

JINGWEI ZHANG

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ACADEMIC APPOINTMENT

Samuel Curtis Johnson College of Business, Cornell University *July 2023 - present*
Assistant Professor (Tenure Track) of Operations, Technology and Information Management
Faculty Fellow of Cornell Atkinson Center for Sustainability

EDUCATION

Anderson School of Management, UCLA *2023*
Ph.D. in Operations Management

Dissertation: Toward Sustainable Cities: Modeling and Data Analytics for Urban Mobility

Columbia Business School, Columbia University *2018*
M.S. in Marketing Science

Tsinghua University *2017*
B.E. in Industrial Engineering
B.E. in Computer Science

RESEARCH INTERESTS

- **Methodologies:** data analytics, applied game theory, structural estimation, applied optimization
- **Applications:** sustainability, urban mobility, smart city operations, public sector operations

PUBLICATIONS

S. Liu, A. Siddiq, J. Zhang, Planning bike lanes with data: Ridership, congestion, and path selection. **Management Science** (2024+). [Link]

- **Winner**, INFORMS Public Sector Operations Research (PSOR) Best Paper Award, 2023
- **Winner**, POMS College of Sustainable Operations Student Paper Competition, 2022
- **Second Place**, INFORMS IBM Best Student Paper Award, 2022
- **Second Place**, Section on Location Analysis (SOLA) Best Student Paper Award, 2023
- **Finalist**, INFORMS Workshop on Data Mining and Decision Analytics Best Paper Award (Applied Track), 2022
- Accepted to MSOM Sustainable Operations SIG, 2022

A. Siddiq, C. S. Tang, J. Zhang, Partnerships in urban mobility: Incentive mechanisms for improving public transit adoption. **Manufacturing & Service Operations Management** (2022) [Link]

WORK IN PROGRESS

O. Wu, J. Zhang, Optimal Public Transit Planning

S. Liu, X. Niu*, K. Wei, J. Zhang, Bike Lane Network Expansion: Traffic, Emissions, and Equity Implications (*Draft available upon request*)

- Accepted for presentation at the INFORMS Workshop on Data Science 2024

Y. Dong*, A. Siddiq, J. Zhang, Price Control and Seller Entry in Secondary Markets for Food Waste
 Y. Gong*, J. Wang, J. Zhang, Saving Whales with Optimal Control

* student coauthors

HONORS & AWARDS

- **Winner**, Section on Location Analysis (SOLA) Dissertation Award 2024
- **Winner**, Public Sector Operations Research Best Paper Award 2023
- **Second Place**, INFORMS Society on Location Analysis Best Student Paper Award 2023
- INFORMS Workshop on Data Science Student Scholarship 2023
- **Honorable Mention**, Transportation Science & Logistics Dissertation Award 2023
- Xavier Drèze Prize, UCLA Anderson School of Management 2023
- **Second Place**, INFORMS IBM Best Student Paper Award 2022
- **Finalist**, INFORMS Workshop on Data Mining and Decision Analytics Best Applied Paper Award 2022
- **First Place**, POMS College of Sustainable Operations Student Paper Competition 2022
- Dissertation Year Fellowship, UCLA 2022
- Easton Technology Management Center Grant, UCLA 2020 - 2022
- UCLA Anderson DOTM Area Travel Grant 2020 - 2022
- Four-year Ph.D. Fellowship, UCLA Anderson School of Management 2018 - 2022

INVITED SEMINARS AND CONFERENCES

Transportation and Logistics Early-Career North American Talent Workshop, Georgia Tech	2025
Fuqua School of Business, Duke University	2024
Dyson School of Applied Economics and Management, Cornell University	2023
SC Johnson College of Business, Cornell University	2022
Ross School of Business, University of Michigan	2022
Jones Graduate School of Business, Rice University	2022
The George Washington University School of Business	2022
University College London School of Management	2022
London Business School	2022
Naveen Jindal School of Management, The University of Texas at Dallas	2022
Gies College of Business, University of Illinois Urbana-Champaign	2022
Kelley School of Business, Indiana University	2022
School of Management and Economics, Chinese University of Hong Kong, Shenzhen	2022
MOILS Seminar, Stern School of Business, New York University	2022
Young Scholar Seminar Series, Rotman School of Management, University of Toronto	2022
City of Vancouver's Transportation Division	2022

TEACHING

<i>AEM 4940/AEM 6940 Introduction to Machine Learning in Business</i>	<i>Spring 2024 -</i>
Undergraduate/Graduate in Applied Economics and Management, Cornell University	
Ratings: 4.97, 5.00/5.00	
<i>HADM 4750/6750 Machine Learning for Business and Hospitality Applications</i>	<i>Spring 2025 -</i>
Undergraduate/Graduate in Hotel Administration, Cornell University	

SERVICE

Reviewer for *Management Science*, *Manufacturing & Service Operations Management*, *MSOM SIG*,
Production and Operations Management
Co – Chair, INFORMS Public Sector Operations Research (PSOR) Best Paper Competition 2024
Session Chair/Co – Chair, INFORMS 2022, 2023, 2024
Session Chair/Co – Chair, POMS 2024, 2025
PhD representative, UCLA Anderson Equity, Diversity, and Inclusion (EDI) Advisory Council 2022
Area representative, UCLA Anderson PhD Advisory Board 2019 - 2022

INDUSTRY

Data scientist intern, <i>Lime</i>	<i>2022</i>
Data analyst intern, <i>Uber</i>	<i>2017</i>
Business analyst intern, <i>Amazon</i>	<i>2016</i>

MISCELLANEA

Programming Skills: Python, Julia, SQL, R, Matlab, Linux/bash

Software: Mathematica, ArcGIS, Tableau

Hobbies: Tennis, travelling, photography