Fanyu Wang

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EDUCATION

Columbia University   New York, NY, U.S.
Ph.D. in Sustainable Development   Aug 2022 – Present

Duke University   Durham, NC, U.S.
Duke Kunshan University   Kunshan, China
Master of Environmental Policy   Aug 2017 – May 2019

Xiamen University   Xiamen, China
Bachelor of Economics, Mathematical Economics   Sep 2011 – Jul 2015
Bachelor of Management, Public Administration   Sep 2011 – Jul 2015

Working Paper

Guojun He, Da Huang, Fanyu Wang. The Environmental Impact of Ultra-High Voltage Transmission: Evidence from China.

WORK IN PROGRESS

- How Public Information Disclosure Shapes Household Demand for Water Lead Mitigation and Exposure Assessment *(with Siyuan Hu)*
  Presented at: CU SDEV Colloquium (2025-12), Social Cost of Water Pollution Workshop (2025-09), CU IPWSD (2025-04), CU SDEV Colloquium (2025-02).

- Encouraging Participation in Lead Service Line Replacement in Disadvantaged Communities *(with Siyuan Hu and Robert Metcalfe)*

- The Impacts of the Pause of Air Quality Reporting at US Embassies/Consulates *(with Douglas Almond, Allen Huang, and Zoey Yiyuan Zhou)*

- The Impacts of AI Capability and Reliability on Labor Market *(with Junho Choi)*

- The Environmental Impacts of Data Centers *(with Junho Choi)*

REASEARCH ASSISTANCE

Columbia University   New York, NY, U.S.
Using Weather Forecasts to Identify Economic Behavior. PI: Jeffery Shrader.   Jun 2024 – Feb 2025

Energy Policy Institute of the University of Chicago (China)   Beijing, China
Pre-doctoral Fellow. PI: Guojun He and Shaoda Wang.   May 2020 – Jun 2022

Duke Kunshan University   Kunshan, China
Research Assistant. PI: Junjie Zhang.   Dec 2017 – Sep 2020

Université de Montréal   Montréal, Canada
Mitacs Globalink Research Intern. PI: Erick Lachapelle   Jun 2014 – Sep 2014

Xiamen University   Xiamen, China
Research Assistant. PI: Yu Ding.   Mar 2013 – Jan 2014

TEACHING

Columbia University   New York, NY, U.S.
Introduction to Econometrics (Seyhan Erden)   Fall 2025
Econometrics II (Master's, Tassos Magdalinos)   Spring 2025
Econometrics I (Master's, Seyhan Erden)   Fall 2024
Challenges of Sustainable Development (Lisa Dale)   Spring 2024
Economics of Uncertainty and Information (Pierre Andre Chiappori)   Fall 2023

Duke Kunshan University   Kunshan, China
Environmental Economics (Master's, Junjie Zhang)   Fall 2019, Fall 2018
Summer Boot Camp in Data Analysis   Aug 2019

Grants, Fellowships, and Awards

SLII Pilot, Jameel Poverty Action Lab ($50,000, with Robert Metcalfe and Siyuan Hu)   2025–2026
ISERP Seed Grant, Columbia University ($31,980, with Robert Metcalfe)   2025–2026
CELSS Graduate Student Research Grant, Columbia University ($1,500)   2025
CEEP Graduate Student Research Grant, Columbia University ($6,400)   2025
CEEP Graduate Student Research Grant, Columbia University ($5,376)   2024
Doctoral Fellowship, Columbia University   2022–present
Pre-doctoral Fellowship, Energy Policy Institute at the University of Chicago   2020–2022
Highest Achieving Student Award, Master of Environmental Policy, Duke University   2019
Bayeco Environment Scholarship, Duke Kunshan University   2018, 2017
Outstanding Graduate Honor, Xiamen University   2015
First-class Scholarship in Economics and Finance, Xiamen University   2015
Outstanding Merit Student Honor, Xiamen University   2014, 2013, 2012
Mitacs Globalink Research Intern Award   2014
National Scholarship, Ministry of Education   2012

Service

Referee: Journal of Public Economics, China Economic Review.

Other Academic Service:
Co-organizer, Interdisciplinary PhD Workshop in Sustainable Development, 2025

Other Information

Programming: Python, Stata, R, ArcGIS, MatLab, Git, Asymptote
Languages: Native Mandarin; proficient in English.

References

Robert Metcalfe, rdm2176@columbia.edu
Professor, School of International and Public Affairs, Columbia University

Douglas Almond, da2152@columbia.edu
Professor, School of International and Public Affairs & Department of Economics, Columbia University

Jeffery Shrader, jgs2103@columbia.edu
Associate Professor, School of International and Public Affairs, Columbia University