

**XIAOCHEN SUN**  
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*Curriculum Vitae*  
October 2023

## **EDUCATION**

Carnegie Mellon University, Pittsburgh, PA	2018 – 2024 (expected)
Ph.D. Public Policy and Management	
<i>Advisors:</i> Karen Clay (co-chair), Edson Severnini (co-chair), and Akshaya Jha	
Duke University, Durham, NC	2013 – 2015
M.S. Environmental Economics and Policy	
Certificate of Sustainable System Analysis	
Renmin University of China, Beijing, China	2009 – 2013
B.A. Environmental Economics	

## **RESEARCH INTERESTS**

Environmental and Energy Economics, Public Economics, Empirical Industrial Organization

## **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**

(Pre-PhD) “Introductory Paper: A Comparison of Recent IEA and OPEC Outlooks for the sixth IEA IEF OPEC Symposium on Energy Outlooks,” with Duke University Energy Initiative, International Energy Forum, Saudi Arabia, 2016.

## **WORK IN PROGRESS**

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

The Challenge: Impacts of Dynamic Signaling on Interconnection Decision (Job Market Paper)

## PRESENTATIONS

- 2023 Carnegie Mellon Electricity Industry Center (CEIC) (*scheduled*), Property and Environment Research Center (PERC), Empirical Methods in Energy Economics (EMEE)
- 2022 Northeast Workshop on Energy Policy and Environmental Economics, Association of Environmental and Resource Economics (AERE) Annual Summer Conference
- 2021 Northeast Workshop on Energy Policy and Environmental Economics (Attendee), Association of Environmental and Resource Economics (AERE) Annual Summer Conference, Student Research Seminar of Association for Public Policy Analysis & Management (APPAM), Midwest Energy Fest, 1<sup>st</sup> Workshop in Applied Microeconomics of Association for Mentoring & Inclusion in Economics (AMIE)

## TEACHING EXPERIENCE

Recitation Instructor, CMU Heinz College

- 95-710 Economics Analysis, by Karen Clay 2019 – 2023
- 94-834 Applied Econometrics I, by Edson Severnini and Akshaya Jha 2019 – 2023
- 94-835 Applied Econometrics II, by Akshaya Jha 2020 – 2023

Course Design, CMU Heinz College

- 90-711 Statistical Reasoning with R, by Amelia Haviland 2020 Summer

## PROFESSIONAL EXPERIENCE

Duke University Energy Initiative, Durham, NC October 2015 – June 2018  
Research Analyst, worked with William Pizer and Kyle Bradbury

Smart Electric Power Alliance, Washington, D.C. September 2015 – October 2015  
Research Intern

Greenpeace, Washington, D.C. May 2014 – July 2014  
Energy Research Fellow

## AWARDS AND FELLOWSHIPS

Heinz College PhD Fellowship, Carnegie Mellon University 2018 – present  
Property and Environment Research Center (PERC) Graduate Fellowship 2023  
CMU Graduate Student Assembly / Provost Conference Funds 2022  
Mentee, Association for Mentoring & Inclusion in Economics (AMIE) 2021

Attendee, Berkeley/Sloan Summer School in Environmental and Energy Economics	2019
Merit-based Scholarship, Duke University	2013 – 2014
Third Award in the 14 <sup>th</sup> Innovation Cup for Student Research Paper	2012
Undergraduate Fellowship for Excellent Academic Performance	2010 – 2011
Dean's List, Renmin University of China	2010

## **ACTIVITIES**

PhD Representative, Heinz College, Carnegie Mellon University, 2021 – 2023

## **REFeree SERVICE**

Abstract Reviewer: Association of Environmental and Resource Economics (AERE) 2023  
Summer Conference

## **OTHER INFORMATION**

Software: Stata, Python, R, MATLAB

Affiliations: American Economic Association (AEA), Association of Environmental and  
Resource Economists (AERE)

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