

# Zeyi Qian

PhD Candidate · Economics · Urban and Trade

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## Education

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### Clark University

Worcester, Massachusetts

#### PhD in Economics

2021-2026 (Expected)

- Unproposed Dissertation: Quantitative Analysis on Spatial Distribution of Firms and International Trade
- Advisor: Dr. Junfu Zhang (Chair) and Dr. Kensuke Suzuki

### Clark University

Worcester, Massachusetts

#### MA in Economics

2021-2023

- Master En Route to PhD
- Advisor: Dr. Junfu Zhang

### Shanghai University

Shanghai, China

#### MA in Economics

2018-2021

- Dissertation: FDI and Survival of Host Country Enterprises: Evidence from Firm Registry Data
- Advisor: Dr. Qiangyuan Chen

### University of Toronto

Toronto, Ontario

#### International Visiting Graduate Student

2019-2020

- Joint Program with Shanghai University
- Advisor: Dr. Yao Luo

### Shanghai Ocean University

Shanghai, China

#### BA in Economics

2014-2018

- First-Ranked GPA in Major (International Trade) and Qualified Postgraduate Recommendation

## Selected Papers

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### Main

#### Trade and Spatial Distribution of Firms: Quantitative Analysis of Chinese Manufacturing, in progress

with Kensuke Suzuki and Junfu Zhang

**Abstract:** This paper studies the determinants of the spatial distribution of economic activities in China. Specifically, we focus on the different patterns of sectoral growth across Chinese provinces in the last two decades, followed by a series of dramatic policy reforms, including trade liberalization, infrastructure development, productivity growth, and relaxation of mobility restrictions for workers. To understand how those factors interact with each other to shape the spatial distribution of economic activities across regions and sectors, we develop a spatial general equilibrium model of international trade in the spirit of the Melitz-Chaney framework. We extend the heterogeneous firm model to a multi-sector and multi-region setup, incorporating rich sectoral and regional interactions. We bring the model to the data for the Chinese economy and simulate the counterfactual equilibria to account for the underlying mechanism of regional development.

#### Trade Shock and Dynamic Labor Allocation, in progress

**Abstract:** The early 21st century saw the U.S. economy undergoing a profound structural shift, driven by the “China shock” following China’s accession to the WTO. This trade shock initially significantly affected U.S. manufacturing, causing widespread job losses and economic disruption. However, contrary to expectations, the shock also accelerated the growth of the service sector, which emerged as a primary driver of economic expansion. A key mechanism behind this transformation was reducing labor relocation costs, enabling workers—particularly those with lower education levels—to switch industries and maximize their life utility. This adjustment not only offset the negative effects of the trade shock but also contributed to a re-optimization of labor market allocation. To understand this counterintuitive outcome, we develop a dynamic spatial model grounded in the frameworks of CDP and ACM. Our model integrates declining labor relocation costs with heterogeneity in workers’ education levels and labor mobility. Numerical exercises using a toy model show that reducing labor

relocation costs allows more low-educated workers to transition into the service sector. These findings highlight the critical role of declining labor relocation costs in mitigating trade shock impacts and achieving an optimal labor market allocation.

**Estimating Round-Tripping FDI from Firm-Level Data in China**, *International Studies of Economics*, 2024, 1–24. with Junfu Zhang and Qiangyuan Chen, DOI: <https://doi.org/10.1002/ise3.102>

## Others

**International Twin Cities and Chinese Export Activities (Chinese)**, *Economic Theory and Business Management*, 2022, (3), 137-155. with Qiangyuan Chen and Jingyu Yang

**The Man-Bear Race: A New Explanation of Regional Competition for China's High-Speed Rail Stations (Chinese)**, *South China Journal of Economics*, 2021, 40(2): 66-83. with Qiangyuan Chen, Zhenhuai Shi, and Xiaoping Li

**Promotion Effect of FDI on Enterprise Survival in Host Country—A Discussion on Industry Safety and Market Access of Foreign Investment (Chinese)**, *China Industrial Economics*, 2021, (7), 137-155. with Qiangyuan Chen, Yu Chen, and Zhenhuai Shi

## Presentations

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- 2024 Graduate Student Seminar, **Clark University**
- 2023 Chinese Economist Society North American Conference, **University of Oklahoma**; Graduate Student Seminar, **Clark University**
- 2022 Graduate Student Seminar, **Clark University**
- 2020 Camphor Economic Circle Seminar, **University of Chinese Academy of Social Sciences**  
Academic Forum on Regional Science and Urban Economics, **Shanghai University of Finance and Economics**;  
Shanghai Postgraduate Academic Forum, **University of Shanghai for Science and Technology**; Forum on Frontier  
2019 of International Trade Theory and Demonstration, **Southwestern University of Finance and Economics**; Urban  
Development Forum, **Renmin University of China**; Innovation Forum, **Shandong University of Finance and Economics**; National Development Youth Forum, **Peking University**

## Professional Experience

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### Teaching Assistant

- Spring 2025 ECON 160: Intro to Statistical Analysis, supervised by Dr. Magda Tsaneva (**Clark University**)
- Spring 2025 ECON 160: Intro to Statistical Analysis, supervised by Dr. Moshi Alam (**Clark University**)

### Research Assistant

- 2021-2024 supervised by Dr. Junfu Zhang, Dr. David Cuberes, Dr. Jon Denton-Schneider, and Dr. Kensuke Suzuki (**Clark University**)
- 2018-2021 supervised by Dr. Qiangyuan Chen (**Shanghai University/Renmin University of China**), and Dr. Yao Luo (**University of Toronto**)

## Awards, Fellowships, & Grants

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### Awards

- 2024 E. C. H. Veendorp Award, **Clark University** USD 0.5k
- 2023 Sheftel Travel Award, **Clark University** USD 0.6k
- 2021 Outstanding Graduate, **Shanghai University**
- 2014-2018 Outstanding Student, **Shanghai Ocean University**

## Fellowships

2021	Chinese Government Scholarship, <b>China Scholarship Council</b>	<i>USD 91.2k</i>
2019	National Scholarship, <b>Ministry of Education of China</b>	<i>CNY 20k</i>
2017	Shanghai Municipal Scholarship, <b>Shanghai Municipal Education Commission</b>	<i>CNY 8k</i>
2018-2021	Academic Scholarship, <b>Shanghai University</b>	<i>CNY 36k</i>
2014-2018	Renmin Scholarship, <b>Shanghai Ocean University</b>	<i>CNY 9.6k</i>

## Grants

2021-2024	NSFC Grant (72073093), <b>National Natural Science Foundation of China</b>	
2020	Joint Program Grant for Graduate Students Studying Abroad, <b>Shanghai University</b>	<i>CNY 10k</i>
2018	Shanghai Municipal Government Consulting Project Grant (2018-Z-D02), <b>Pudong New Area Government, Shanghai</b>	

## Language & Skills

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**Language:** Chinese (native), English (fluent)

**Computer:** Matlab, Julia, Stata, ArcGIS, Python (web crawling), R (basic)