

# 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

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

**Empowering Environmental Governance with Satellite Data: A Global Randomized Control Trial**  
(with *A. Patrick Behrer, Michael Greenstone, Rajat Kochhar, Olga Rostapshova, Ruozi Wang, and Shaoda Wang*)  
Pilot in progress

**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)