

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)