

Shuang Zhang

Economics & Public Policy, Imperial College London

Email: s.zhang@imperial.ac.uk

CURRENT APPOINTMENTS

2022- Associate Professor of Economics, Imperial College London

PREVIOUS APPOINTMENTS

2020-2022 Associate Professor of Economics (with tenure), University of Colorado Boulder

2020-2022 Faculty Research Fellow, NBER (Environment and Energy Economics)

2013-2020 Assistant Professor of Economics, University of Colorado Boulder

2012-2013 SIEPR Postdoctoral Fellow, Stanford University

EDUCATION

Ph.D. in Economics, Cornell University, 2012

M.A. in Economics, Fudan University, China, 2007

B.A. in Economics (*with distinction*), Shanghai University of Finance and Economics, China, 2004

PUBLICATIONS

“Do Consumers Distinguish Fixed Cost from Variable Cost? “Schmeduling” in Two-Part Tariffs in Energy” (with Koichiro Ito)

American Economic Journal: Economic Policy, conditionally accepted.

“Bitcoin and Carbon Dioxide Emissions: Evidence from Daily Production Decisions” (with Anna Papp and Douglas Almond).

Journal of Public Economics, November 2023, 227.

“Carbon Trading Pilot Programs in China and Local Air Quality” (with Douglas Almond).

AEA Papers and Proceedings, May 2021, 111: 391-395.

“Ambiguous Air Pollution Effects of China’s COVID-19 Lock-down” (with Douglas Almond, Xinming Du and Valerie Karplus).

AEA Papers and Proceedings, May 2021, 111: 376-380.

“Willingness to Pay for Clean Air: Evidence from Air Purifier Markets in China” (with Koichiro Ito).

Journal of Political Economy, 2020, 128 (5): 1627-1672. (Lead Article)

“Land Reform and Sex Selection in China” (with Douglas Almond and Hongbin Li).

Journal of Political Economy, 2019, 127 (2): 560-585.

“The Limits of Political Meritocracy: Screening Bureaucrats Under Imperfect Verifiability” (with Juan Carlos Suárez Serrato and Xiao Yu Wang).

Journal of Development Economics, 2019, 140: 223-241.

“Quantifying Coal Power Plant Responses to Tighter SO₂ Emissions Standards in China” (with Valerie Karplus and Douglas Almond).

Proceedings of the National Academy of Sciences, 2018, 115 (27): 7004-7009.

“The Effects of High School Closure on Education and Labor Market Outcomes in Rural China”.

Economic Development and Culture Change, 2018, 67 (1): 171-191.

WORKING PAPERS and WORK IN PROGRESS

“Evaluating China’s National Carbon Emission Trading Scheme” (with Douglas Almond)

“Microclimate Risks and Urban Businesses” (with Jianwei Xing, Kangkai Wang, Hua Zhang and Eric Zou)

“Improved Environmental Inspections in China and Their Effects” (with Douglas Almond)

“Dynamic Pricing of Electricity and Demand for EVs” (with Koichiro Ito)

GRANTS AND AWARDS

J-PAL King Climate Action Initiative Research Grant, “Improved Environmental Inspections in China and Their Effects”, Co-PI (with Douglas Almond), 2022-2025: \$158,510.

National Science Foundation Award (#SES-1658888), “Collaborative Research: Market Based Emissions Policies in China”, PI (with Douglas Almond), 2017-2020: \$545,403.

EPIC-UCAS Center for Energy Policy Research in China Research Award (with Koichiro Ito), 2019.

Columbia University ISERP Seed Grant (with Douglas Almond), 2019-2020.

Chiang Ching-Kuo Foundation Junior Scholar Grant, 2014 and 2017.

Social Science Research Council International Dissertation Research Fellowship, 2010 (declined)

Cornell University Doctoral Research Grant Competition Award, 2010

Cornell University Lam Family Award for South China Field Research, 2009

KEYNOTE LECTURES

ZEW 11th Mannheim Conference on Energy and the Environment, May 2023

INVITED PRESENTATIONS AND DISCUSSIONS

2020- UC Berkeley, Columbia University, Wharton, Princeton, UBC, Arizona State University, Michigan State University, University of Pittsburgh, University of Oxford, University of Cambridge, University of Geneva, Paris School of Economics, Toulouse School of Economics, Sciences Po, LSE, ETH Zurich, University of Michigan (Ross)

2018-19 NBER Environment and Energy Economics Program Meeting, MIT Sloan China Seminar, Cornell Environmental Economics Seminar, UIUC Seminar (Agricultural and Consumer Economics), Environmental Defense Fund (NYC), University of Kyoto, Duke Kunshan University, Peking University, Tsinghua University

- 2017-18 NBER Summer Institute in Environment and Energy Economics, University of Chicago EPIC Seminar, MIT Sloan Seminar, NBER Environment and Energy Economics Program Meeting (discussant), NBER Chinese Economy Meeting, Barcelona GSE Summer Forum, Columbia University Sustainable Development Seminar, Stanford SIEPR Young Scholars Conference, ASSA Annual Meeting (Philadelphia)
- 2016-17 NBER Chinese Economy Meeting (discussant), China Summer Institute (HKUST), ASSA Annual Meeting (Chicago), University of Heidelberg, IZA/SOLE Transatlantic Meeting of Labor Economics, University of South Florida, Shanghai Jiao Tong University
- 2015-16 NBER Environment and Energy Economics Program Meeting, NBER/BREAD Development Program Meeting, NBER Chinese Economy Meeting, Stanford SIEPR Young Scholars Conference, Stanford Center for International Development Conference on Health, Demography, and Aging in China
- 2014-15 MIT Sloan (China Environment and Energy Program), NBER Chinese Economy Meeting (discussant), Harvard China Economy Seminar, Cornell Development Seminar, Asian Family in Transition Initiative Conference (University of Chicago Center in Hong Kong), University of Hong Kong, CUNY Queens, Fudan University
- 2013-14 Harvard China Economy Seminar, NBER Conference on the Economics of Environmental Protection in China, ASSA Annual Meeting (Philadelphia), NEUDC (Harvard), PacDev (UCLA), Conference on Chinese Economy (Fudan), Asian Meeting of the Econometric Society (Taipei), Stanford Asia Health Policy Seminar, Barcelona GSE Summer Forum
- 2012-13 NBER Cohort Studies Meeting, Worldbank Development Research Group Seminar, SOLE (Boston), ASSA Annual Meeting (San Diego), Stanford SCID Seminar, Stanford Asia Health Policy Seminar, SIEPR Young Scholar Conference
- 2011-12 NEUDC (Yale), Conference on Health, Education and Welfare Programs in China, Stanford SIEPR, Colorado Boulder, Williams College, Rutgers, NUS, University of Tokyo

VISITING POSITIONS

- 2023 Einaudi Institute for Economics and Finance (EIEF), Rome, Italy
- 2020-2021 China Europe International Business School
- 2018-2019 Becker Friedman Institute, University of Chicago ; NYU Shanghai
- 2015 Harvard Labor and Worklife Program, Harvard University

PROFESSIONAL SERVICES

Editorial service: Associate Editor, *Journal of Development Economics*

Referee:

Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, American Economic Journal: Applied, American Economic Journal: Policy, Review of Economics and Statistics, Journal of Public Economics, Economic Journal, Journal of Labor Economics, Journal of

Human Resources, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Journal of Development Economics, Journal of Economic Behavior & Organization, Journal of Economic History, Economic Development and Cultural Change, Journal of Comparative Economics, National Science Foundation, Hong Kong Research Grants Council.

Scientific committee:

International Workshop on Empirical Methods in Energy Economics, ETH Zurich, 2024

Econometric Society European Meetings, 2024

Econometric Society Asian Meeting, 2024

Mentoring:

RES Mentoring Program: Mentor female early career researchers, 2023

PRESS COVERAGE OF RESEARCH

"Saving Coal - One Bitcoin at a Time", Berkeley Energy Institute Blog (by Maximilian Auffhammer), 2023.

"Pollution by the numbers", Brookings Op-Ed (by Kaushik Basu), 2018.

"Checking China's Pollution, by Satellite", MIT News, 2018.

"Some good news on China's air pollution fight, but it comes with a warning", *South China Morning Post*, June 2018.

"How much Chinese are willing to pay for cleaner air", *Wall Street Journal*, July 2016.

"How much will people pay for clean air? Evidence from China", *Forbes*, July 2016.

"Price of cleaner air in China? \$213 for five years, study shows", *Bloomberg*, July 2016.

"Fudge-ocracy: the way to get ahead in China is to manipulate statistics", *Economist*, March 2016.

TEACHING

Imperial College London: Quantitative Methods, Health and Environment, PhD course on Environmental and Resource Economics

University of Colorado Boulder: Health Economics, Global Health, Economic Development of China, Honors Thesis Seminar

China Europe International Business School: MBA Health Economics

NYU Shanghai: Economic Development of China

Stanford University: Economic Development of China