

Yixin Sun

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EMPLOYMENT Economist, Centre for Net Zero, 2025-Present

EDUCATION *Ph.D, Economics*
The University of Chicago Booth School of Business, 2019-2025
Thesis: Beliefs, Preferences, and Impacts of Air Pollution

Bachelor of Arts, Economics-Statistics
Columbia University, New York, NY, May 2016

**SELECTED
WORK IN
PROGRESS** **AI in Charge: Large-Scale Experimental Evidence on Electric Vehicle
Charging Demand**
(with *Robert D. Metcalfe, Andrew R. Schein, Cohen R. Simpson*)

**High Indoor Air Pollution in a Developing Megacity: The Role of Outdoor
PM2.5 and Household Characteristics**

Revise and Resubmit at Proceedings of the National Academy of Sciences
(with *Dil Rahut, Budy P Resosudarmo, Jeanne Sorin, Daniel Suryadarma*)

Learning is in the Air, Clean Air as an Experience Good

(with *Budy P Resosudarmo and Jeanne Sorin*)

Accepted via [pre-results review](#), *Journal of Development Economics*, eventual publication venue TBD

Disentangling Pollution and Income Effects of Indonesian Fires, and Exploring the Protective Role of Social Programs

(with *Budy P Resosudarmo*)

**GRANTS AND
FELLOWSHIPS** 2025-Present, UChicago Institute for Climate and Sustainable Growth Seed Fund
(\$149,993, with Michael Greenstone, Rajat Kocchar, and Shaoda Wang)

2024-Present, Thriving Earth Exchange Community Science Fellow

2024-2025, International Growth Centre Pilot Grant (\$39,000, with Michael Greenstone, Rajat Kocchar, and Shaoda Wang)

2023-2024, Asian Development Bank Institute Research Grant (\$99,850, with Budy Resosudarmo and Jeanne Sorin)

2023-2024, JPAL King Climate Action Initiative Pilot Grant (\$41,756, with Budy Resosudarmo and Jeanne Sorin)

2023-2024, Rustandy Center Research Grant (\$39,473, with Jeanne Sorin)

2022-2023, Weiss Family Program Fund for Research in Development Economics Exploratory Grant (\$49,840, with Jeanne Sorin)

2019-2024, Energy Policy Institute at the University of Chicago DRW Graduate Fellow

TEACHING

Firm and the Non-market Environment (BUSN 33305)

- Teaching assistant for Marianne Bertrand

The Wealth of Nations (BUSN 33520)

- Teaching assistant for Chang Tai Hsieh

RESEARCH EXPERIENCE

Research Assistant, Marianne Bertrand 2021

University of Chicago, Booth School of Business, Chicago IL

- Conducted analysis on the political influence of institutional investors, developing and implementing machine learning algorithms to enhance the accuracy of detecting and classifying investor political activities

Pre-doctoral Fellow

2016-2019

Energy Policy Institute at the University of Chicago, Chicago IL

- Assisted Professor Thomas Covert in estimating firm productivity outcomes and analyzing allocative efficiency within the oil and gas sector
- Worked with Professor Fiona Burlig to build panel data on economic census covariates in India to estimate the impacts of rural electrification on the manufacturing sector

PROFESSIONAL EXPERIENCE

Capital Markets Analyst

2015

Morgan Stanley, New York, NY

- Assisted in account management through new bond pricing, examining debt maturity profiles to identify issuance opportunities, and preparing market condition analyses

Business Associate, Financial Inclusion

2014-2015

Atikus Insurance, New York, NY

- Analyzed three years of historical Rwandan regional bank data to build assumptions for the company's financial model and business strategy

SKILLS

Computing: R, Stata, Git, Python, ArcGIS, Julia, Bash

Data Analysis: Causal inference, machine learning, remote sensing, survey design

Languages: English (native), Mandarin (fluent)