer 2022.
5. **Instructor**, Queensborough Community College, City University of New York  
QCC-STEP program, high school math, physics, and chemistry for students from the  
underrepresented groups, 2015~2019.

## Honors and Awards

- Best Student Paper Runner-Up, Conference on Information Systems and Technology (CIST) 2025
- Allan N. Nash Outstanding Doctoral Student Award, UMD, 2024
- Robert H. Smith School Ph.D. Fellowship, UMD, 2019-2023
- The Paul Klapper Scholarship, QC, 2019
- The Eva and Jacob Paulson Memorial Award for Excellence in Mathematics, QC, 2019
- Physics Department Paul Klapper Price, QC, 2019

- CUNY Research Scholar (CRSP), 2014~2016
- Presidential Award, CUNY, 2016

## Academic Services

- **Session chair**, Service Science Cluster, INFORMS 2026
- **Session chair**, Behavioral Operations Management, POMS 2026
- **Session chair**, Operational Excellence, POMS 2026
- **Session chair**, Technology and innovation in procurement, POMS 2024
- **Roundtable Chair**, Fisher AI Retreat 2026
- **Reviewer**, MSOM, POMS, AOM
- **Reviewer**, ICIS (International Conference on Information Systems) 2026
- **Reviewer**, PACIS (Pacific Asia Conference on Information Systems) 2026
- **Reviewer**, AI4PG (AI for Decision Making in Public Goods) Grants Program 2026
- **Judge**, INFORMS TIMES Best Working Paper Award 2026
- **Judge for Best PhD Student Paper Presentation**, Fisher AI in Business Conference 2025
- **Faculty advisor**, China Entrepreneur Network at Ohio State, 2024 -
- **Founder and Vice President**, INFORMS University of Maryland Student Chapter
- **Founder and Co-Chair**, OM PhD Student Brown Bag Series  
University of Maryland, College Park, 2022~present
- **Social Chair**, Association of Doctoral Students  
University of Maryland, College Park, 2020~2022
- **Representative**, Graduate Student Government  
University of Maryland, College Park, 2020~2021

## Skills

**Analytics:** Stata, R

**Programming:** Python, Java, C++, LaTeX

**Database:** SQL

**Language:** Mandarin (native), English (fluent)