

# Pan Chen

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## Education

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Ph.D., Economics, University of Colorado at Boulder Advisor: Jonathan Hughes	May 2026 (Expected)
M.A., Economics, University of Colorado at Boulder	May 2023
M.A., Economics, Huazhong University of Science & Technology	May 2018
B.A., Economics, Huazhong Agricultural University	May 2015

## Research Interests

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Environment, Development, Economic History, Political Economy

## Publication

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Industrialization and Pollution: The Long-term Impact of Early-Life Exposure on Human Capital Formation, January 2025, *Journal of Public Economics*

## Working Papers

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Deciding to Participate: The Impact of Air Pollution on Civic Engagement in China

## Selected Works in Progress

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Illuminating the Future: The Long-Term Impacts of Childhood Exposure to Rural Electrification  
Text to Data: A Machine Learning Approach to Historical Chinese Documents (with Wolfgang Keller, Carol H. Shiue, and Sen Yan)

## Teaching Experience

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Instructor of Record Intermediate Macroeconomic Theory, CU Boulder Average Teaching Evaluation Score: 4.94/6	Spring 2024
Teaching Assistant Principles of Microeconomics, CU Boulder Average Teaching Evaluation Score: 5.15/6	Fall 2021–2023

## Research Experience

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Research Assistant Reporting to Prof. Carol Shiue, CU Boulder	Summer 2022 & 2024
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## Presentations

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25th Annual CU Environmental and Resource Economics Workshop, Colorado	2024
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24th Annual CU Environmental and Resource Economics Workshop, Colorado	2023
Chinese Economists Society (CES) Annual China Conference, Hefei China	2018
National Graduate Students in Economics Annual Conference, Wuhan China	2018

### **Honors & Awards**

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Third Year Paper Prize, CU Boulder	2024
Graduate Award for Public Policy Research, CU Boulder	2023

### **Skills & Language**

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Software: Stata, MATLAB, Python, ArcGIS, Google Earth Engine

Language: English (Fluent), Chinese (Native)