

PAN CHEN

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| Education | University of Colorado Boulder Ph.D. Economics, 2021 to 2026 (expected) University of Colorado Boulder M.A. Economics, 2021 to 2023 Huazhong University of Science & Technology, China M.A. Economics, 2015 to 2018 Huazhong Agricultural University, China B.A. Economics (with distinction), 2011 to 2015 |
| Fields | Primary: Environment, Development, Economic History Secondary: Political Economy, Productivity |
| Publication | Industrialization and Pollution: The Long-Term Impact of Early-Life Exposure on Human Capital Formation, January 2025, <i>Journal of Public Economics</i> |
| Working Papers | Deciding to Participate: The Impact of Air Pollution on Civic Engagement in China Powering the Future: The Long-Term Human Capital Effects of Rural Electrification (Job Market Paper) |
| Papers in Progress | Text to Data: A Machine Learning Approach to Historical Chinese Documents (with Wolfgang Keller, Carol Shiue, and Sen Yan) Environmental Regulation and Within-Firm Adjustments in Multi-Process Manufacturing (with Feitao Jiang and Yingjun Su) |
| Teaching | Instructor of Record Intermediate Macroeconomic Theory, CU Boulder, spring 2024 Teaching Assistant Natural Resource Economics, CU Boulder, fall 2025 Environmental Economics, CU Boulder, fall 2025 Principles of Microeconomics, CU Boulder, fall 2021 to fall 2023, fall 2024 Principles of Macroeconomics, CU Boulder, spring 2025 |
| Research | Research Assistant, reporting to Professor Carol Shiue, CU Boulder, summer 2022 & 2024 |
| Employment | WISDRI Engineering & Research Incorporation Limited, China, economic analyst – iron and steel industry, 2018 to 2021 |
| Presentations | ASSA Annual Meeting, Philadelphia, 2026 (scheduled) Association of Environmental and Resource Economists (AERE) Summer Conference, Santa Ana Pueblo, 2025 14th Annual Front Range Energy and Environmental Economics Camp, Boulder, 2025 |

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

Referee Service *Journal of Environmental Economics and Management*

Honors & Awards Graduate School Summer Fellowship, CU Boulder, 2025
Third Year Paper Prize, CU Boulder, 2024
Graduate Award for Public Policy Research, CU Boulder, 2023

Skills & Languages Software: Stata, MATLAB, Python, ArcGIS, Google Earth Engine
Languages: English (fluent), Chinese (native)

Citizenship Chinese

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| References | Jonathan Hughes (Advisor) Department of Economics University of Colorado Boulder 256 UCB Boulder, CO 80309 Email: jonathan.e.hughes@colorado.edu | Tania Barham (Committee member) Department of Economics University of Colorado Boulder 256 UCB Boulder, CO 80309 Email: tania.barham@colorado.edu |
| | Taylor Jaworski (Committee member) Department of Economics University of Colorado Boulder 256 UCB Boulder, CO 80309 Email: taylor.jaworski@colorado.edu | Daniel Kaffine (Committee member) Department of Economics University of Colorado Boulder 256 UCB Boulder, CO 80309 Email: daniel.kaffine@colorado.edu |