

JINGWEI ZHANG

Email: jz2293@cornell.edu

Homepage: jingwei-zhang.com

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 (Major)
B.E. in Computer Technology (Minor)

RESEARCH INTERESTS

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

WORKING PAPERS & WORK IN PROGRESS

A. Y. Dong*, A. Siddiq, J. Zhang, Empirical Market Design in Surplus Food Marketplaces, **Under review** [Link]

- Accepted to INFORMS Revenue Management and Pricing (RM&P) Section Conference, 2025
- Accepted to Marketplace Innovation Workshop, 2025

O. Wu, J. Zhang, Public Transit Time and Fare Design: Ridership Maximization Under Income Disparity, **Under review** [Link]

- **Second Place**, Best Flash Talk, Early-Career Sustainable Operations Management Workshop, 2025

Y. Gong*, J. Wang, J. Zhang, J. Morten (NOAA), R. Rhodes (Benioff Ocean Science Lab), Optimization for Whale Preservation

- Cornell Atkinson Rapid Response Fund (\$9,965), 2025
- Jean F. Rowley Research Excellence Fund (\$5,000), 2025

* student coauthors

PUBLICATIONS

S. Liu, A. Siddiq, J. Zhang, Planning bike lanes with data: Ridership, congestion, and path selection. **Management Science (2025)**. [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**, M&SOM Society Award for Responsible Research in Operations Management, 2025
- **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]

HONORS & AWARDS

Research

- Principal Investigator, Cornell Atkinson Rapid Response Fund (\$9,965), 2025
- Recipient, Jean F. Rowley Research Excellence Fund (\$5,000), 2025
- **Finalist**, M&SOM Society Award for Responsible Research in Operations Management 2025
- **Second Place**, Best Flash Talk, Early-Career Sustainable Operations Management Workshop 2025
- **Winner**, Section on Location Analysis (SOLA) Dissertation Award 2024
- **Winner**, Public Sector Operations Research (PSOR) 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

Teaching

- Dean's Distinguished Award for Societal Impact in Teaching 2025
- Cornell Dyson School Faculty Teaching Excellence Award (Graduate Program) 2025

INVITED SEMINARS AND CONFERENCES

- School of Operations Research and Information Engineering, Cornell University 2025
- New York Ontario Operations Workshop, University at Buffalo 2025
- 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 3275/AEM 5275 Introduction to Machine Learning in Business</i>	Spring 2024 -
Undergraduate/Graduate in Applied Economics and Management, Cornell University	
Ratings: 4.76, 4.69 (2025), 4.97, 5.00 (2024) (out of 5.00)	
<i>HADM 3275/HADM 5275 Introduction to Machine Learning in Business</i>	Spring 2025 -
Undergraduate/Graduate in Hotel Administration, Cornell University	

SERVICE

Academic

Journal reviewer for <i>Management Science, Manufacturing & Service Operations Management, Operations Research, Production and Operations Management, Transportation Science, Decision Sciences, IISE Transactions, IISE Transactions on Healthcare Systems Engineering</i>	
Conference reviewer for <i>M&SOM, M&SOM SIG</i>	2025
Co – Chair, INFORMS Public Sector Operations Research (PSOR) Best Paper Competition	2024
Session Chair/Co – Chair, INFORMS	2022 -
Session Chair/Co – Chair, POMS	2024, 2025

Cornell

Dyson Graduate Student Placement Committee, Cornell University	2023, 2024
Johnson OTIM Ph.D. Admissions Committee, Cornell University	2023

UCLA

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

MISCELLANEA

Programming Skills: Python, Julia, SQL, R, Matlab, Linux/bash
Software: Mathematica, ArcGIS, Tableau
Hobbies: Tennis, travelling, photography