

XIAOCHEN SUN

Heinz College of Information Systems and Public Policy
Carnegie Mellon University
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Curriculum Vitae
July 2023

EDUCATION

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

RESEARCH INTERESTS

Applied Microeconomics, Environmental Economics, Energy Economics

PUBLICATIONS

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

Renewable Generation Interconnection: A Common Pool Challenge – Evidence from PJM Electric Market

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, 1st 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 A. 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 th 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

SKILLS

Software: Stata, Python, R, MATLAB, LATEX

PROFESSIONAL ASSOCIATIONS

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