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
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 Reshapes Emissions of Urban Transportation System: Evidence from Chicago Downtown (*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

AEM 4940/AEM 6940 Introduction to Machine Learning in Business	*Spring 2024 -*

Undergraduate/Graduate in Applied Economics and Management, Cornell University
Ratings: 4.97, 5.00/5.00

HADM 4750/6750 Machine Learning for Business and Hospitality Applications	*Spring 2025 -*

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*

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

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, *Lime*	*2022*
Data analyst intern, *Uber*	*2017*
Business analyst intern, *Amazon*	*2016*

MISCELLANEA

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