

# Jingwei Zhang

929-310-1024 | Email: jingwei.zhang.phd@anderson.ucla.edu | Website: <https://www.jingwei-zhang.com/>

## EDUCATION

---

### Anderson School of Management, UCLA

Ph.D. in Operations Management

2023 (expected)

- **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

2017

Minor in Computer Science

## RESEARCH INTERESTS

---

- **Methodologies:** data analytics, economic modeling, game theory, structural estimation, optimization
- **Applications:** sustainable operations, smart city operations, urban mobility

## PUBLICATIONS & WORKING PAPERS

---

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

with Sheng Liu and Auyon Siddiq

*Major revision, Management Science*

- Accepted to MSOM Sustainable Operations SIG, 2022
- First Place, POMS College of Sustainable Operations Student Paper Competition, 2022
- Finalist, INFORMS Workshop on Data Mining and Decision Analytics Best Applied Paper Award, 2022
- Finalist, INFORMS IBM Best Student Paper Award, 2022
- Media coverage: [UCLA Anderson Review](#), [Rotman Research Insights](#)

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

with Auyon Siddiq and Christopher S. Tang

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

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

### Green Product Development: Consumer Search and Government Regulations

with Shixin Wang

In preparation

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

with Chenxi Li, Sheng Liu and Keji Wei

In preparation

## CONFERENCES PRESENTATIONS

---

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

- INFORMS Annual Meeting, Indianapolis, IN, 2022 (Scheduled)
- 17th INFORMS Workshop on Data Mining and Decision Analytics, Indianapolis, IN, 2022 (Scheduled)
- Anderson School of Management, UCLA, 2022 (Scheduled)
- MOILS Seminar, Stern School of Business, NYU, 2022
- CSAMSE, 2022
- MSOM Annual Meeting SIG Day, Munich, Germany, 2022
- Young Scholar Seminar, Rotman School of Management, University of Toronto, 2022
- CORS / INFORMS International Conference, Vancouver, Canada, 2022
- Trans-Atlantic Doctoral Conference, London Business School, 2022
- Lunch & Learn Seminar, City of Vancouver's Transportation Division, 2022
- INFORMS Annual Meeting, Anaheim, CA, 2021

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

- MSOM Annual Meeting, online, 2021
- POMS Annual Meeting, online, 2021
- INFORMS Annual Meeting, online, 2020

## 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*

## INDUSTRY EXPERIENCE

---

Data scientist intern, **Lime**

Virtual, Summer 2022

Data analyst intern, **Didi**

Beijing, Spring 2017

Business analyst intern, **Amazon**

Beijing, Summer 2016

## HONORS & AWARDS

---

Finalist, 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

## SERVICES

---

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

**Extracurricular activities:** Tennis, travelling, photography

## REFERENCES

---

**Auyon Siddiq**

Decisions, Operations and Technology Management  
Anderson School of Management  
University of California, Los Angeles  
Los Angeles, CA  
Email: [auyon.siddiq@anderson.ucla.edu](mailto:auyon.siddiq@anderson.ucla.edu)

**Christopher S. Tang**

Decisions, Operations and Technology Management  
Anderson School of Management  
University of California, Los Angeles  
Los Angeles, CA  
Email: [chris.tang@anderson.ucla.edu](mailto:chris.tang@anderson.ucla.edu)

**Charles Corbett**

Decisions, Operations and Technology Management  
Anderson School of Management  
University of California, Los Angeles  
Los Angeles, CA  
Email: [charles.corbett@anderson.ucla.edu](mailto:charles.corbett@anderson.ucla.edu)

**Sheng Liu**

Operations Management and Statistics  
Rotman School of Management  
University of Toronto  
Toronto, Canada  
Email: [sheng.liu@rotman.utoronto.ca](mailto:sheng.liu@rotman.utoronto.ca)