

# Zhuoran Shang

No.5, Yiheyuan Road, Haidian District, Beijing, China 100871  
Website: <https://sites.google.com/view/zhuoranshang/>

(608) 960-1938  
[zhuoranshang@pku.edu.cn](mailto:zhuoranshang@pku.edu.cn)

## Employment

- **National School of Development, Peking University**—Beijing, China  
Postdoctoral Research Associate, Aug 2025 - Present

## Education

- **Syracuse University**—Syracuse, NY  
Ph.D., Economics, 2025  
Supervisor: Alexander Rothenberg  
*Courses: Urban economics sequence, International trade sequence*
- **University of Wisconsin-Madison**—Madison, WI  
M.S., Economics, 2019  
*Courses: Microeconomics, Macroeconomics, Econometrics, Program evaluation (graduate level)*
- **Jilin University**—Changchun, China  
B.A., Economics, 2016

## Research Fields

Urban and Regional Economics, Transportation, Applied Microeconomics

## Working Papers

- *"Infrastructure or Amenity: The Role of Bike Lanes"* (Job market paper)

I study the effects of Seattle bike lanes on commuting patterns and amenities from 2000 to 2012. Using reduced form estimations, I find that bike lanes encourage more people to bike but also contribute to increased car congestion. A hedonic approach reveals that bike lanes raise housing prices, highlighting their overall impact through channels including commuting and amenities. I develop a quantitative spatial model and estimate the amenity effect given recovered amenity fundamentals. The result implies that paved bike lane increases amenity levels, but shared bike lane does not. Counterfactual simulations indicate that building more bike lanes reduce aggregate welfare, as the rise in congestion outweighs the improvements in amenities.

Keywords: Bike lane, Commuting, Congestion, Amenity

## Work in Progress

- "How does Interstate Highway System affect commuting mode shares?"  
Keywords: Highway, Monocentric urban model, Street grid, Commuting

## Presentations

- Labor Group Meeting, Syracuse University, 2022.
- Applied Micro Seminar, Syracuse University, 2024.
- 14th European Meeting of the Urban Economics Association, Berlin, 2025.

## Research Experiences

- **Jilin University**—Changchun, China  
*Research Assistant, 2014*
- **Syracuse University**—Syracuse, NY  
*Research Assistant to Prof. Shafaat Yar Khan, 2024*  
-Data manipulation for project on non-tariff measures

## Teaching Experiences

- **Instructor, Syracuse University**  
*Intermediate Microeconomics, Summer 2022*
- **Teaching Assistant, Syracuse University**  
*Introduction to Microeconomics, Fall 2019, Spring 2020, Spring 2023*  
*International Trade Theory & Policy, Fall 2020*  
*Intermediate Macroeconomics, Spring 2021*  
*Intermediate Microeconomics, Fall 2021, Summer 2022, Fall 2022, Fall 2023*  
*Mathematical Economics, Spring 2022*  
*Economic Development of Africa, Fall 2022, Spring 2023*  
*Labor Economics, Spring 2024*  
*Topics in Health Economics, Spring 2024*

## Languages

- Chinese (Native), English (fluent)

## Citizenship

- China

## Skills

- **Software:** Stata, ArcGIS, Python (NumPy, Pandas, Geopandas), SQL

## References

**Professor Alexander Rothenberg**

Department of Economics  
Syracuse University  
(315) 443-3114  
[adrothen@syr.edu](mailto:adrothen@syr.edu)

**Professor Tidiane Ly**

Department of Economics  
Syracuse University  
(315) 443-2252  
[tvly@syr.edu](mailto:tvly@syr.edu)

**Professor Shafaat Yar Khan**

Department of Economics  
Syracuse University  
(585) 754-4818  
[skhan78@syr.edu](mailto:skhan78@syr.edu)

Last updated: September 29, 2025