

SIYUAN HU 胡思遠

<https://siyuanhu.com>

shu248@wisc.edu

(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

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”	Tucson, AZ Spring 2019, Fall 2017 Fall 2018 Fall 2018 Spring 2018 Spring 2018

RESEARCH INTERESTS

Primary fields: Behavioral, Environmental, Experimental, Urban Economics
Secondary fields: Development, 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

[“Zoning and Neighborhood Air Quality: Evidence from HOLC Boundaries,”](#) (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)

“Willingness to Pay for Political Homophily: Evidence from U.S. Housing Markets,” (with Yifei Liu and Fanyu Wang)

GRANTS & AWARDS

TOTAL: \$142,350+

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

SIYUAN HU 胡思遠

<https://siyuanhu.com>

shu248@wisc.edu

(805) 568-8016

University of Wisconsin-Madison	
Graduate School Fellowship	2026 – 2027
AAE Department Research Presentation Award (\$700)	2026
Graduate School Student Research Grants Competition (\$1,500)	2026
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; AREUEA National Conference; University of Chicago (Price Theory Summer Camp); Nanjing University of Finance and Economics (CAERE Annual Conference); WEAI Annual Conference; Southwestern University of Finance and Economics (CES Annual Conference)	2026
Columbia University (IPWSD); Stanford University (Behavioral Public Economics Boot Camp); Resources for the Future (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 Conference	2021

OTHER INFORMATION

Referee for:	Journal of Policy Analysis and Management (1x), Land Economics (1x)
Programming:	ArcGIS Pro, Google Suite (AI Studio, Colab), QGIS, R
Languages:	English (Fluent), Japanese (Advanced), Mandarin (Native)

REFERENCES

Professor Corbett A. Grainger (Chair) AAE University of Wisconsin-Madison corbett.grainger@wisc.edu	Professor Rhiannon Jerch AAE University of Wisconsin-Madison rhiannon.jerch@wisc.edu
Professor Robert D. Metcalfe SIPA	Professor Daniel J. Phaneuf AAE

SIYUAN HU 胡思遠

<https://siyuanhu.com>

shu248@wisc.edu

(805) 568-8016

Columbia University
rdm2176@columbia.edu

University of Wisconsin-Madison
dphaneuf@wisc.edu

Professor Christopher D. Timmins
Wisconsin School of Business
University of Wisconsin-Madison
ctimmins@wisc.edu