

Jingkang “Jake” Gao
gaoj@illinois.edu

CURRENT POSITION

Visiting Assistant Professor
University of Illinois College of Law
504 East Pennsylvania Avenue
Champaign, IL 61820

EDUCATION

Massachusetts Institute of Technology, PhD in Urban Studies and Planning, 2020-2024
Passed dissertation defense on August 1, 2024; degree expected in late September 2024
Passed first field exam in international development and second field exam in behavioral law and economics and transportation policy; Research Mentoring Certificate
Dissertation Title: *The Bidirectional Relationship Between Law and Algorithms in Urban Mobility*
Dissertation Committee: Jason Jackson (MIT), Jinhua Zhao (MIT), Michael Gerrard (Columbia Law School)

Columbia Law School, JD, 2017-2020
Harlan Fiske Stone Scholar, 2018-2019, 2019-2020

Massachusetts Institute of Technology, MS in Transportation, 2014-2016
Thesis: *Why the Chinese Obey the Law: Case Studies from Transportation*

Princeton University, BSE in Operations Research and Financial Engineering, 2009-2013
Thesis: *A Disaggregate Transportation Demand Model for the Analysis of an Autonomous Taxi System in New Jersey*

PUBLICATIONS AND WORKS IN PROGRESS

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=SLgLJTYAAAAJ>

Motivations for Compliance with the Law in Urban Mobility:

Gao, J., Jackson, J., & Zhao, J. (2023). Motivations for Watching Videos on Mobile Phones While Driving in Parking Lots and While Waiting at Intersections in the United States. *Transportation Research Part F: Traffic Psychology and Behaviour*, 92, 155-175. <https://doi.org/10.1016/j.trf.2022.11.002>

Gao, J. & Fagan, J. The Influence of Negative Perceptions of Legitimacy and Procedural Justice. Working paper.

Gao, J. & Zhao, J. (2018). Legitimacy vs. Morality: Why do the Chinese Obey the Law? *Law and Human Behavior*, 42, 167-180. <http://dx.doi.org/10.1037/lhb0000271>

Gao, J. & Zhao, J. (2016). Normative and Image Motivations for Compliance with Transportation Policy. *Urban Studies*, 54, 3318-3336. <http://dx.doi.org/10.1177/0042098016664829>

The Bidirectional Relationship Between Law and Algorithms in Urban Mobility:

Gao, J. Coordination as an Essential Component of Algorithmic Law: Insights from and Applications in Urban Mobility. Working Paper.

Gao, J. & Zhao, J. Will Juries Hinder Autonomous Vehicle Adoption? Experiments on the Impact of Novel Risk Bias and Algorithmic Aversion on Punitive Damages in Autonomous Vehicles Cases. Working Paper.

Gao, J. & Zhao, J. Are Technophiles More Punitive Toward New Technology? A Study of Punitive Damages Against Autonomous Vehicle Manufacturers. Working Paper

Disaggregate Travel Demand Models for Forecasting Autonomous Vehicle Ridership:

Mufti, T., Kornhauser, A.L., and **Gao, J.** (2014). Synthesis of Spatially & Temporally Disaggregate Person Trip Demand. Transportation Research board 93rd Annual Meeting.

Zachariah, J., **Gao, J.**, Kornhauser, A.L., and Mufti, T. (2014). Uncongested Mobility for All: A Proposal for an Area Wide Autonomous Taxi System in New Jersey. Transportation Research Board 93rd Annual Meeting.

Reports:

Gao, J., Aloisi, J., & Zhao, J. (2023). *Reducing the Cost of Procuring Electric Buses and Making More Effective Use of the Infrastructure Investment and Jobs Act Funding Through Federal Coordination*. Massachusetts Institute of Technology.

Gao, J., Aloisi, J., & Zhao, J. (2023). *Electric Bus Funding and Procurement: Supplemental Report for the Chicago Transit Authority*. Massachusetts Institute of Technology.

Kornhauser, A., Chang, I., Clark, C., **Gao, J.**, Korac, D., Lebowitz, B., Swoboda, A., Zachariah, J. (2013). *Uncongested mobility for all: New Jersey's area-wide aTaxi system*. Princeton University.

Editorial:

Gao, J. "To avert disaster, protect our natural resources." Editorial. *Times Union*. 31 July 2010. Available online at <http://www.timesunion.com/opinion/article/To-avert-disaster-protect-our-natural-resources-597682.php>

Book:

Qiqi. (Gao, J.) Qiqi's Journey to the West. Youth and Children's Publishing House. 2001.
奇奇. (高靖康). 奇奇编西游记. 少年儿童出版社. 2001.

SKILLS

Languages: Chinese (native)

BAR ADMISSION

New York (Admitted 2023)

SELECTED WORK EXPERIENCE

Massachusetts Institute of Technology, Department of Urban Studies and Planning, Cambridge, MA

Research Assistant: Chicago Transit Authority: Bus electrification policy and procurement (2023)

Teaching Assistant: 11.251 Frontier of Transportation Research (Also known as “Mobility Forum”)

Teaching Assistant: 11.540 Urban Transportation Policy and Planning

Research Assistant: JTL Urban Mobility Lab: Motivations for compliance with the law (2016-2017)

Princeton University, Dept of Civil and Environmental Engineering, Princeton, NJ

Summer Research Assistant

June 2011–

Aug. 2011

New York State Attorney General’s Office, Albany, NY

Consumer Frauds Mediator

May 2010–

July 2010

VOLUNTEER EXPERIENCE

Columbia Law School High School Law Institute, New York, NY

Volunteer Constitutional Law Teacher, Moot Court Competition Judge

Sept 2018–

March 2020

SERVICE

MIT Dept. of Urban Studies and Planning student representative on Ph.D. Committee

Fall 2022

Reviewer for *Cities*

2024–