

Jingwei Zhang

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EMPLOYMENT

Samuel Curtis Johnson College of Business, Cornell University

Assistant Professor (Tenure Track) of Operations, Technology and Information Management July 2023 - present

EDUCATION

Anderson School of Management, UCLA

Ph.D. in Operations Management 2023

- **Advisors:** Auyon Siddiq and Christopher S. Tang

Columbia Business School, Columbia University

M.S. in Marketing Science 2018

Tsinghua University

B.E. in Industrial Engineering (Major) 2017

B.E. in Computer Science (Minor)

RESEARCH INTERESTS

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

PUBLICATIONS

Partnerships in Urban Mobility: Incentive Mechanisms for Improving Public Transit Adoption [[Link](#)]

with Auyon Siddiq and Christopher S. Tang

Manufacturing & Service Operations Management, Vol. 24, No. 2: 956 – 971, 2021

- Media coverage: [UCLA Anderson Review](#)

WORKING PAPERS

Planning Bike Lanes with Data: Ridership, Congestion, and Path Selection (Job Market Paper) [[Link](#)]

with Sheng Liu and Auyon Siddiq

Minor revision, *Management Science*

- **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
- Media coverage: [UCLA Anderson Review](#), [Rotman Research Insights](#)

WORK IN PROGRESS

Green Product Development: Consumer Search and Government Regulations

with Shixin Wang

Model development and analysis completed; writing in progress

Traffic and Emissions: Environmental Impact of Large-Scale Bike Lane Network Expansion

with Chenxi Li, Sheng Liu and Keji Wei

Model development and data collection completed; numerical experiments in progress

HONORS & AWARDS

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

CONFERENCES PRESENTATIONS

Planning Bike Lanes with Data: Ridership, Congestion, and Path Selection

- 2023: POMS, POMS – HK, Conference on AI ML and BA
- 2022: INFORMS, Workshop on Data Mining and Decision Analytics, UCLA Anderson, NYU Stern, CSAMSE, MSOM SIG, University of Toronto Rotman, CORS, London Business School, City of Vancouver's Transportation Division
- 2021: INFORMS

Partnerships in Urban Mobility: Incentive Mechanisms for Improving Public Transit Adoption.

- 2021: MSOM, POMS
- 2020: INFORMS

TEACHING EXPERIENCE

Master of Business Administration

Teaching Assistant

MGMTGEX-410: Logistics and Operations Management

Instructor: Christopher S. Tang

UCLA Anderson School of Management

UCLA-NUS Executive MBA Program

Fall 2022

Master of Business Administration*Teaching Assistant*

MGMTFT 402: Data and Decisions

Instructors: Elisa Long, Auyon Siddiq

UCLA Anderson School of Management

Fully-Employed MBA Program

*Fall 2019, Fall 2020, Fall 2021***Master of Science in Business Analytics***Teaching Assistant*

MGMTMSA 403: Optimization

Instructor: Auyon Siddiq

UCLA Anderson School of Management

*Fall 2020, Winter 2023***RESEARCH MENTORSHIP**

Traffic and Emissions: Environmental Impact of Large-Scale Bike Lane Network Expansion

Chenxi Li, visiting Ph.D. student at Rotman School of Management, University of Toronto

INDUSTRY EXPERIENCE

Data scientist intern, **Lime**

Virtual, Summer 2022

- Proposed a queueing model for spatial-temporal analysis of excess demand and excess supply of e-scooters, which is in production to guide fleet rebalancing
- Conducted causal inference of sidewalk riding on bike lane existence and type, which is used for bike lane recommendation to the government

Data analyst intern, **Didi**

Beijing, Spring 2017

- Predicted user growth using multiple machine learning models

Business analyst intern, **Amazon**

Beijing, Summer 2016

- Developed an optimization-based toolkit to schedule delivery associates

SERVICES

Reviewer for Management Science

2023 - present

Session Co – Chair, INFORMS Annual Meeting

2022

- Session SE46 - Data Analytics for Urban Mobility and Smart Cities

PhD representative, UCLA Anderson Equity, Diversity, and Inclusion (EDI) Advisory Council

2022 - present

Member, INFORMS, MSOM Society, POMS

2020 - present

Area representative, UCLA Anderson PhD Advisory Board

2019 - present

MISCELLANEA

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

REFERENCES

Auyon Siddiq

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Charles Corbett

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Sheng Liu

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