

SIYUAN HU 胡思远

<https://siyuanhu.com>

shu248@wisc.edu

(805) 568-8016

EDUCATION

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

AFFILIATIONS

University of Wisconsin-Madison	
Graduate Research Fellow, Institute for Research on Poverty	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	Madison, WI
Research Assistant	2024 – Present
Energy Policy Institute at the University of Chicago – China	Beijing, China
Pre-doctoral Fellow	2021 – 2022
Johns Hopkins University	Washington, D.C.
ETAPA Research Scholar	2020 – 2022

TEACHING EXPERIENCE

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

RESEARCH INTERESTS

Primary fields:	Environmental Economics, Urban Economics, Political Economy
Secondary fields:	Health Economics, Life Cycle Assessment (Energy Systems)

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)

Accepted, *Communications Earth & Environment*

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).

WORK IN PROGRESS

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

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

“Information on Lead Pipes and Housing Market Equilibrium,” (with Daryl Fairweather, Robert D. Metcalfe, and Fanyu Wang)

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

“Lead in the Water, a Risk in the Pipes: The Value of Information on Lead Service Lines,” (with Fanyu Wang)

GRANTS & AWARDS

TOTAL: \$134,769+

Abdul Latif Jameel Poverty Action Lab

U.S. State and Local Innovation Initiative Pilot Grant (\$89,239.72, with Robert Metcalfe and Fanyu Wang)	2025
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Columbia University

CELSS Graduate Student Experimental Project Grant (\$1,500, with Fanyu Wang)	2025
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ISERP Seed Grant (\$31,980, with Robert Metcalfe and Fanyu Wang)	2025
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CEEP Student Research Grant (\$6,400, with Fanyu Wang)	2025
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CEEP Student Research Grant (\$5,000, with Fanyu Wang)	2024
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University of Wisconsin-Madison

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

Columbia University (IPWSD); Stanford University (Behavioral Public Economics Boot Camp); Resources for the Future (Eighth Annual Social Cost of Water Pollution Workshop) 2025

University of Wisconsin-Madison (Research Bazaar); Columbia University (IPWSD) 2024

The American Center for Life Cycle Assessment (ACLCA Conference) 2021

OTHER INFORMATION

Programming: R, Stata, ArcGIS Pro, QGIS, HTML

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

REFERENCES

Professor Corbett A. Grainger (Chair)
Department of Agricultural & Applied Economics
University of Wisconsin-Madison
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Professor Christopher D. Timmins
Wisconsin School of Business
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Professor Robert D. Metcalfe
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Professor Rhiannon Jerch
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