

# Xiaochen Sun

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## Academic Appointment

Assistant Professor of Economics, New Mexico State University, 2024-present

## Education

Ph.D. in Public Policy and Management, Carnegie Mellon University, 2024

Dissertation Committee: Karen Clay (co-chair), Edson Severnini (co-chair), Akshaya Jha

M.S. in Environmental Economics and Policy, Duke University, 2015

B.A. in Environmental Economics, Renmin University of China, 2013

## Research Interests

Energy and Environmental Economics, Public Economics, Empirical Industrial Organization

## Research

### *Peer-Reviewed Publications*

"Does LEED Certification Save Energy? Evidence from Retrofitted Federal Buildings", joint with Karen Clay and Edson Severnini, *Journal of Environmental Economics and Management* 121: 102866, 2023. (NBER Working Paper No. 28612 and IZA Discussion Paper No. 14211)

\* Also featured in NBER Research Spotlight, 7/15/2021

### *Working Papers*

"Impacts of Uncertainty in Transmission Interconnection on Energy Transition"

\* Winner of the 2024 USAEE Young Professional Best Paper Award Competition

### *Work in Progress*

"Can Place-Based Incentives Accelerate the Energy Transition? Evidence from the IRA's Energy Community Tax Credits", joint with Gaurav Doshi and Jancy Ling Liu

"Impact of a Cap-and-Trade Program on Local Air Pollution: Evidence from the Acid Rain Program", joint with Karen Clay and Edson Severnini

## Conference and Seminar Presentations

<sup>†</sup> Presented by coauthors

2025: ASSA Annual Meeting (San Francisco, CA), AERE Annual Summer Conference<sup>†</sup> (Albuquerque, NM, scheduled)

2024: USAEE Annual Conference (Baton Rouge, LA), AERE Annual Summer Conference (DC), New Mexico State University, Pomona College, Miami University – Oxford

2023: Carnegie Mellon University (Heinz Informal Lunch Series), Carnegie Mellon Electricity Industry Center, Property and Environment Research Center (PERC), Empirical Methods in Energy Economics Annual Workshop (Yale)

2022: Northeast Workshop on Energy Policy & Environmental Economics (Carnegie Mellon University), AERE Annual Summer Conference (Miami, FL)

2021: AERE Annual Summer Conference (virtual), APPAM (virtual), Midwest Energy Fest (virtual), 1st Workshop in Applied Microeconomics of Association for Mentoring & Inclusion in Economics (AMIE) (virtual)

## Grants, Fellowships and Awards

2024: Winner of 41st USAEE Young Professional Research Competition

2023: PERC Graduate Fellowship

2022: Carnegie Mellon University Graduate Student Assembly / Provost Conference Funds

2021: AMIE Mentee

2019: Attendee, Berkeley/Sloan Summer School in Environmental and Energy Economics

## Teaching Experience

### *New Mexico State University*

ECON 312 Intermediate Microeconomics Theory: Fall 2024, Spring 2025, Fall 2025

ECON 2110G Principles of Macroeconomics: Fall 2024, Fall 2025

ECON337V Natural Resource Economics: Spring 2025

## Service and Activities

### *Referee*

AERE Summer Conference, Nature Communications

### *EASIB, New Mexico State University*

2025: Undergraduate (UG) Economics (ECON) Program Assessment

2024 - 2025: UG ECON Faculty Advisor

2024: Doctor of Economic Development (DED) Qualifying Exam #1 Microeconomic Theories Grading Member

## Other

### *Previous Employment*

Research Analyst, Duke University Energy Initiative, 2015 - 2018

Research Intern, Smart Electric Power Alliance, 2015

Energy Research Fellow, Greenpeace, 2014

### *Other Information*

Software: Stata, Python, R, Matlab

Affiliations: American Economic Association (AEA), Association of Environmental and Resource Economists (AERE), United States Association for Energy Economics (USAEE)

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