

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

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. *In preparation for submission*.
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 |

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

TEACHING

University of Oregon:

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

Co-instructor

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| ◇ 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

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| ◇ 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”

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| ◇ University of California San Diego - Rady School Of Management | 2025 |
| ◇ INFORMS Annual Meeting | 2024 |

“Variability Propagation in the Perishable Product Supply Chains”

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| ◇ POMS Conference | 2025 |
| ◇ INFORMS Annual Meeting | 2024, 2020 |
| ◇ MSOM Conference (Virtual) | 2021 |
| ◇ Cornell OTIM PhD Forum | 2019 |

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

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| ◇ 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 |

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| ◇ 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 & 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