

# Chuanyi Guo

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## Academic Positions

**University of Kentucky**, Lexington, KY  
Research Assistant Professor, Martin School of Public Policy and Administration 2022 – present  
Postdoctoral Scholar, Martin School of Public Policy and Administration 2020 – 2022

**Duke University**, Durham, NC  
Visiting Research Fellow, Social Science Research Institute 2018 – 2020

## Education

Ph.D. Economics, University of Illinois at Chicago 2015 – 2020  
Certificate in Applied Data Analytics (Multi-State Administrative Data), Coleridge Initiative 2020  
Exchange Student Program (Economics), The Ohio State University 2013  
M.A. Economics, Zhongnan University of Economics and Law, China 2011 – 2014  
Bachelor of Commerce (Dual Degree), University of Southern Queensland, Australia 2009 – 2010  
B.A. Economics, Zhongnan University of Economics and Law, China 2007 – 2011

## Fields of Concentration

Primary Fields: Economics of Education, Public Economics, Labor Economics, Applied Econometrics  
Secondary Fields: State and Local Government, Development Economics, Machine Learning

## Working Papers

"The Impact of State Intervention on School District Fiscal Performance: Evidence from a Regression Discontinuity Design," 2022. Revision resubmitted.

"Does the Early Bird Catch the Worm? Evidence and Interpretation on the Long-Term Impact of School Entry Age in China" (with Xuening Wang and Chen Meng), 2022. Revision resubmitted.

"Pensions and the Labor Market for Public Employees: Evidence from Illinois" (with Darren Lubotsky, David Merriman, and Jason Ward), 2021.

"Teacher Quality, Family Inputs, and Student Outcomes: Evidence from Random Assignment of Students to Teachers," 2021.

"The Effect of Private Neighborhood Patrols on Crime: Evidence from Chicago" (with Agustina Laurito, Michael Siciliano, and Ahoura Zandiatashbar), 2021.

## Work in Progress

"The Labor Market Returns to Educational Pathways and Credential Length" (with Rajeev Darolia and Youngran Kim)

"Interstate Migration of College Students" (with Rajeev Darolia, Eugenia Toma, and Ron Zimmer)

"The Impact of Work Ready Kentucky Scholarship on Workforce" (with Rajeev Darolia and Ron Zimmer)

"The Impact of State Intervention on Student Achievement"

"The Impact of Kentucky's Performance Funding Policy on Enrollment, Credential Attainment, and Labor Market Outcomes" (with Rajeev Darolia and Youngran Kim)

## Policy Reports and Other Publications

### *Policy Reports*

"The Earnings and Employment of Certificate Earners in Kentucky" (with Rajeev Darolia and Youngran Kim), 2022. Report prepared for the Kentucky Council on Postsecondary Education.

"No Magic Bullet: Constructing a Roadmap for Illinois Fiscal Sustainability" (with David Merriman and Di Qiao), 2018. Institute of Government and Public Affairs, University of Illinois.

"Budget Enforcement Mechanisms" (with David Merriman), 2016. Institute of Government and Public Affairs, University of Illinois.

### *Peer Reviewed Journal Articles in Chinese*

"A Literature Review of Studies on Intergovernmental Vertical Tax Competition" (with Hongshu Hu), 2015. *Taxation Research (Shuiwu Yanjiu)*, No.11: 124-129. Published by the Chinese Tax Institute.

"The Impact of Intergovernmental Vertical Tax Competition on Tax Revenue Growth in China: Evidence from Provincial Panel Data" (with Hongshu Hu), 2014. *Business Management Journal (Jingji Guanli)*, No.12: 1-12. [Lead article.] Published by the Institute of Industrial Economics, Chinese Academy of Social Sciences. Sponsored by the Social Science Fund of Hubei Province in 2013.

"The Effect of Vertical Tax Competition: A Theoretical Model Based on Different Forms of Government" (with Hongshu Hu), 2014. *Taxation Research (Shuiwu Yanjiu)*, No.2: 88-92. Published by the Chinese Tax Institute.

"Chinese-Style Decentralization, Vertical Tax Competition, and Tax Revenue Growth: An Empirical Study Based on Equilibrium Analysis and Dynamic Panel Data" (with Hongshu Hu), 2013. *Business Management Journal (Jingji Guanli)*, No.10: 1-14. [Lead article.] Published by the Institute of Industrial Economics, Chinese Academy of Social Sciences. Reprinted in *Public Finance and Taxation (Caizheng Yu Shuiwu)*, No.1: 12-24, 2014. Published by the Information Center for Social Sciences, Renmin University of China.

## Teaching Experience

### *Course Instructor*

Public Policy Economics (Graduate), University of Kentucky

Spring 2022, 2023

Econometrics (Undergraduate), University of Illinois at Chicago

Summer 2019

*Lab Session Instructor*

Statistics for Economics (Undergraduate), University of Illinois at Chicago

Summer 2017

*Guest Lecturer*

Data Analysis: R and Stata (Graduate), University of Kentucky

Fall 2020, 2021, 2022

Teaching sessions on data cleaning, data visualization, and regression analysis using R and Stata

Regression Discontinuity Designs: Theory and Applications (Graduate)

Summer 2018

Invited by the Hubei Provincial Collaborative Innovation Center for Social Management of Urban and Rural Communities, Zhongnan University of Economics and Law

*Teaching Assistant*

International Economics (Undergraduate), University of Illinois at Chicago

Summer 2016

Intermediate Macroeconomics (Undergraduate), University of Illinois at Chicago Fall 2015, Spring 2016

**Honors and Awards**

Emerging Education Policy Scholar

2021

(Awarded by Thomas B. Fordham Institute and American Enterprise Institute)

Humane Studies Fellowship, Institute for Humane Studies at George Mason University

2019

Frédéric Bastiat Fellowship, The Mercatus Center at George Mason University

2019

Student Presenter Award, University of Illinois at Chicago Graduate College

2019, 2020

Roe L. Johns Travel Grant, Association for Education Finance and Policy

2019

Student Fellows Program Award, Public Choice Society

2019

Ph.D. Student Paper Competition Finalist, Illinois Economics Association

2017

Mitch Krask Award, Department of Economics, University of Illinois at Chicago  
(for Exceptional Academic Performance in Economics)

2017

Promising Graduate Researcher Award, Zhongnan University of Economics and Law

2014

Graduate Research Fellowship, Zhongnan University of Economics and Law

2014

Outstanding University Student, Hubei Provincial Department of Education, China

2013

China National Scholarship, Ministry of Education of the People's Republic of China 2008, 2009, 2013

Outstanding Undergraduate Dissertation, Hubei Provincial People's Government, China

2011

Dean's Commendation for Outstanding Performance, University of Southern Queensland

2010

**Professional Activities***Journal Referee*

Economics of Education Review, Education Finance and Policy, Journal of Public Administration Research and Theory, Review of Development Economics

*Service*

- Martin School of Public Policy and Administration, University of Kentucky 2020 – 2021  
Workshop Co-Organizer and Presenter, "Research Frontiers in Policy: Methodological Advances"
- Chinese Education Finance and Policy Association Oct. 2020  
Workshop Presenter, Professional Development Series, "Job Markets in the US and China"

*Advising*

- Dana Malo (University of Illinois at Chicago; Outstanding undergraduate student award winner)

**Presentations** (including scheduled)

*"The Impact of State Intervention on School District Fiscal Performance: Evidence from a Regression Discontinuity Design"*

- Institute of Economics of Education, Peking University Nov. 2021  
Martin School Seminar Series, University of Kentucky Oct. 2020  
School of Education, University of California, Irvine Apr. 2020  
Association for Budgeting and Financial Management Conference, Washington, DC Sept. 2019  
Public Management Research Conference, University of North Carolina at Chapel Hill June 2019  
44th Conference of Association for Education Finance and Policy, Kansas City, MO Mar. 2019  
56th Annual Meetings of the Public Choice Society, Louisville, KY Mar. 2019  
Public Lab Seminar, Department of Economics, Duke University Nov. 2018  
Public Administration Brown Bag Series, University of Illinois at Chicago Nov. 2018  
111th National Tax Association Annual Meeting (Poster), New Orleans, LA Nov. 2018  
40th APPAM Annual Fall Research Conference (Poster), Washington, DC Nov. 2018  
Economics Active Research Lunch (EARL), University of Illinois at Chicago Feb. 2018

*"Does the Early Bird Catch the Worm? Evidence and Interpretation on the Long-Term Impact of School Entry Age in China"*

- American Economic Association Annual Meeting, Philadelphia, PA Jan. 2018  
39th APPAM Annual Fall Research Conference (Poster), Chicago, IL Nov. 2017  
Economics Active Research Lunch (EARL), University of Illinois at Chicago Nov. 2017

*"Teacher Quality, Family Inputs, and Student Outcomes: Evidence from Random Assignment of Students to Teachers"*

- 46th Conference of Association for Education Finance and Policy (Virtual Conference) Mar. 2021  
American Economic Association Annual Meeting (Poster), San Diego, CA Jan. 2020  
Economics Active Research Lunch (EARL), University of Illinois at Chicago May 2019

*"The Effect of Private Neighborhood Patrols on Crime: Evidence from Chicago"*

- 42nd APPAM Annual Fall Research Conference (Virtual Conference) Nov. 2020

## Research Grants

Walton Family Foundation 2022 – 2025  
Investigator (PI: Rajeev Darolia and Ron Zimmer), "*Workforce-Aligned Educational and Employment Programs and Pathways*" (\$517,141).

Social Science Fund of Hubei Province, Hubei Provincial Department of Education, China 2013  
Principal Investigator (Co-PI: Hongshu Hu), "*The Impact of Intergovernmental Vertical Tax Competition on Tax Revenue Growth in China: Evidence from Provincial Panel Data*" (10,000 CNY).

Graduate Innovative Research Grant, Zhongnan University of Economics and Law 2012  
Principal Investigator, "*A Study on the Rapid Growth of China's Tax Revenue and Its Impact*" (3,000 CNY).