

XIAOYUE YAN

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EMPLOYMENT

University of Oregon

Lundquist College of Business

Assistant Professor of Operations and Business Analytics

June 2024 - Current

Eugene, Oregon

EDUCATION

Cornell University/Cornell Tech

Samuel Curtis Johnson Graduate School of Management

Ph.D. in Operations, Technology & Information Management

2018 - 2024

Ithaca & New York, NY

Shanghai University of Finance & Economics

B.S. in Information Management & Information System; Rank: 1/112

B.A. in Business English (Minor)

2014 - 2018

Shanghai, China

RESEARCH INTERESTS

Data-driven decision-making, supply chain management, data-driven sustainability

RESEARCH PAPERS

Publication

1. Xiaoyue Yan, Li Chen, Xiaobo Ding. 2024. "Optimal Cash Management with Payables Finance." *Operations Research*, 72(5):1806-1826.
2. Tong Wang, Xiaoyue Yan, Chaolin Yang. 2021. "Managing a Hybrid RDC-DC Inventory System." *Production and Operations Management*, 30: 3679-3697.

Working Papers

3. "Variability Propagation in Perishable Product Supply Chains." with Elena Belavina. *In preparation for resubmission to Management Science*.
4. "Data-driven Decisions in Supply Chains: Contracts, Algorithms and Efficiency." with Elena Belavina and Karan Girotra. *In preparation for submission*.
5. "Birdbnb: Data-Driven Auction Design for Short-Term Bird Habitat Rental." with Li Chen and Jue Wang.
6. "Platform Competition with Two-Sided Multihoming: Network Value and Payment Structure." with Li Chen.

HONORS & AWARDS

New Junior Faculty Research Award, University of Oregon	2024
First Place, Best Dissertation Competition, Supply Chain Analytics Institute Annual Conference	2024
Bartholomew Family Charitable Fund PhD Student Scholarship, Cornell University	2021
Byron E. Grote Johnson Professional Scholarship, Cornell University	2019
Graduate School Fellowship, Cornell University	2018
Yinyu Ye Scholarship, Shanghai University of Finance & Economics	2018

Shanghai Outstanding Graduates Award, Shanghai University of Finance & Economics	2018
National Scholarship (Top 1%), Shanghai University of Finance & Economics	2017

TEACHING

University of Oregon:

Business Analytics II (Undergraduate Core)	Winter 2025
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Cornell University & Cornell Tech:

Co-instructor

◇ Review sessions for Managing Operations (MBA), 4.86 (1-5 Scale)	Fall 2021
◇ Guest lecture for Foundations of Operations Management II (PhD)	Spring 2022

Teaching Assistant

◇ Managing Operations (Cornell-Tsinghua MBA Core)	Summer 2024, Spring 2023, Spring 2022
◇ Managing Operations (EMBA)	Spring 2024
◇ Operations Management (MBA)	Spring 2024, Fall 2021, Spring 2020
◇ Supply Chain Analytics (Online MSBA Elective)	Spring 2023
◇ Leading Digital Transformation and Innovation (EMBA)	Fall 2022
◇ Supply Chain Strategy (MBA)	Fall 2021
◇ Quantitative Analysis (Undergraduate)	Spring 2020

INVITED TALKS

“Birdbnb: Data-Driven Auction Design for Short-Term Bird Habitat Rental”

◇ INFORMS Annual Meeting	2024
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“Variability Propagation in the Perishable Product Supply Chains”

◇ INFORMS Annual Meeting	2024, 2020
◇ MSOM Conference (Virtual)	2021
◇ Cornell OTIM PhD Forum	2019

“Data-driven Decisions in Supply Chains: Contracts, Algorithms and Efficiency”

◇ MSOM Conference	2024, 2023
◇ The Dow Chemical Company	2024
◇ UCL - School of Management	2023
◇ University of Notre Dame - Mendoza College of Business	2023
◇ Rice University - Jones Graduate School of Business	2023
◇ University of Oregon - Lundquist College of Business	2023
◇ University of Calgary - Haskayne School of Business	2023
◇ City University of Hong Kong - College of Business	2023
◇ National University of Singapore (NUS) - Business School	2023

◇ Singapore Management University (SMU) - Lee Kong Chian School of Business	2023
◇ Nanyang Technological University (NTU) - Nanyang Business School	2023
◇ University of New Hampshire - Peter T. Paul College of Business and Economics	2023
◇ INFORMS Annual Meeting	2023
◇ Cornell OTIM Workshop	2023
“Optimal Cash Management with Payables Finance”	
◇ INFORMS Annual Meeting	2021
◇ MSOM Conference (Virtual)	2021
◇ Supply Chain Finance & Risk Management Workshop (Virtual)	2021
“Platform Competition with Two-Sided Multihoming: Network Value and Payment Structure”	
◇ INFORMS Annual Meeting	2022
◇ Cornell OTIM PhD Forum	2020
“Managing a Hybrid RDC-DC Inventory System”	
◇ POMS Conference	2019

SERVICE

Reviewer for <i>Management Science, Manufacturing & Service Operations Management</i>	
Judge, Three Minute Thesis Competition, University of Oregon	2024
Session Co-chair, INFORMS Annual Meeting	2022, 2023
Co-chair, OTIM PhD Forum, Cornell University	2020 - 2021

SKILLS

Python, MATLAB, R, STATA