

SIYUAN HU 胡思远

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(805) 568-8016

EDUCATION

University of Wisconsin-Madison Ph.D. in Agricultural & Applied Economics	Madison, WI 2027 (Expected)
Johns Hopkins University M.A. in International Economics	Washington, D.C. 2021
University of Arizona M.A. in East Asian Studies	Tucson, AZ 2019
UC Santa Barbara B.A. in Japanese Language & B.S. in Mathematics	Santa Barbara, CA 2017

AFFILIATIONS

Institute for Research on Poverty, University of Wisconsin-Madison Graduate Research Fellow	2025 – Present
U.S. Census Bureau Special Sworn Status	2024 – Present
Association of Environmental and Resource Economists Member	2022 – Present

RESEARCH EXPERIENCE

University of Wisconsin-Madison Project co-PI	Madison, WI 2022 – Present
Energy Policy Institute, University of Chicago Pre-doctoral Fellow	Beijing, China 2021 – 2022
Johns Hopkins University ETAPA Research Scholar	Washington, D.C. 2020 – 2022

TEACHING EXPERIENCE

University of Wisconsin-Madison “The Environment and the Global Economy” - Student Rating: 4.67/5.00	Madison, WI Spring 2024
University of Arizona “World of Buddhism” “Japanese Anime and Visual Culture” “Zen Buddhism” “Gods, Goddesses, and Demons: Divinity in South Asia” “Introduction to Japanese Language and Linguistics” “World of Buddhism”	Tucson, AZ Spring 2019 Fall 2018 Fall 2018 Spring 2018 Spring 2018 Fall 2017

RESEARCH INTERESTS

Primary fields: Behavioral, Environmental, Experimental, Urban Economics
Secondary fields: Political Economy, Life Cycle Assessment

PUBLICATIONS

[“Quantifying land use requirements and efficiency of solar photovoltaic farms in the Western United States,”](#) (with Rebecca R. Hernandez, Jeya Maria Jose, Vishal Patel, Yinong Sun, and Sarah M. Jordaan)
Communications Earth & Environment 6, 1006 (2025).

OTHER PUBLICATIONS

[“China’s ‘dynamic zero COVID-19 strategy’ will face greater challenges in the future,”](#)
(with Juncheng Cai, Qiuyan Lin, Tao Ren, and Libin Chen)
Journal of Infection 85, E13-E14 (2022).

WORKING PAPERS

[“Behind the Concrete Curtain: Restrictive Zoning and Neighborhood Air Quality,”](#) (with Mingxuan Fan and Corbett A. Grainger)

[“Hyperscale Data Centers and Local Housing Markets,”](#) (with Liu Ee Chia, Mingxuan Fan, and Qiang Wang)

“Know Thy Pipes: How Public Information Disclosure Shapes Household Demand for Lead Mitigation,” (with Fanyu Wang)

WORK IN PROGRESS

“Gaming the Tap: Strategic Monitoring in the U.S. Drinking-Water System,” (with Fanyu Wang)

“Lead Exposure and the Erosion of U.S. Human Capital,” (with Nathaniel Hendren, Robert D. Metcalfe, and Fanyu Wang)

“Racial Equity and Community Health through Lead Water Service Line Replacement: Evidence from a Community-Led Randomized Trial in NYC,” (with Robert D. Metcalfe and Fanyu Wang)

“Tail Risk in Electricity Supply and Housing Prices: Evidence from ERCOT,” (With Douglas Almond, Steven L. Puller and Fanyu Wang)

GRANTS & AWARDS

TOTAL: \$140,150+

Abdul Latif Jameel Poverty Action Lab, MIT
U.S. State and Local Innovation Initiative Pilot Grant (\$90,000, with Robert Metcalfe and Fanyu Wang) 2025

Columbia University
CELSS Graduate Student Experimental Project Grant (\$1,500, with Fanyu Wang) 2025

ISERP Seed Grant (\$32,000, with Robert Metcalfe and Fanyu Wang) 2025

CEEP Student Research Grant (\$6,400, with Fanyu Wang) 2025

CEEP Student Research Grant (\$5,000, with Fanyu Wang) 2024

University of Wisconsin-Madison

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AAE Department Research Presentation Award (\$1,600) 2026
AAE Department Research Presentation Award (\$1,000) 2025
AAE Department Research Award (\$1,000, with Fanyu Wang) 2025
AAE Outstanding Teaching Assistant Prize (\$250) 2024
AAE Department Research Award (\$1,000, with Fanyu Wang) 2024
AAE Department Research Travel Grant (\$250) 2024
Graduate School Fellowship 2022 – 2023

The American Center for Life Cycle Assessment
1st Prize Student Poster Award (\$150) 2022

Johns Hopkins University
ERE Summer Research Fellowship 2020

CONFERENCE PRESENTATIONS AND SEMINARS

Akita University (J-TREE Regional Workshop); MEA Annual Conference;
WEAI Annual Conference 2026
2025

Columbia University (IPWSD); Stanford University (Behavioral Public
Economics Boot Camp); Resources for the Future (Eighth Annual Social
Cost of Water Pollution Workshop) 2024

University of Wisconsin-Madison (Research Bazaar); Columbia University
(IPWSD) 2021

The American Center for Life Cycle Assessment Conference

OTHER INFORMATION

Referee for: Land Economics (1x)

Programming: ArcGIS Pro, Google Suite (AI Studio, Colab), HTML, QGIS, R

Languages: English (fluent), Japanese (advanced), Mandarin (native)

REFERENCES

Professor Corbett A. Grainger (Chair)

AAE

University of Wisconsin-Madison

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Professor Rhiannon Jerch

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Professor Robert D. Metcalfe

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