

Qi Zhang

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EDUCATION

Ph.D. in Economics	University of Virginia	May 2026 (expected)
M.S. in Economics	Tufts University	May 2020
B.S. in Labor Economics & Social Security	Zhejiang University	May 2018

RESEARCH EXPERIENCE

RESEARCH INTERESTS: Applied Microeconomics, International Trade

Pollution Haven Next Door: Evidence from China (JMP)

- Built city–sector panels from firm microdata to evaluate China’s environmental regulation and cross-border leakage
- Estimated policy effects using synthetic difference-in-differences (SDID) and triple difference design; validated with pre-trend and placebo checks
- Found that polluting sectors decline in treated cities but rise in neighboring cities

The Empirics of Prior Appropriation in the Colorado River Basin

- Quantify links between water rights systems, productivity, and excess use among water structures in the Colorado River
- Constructed a geography-based IV in ArcGIS using river topology; ran 2SLS/IV-Probit with robust inference

ACADEMIC WORK, EXPERIENCE & SERVICE

Research Assistant, University of Virginia

- Prof. Peter Debaere 2023 -

Research Assistant, Tufts University

- Prof. Kyle Emerick 2019 - 2020

Teaching Assistant, University of Virginia

- Introduction to Econometrics SP 2024
- Intermediate Microeconomics SP 2023, FA 2024
- Principles of Macroeconomics SP 2022
- Principles of Microeconomics FA 2021, FA 2022, FA 2023

Teaching Assistant, Tufts University

- STATA Session FA 2019 - SP 2020
- Graduate Summer Math Camp SU 2019

HONORS AND AWARDS

Varkey Family Endowed Fellowship	Tufts University	2019
Department of Economics Summer Scholarship	Tufts University	2019

SKILLS

Technical Python, R, STATA, ArcGIS
Languages Chinese (native), English (fluent)