

# 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 Human Capital Effects of 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 Principles of Macroeconomics, CU Boulder Average Teaching Evaluation Score: 4.98/6	Fall 2021–2023, Fall 2024 Spring 2025

## 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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ASSA Annual Meeting, Pennsylvania	2026 (Scheduled)
AERE Summer Conference, New Mexico	2025
25th Annual CU Environmental and Resource Economics Workshop, Colorado	2024
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

## **Referee Service**

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*Journal of Environmental Economics and Management*

## **Honors & Awards**

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Graduate School Summer Fellowship, CU Boulder	2025
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)