

# XIAOYUE YAN

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## EMPLOYMENT

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### University of Oregon

*Lundquist College of Business*

Assistant Professor of Operations and Business Analytics

June 2024 - Current

Eugene, Oregon

## EDUCATION

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### 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

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

## RESEARCH PAPERS

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### 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

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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

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### University of Oregon:

Business Analytics II (Undergraduate Core) Winter 2025

- ◇ Eval 2.75/3; Enrollment 40; Response rate 67.5%
- ◇ Eval 2.74/3; Enrollment 59; Response rate 67.8%
- ◇ Eval 2.82/3; Enrollment 59; Response rate 74.6%

*(Based on average of UO's 10 SES categories: 3 = Beneficial, 2 = Neutral, 1 = Needs Improvement)*

### 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

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

- ◇ INFORMS Annual Meeting 2024

“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

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Reviewer for <i>Management Science, Manufacturing &amp; 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

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Python, MATLAB, R, STATA