

Yunan (Anny) Zhu

Fields: Regional Economics, Urban Economics, Applied Econometrics

Department of Agricultural, Environmental and Development Economics
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EDUCATION

The Ohio State University Ph.D. in Agricultural, Environmental, and Development Economics Committee: H. Allen Klaiber (Chair), Sathya Gopalakrishnan, Elena Irwin, Yao Wang Dissertation title: Essays on the spatial spillover effect of land development program	Columbus, Ohio 2020-2025 (expected)
Colorado State University BS in Ecosystem Science and Sustainability BA in Economics Honors Undergraduate Program Scholar	Fort Collins, Colorado Sep. 2018 – May. 2020
East China Normal University BS in Ecology Awards: First Class Scholarship (2016-2017), University-level Outstanding Students (2016-2017), National Scholarship (2015-2016), University-level Outstanding Students (2015-2016)	Shanghai, China Sep. 2015 – Jul. 2020

WORKING PAPER

“The Spatial Spillover Effect of Land Development Program on Nearby Home Values,” with H. Allen Klaiber

Description: This study evaluates the impact of the Columbus, OH land bank program on neighboring housing prices since 2010 using a hedonic model. It investigates the effects of land bank acquisitions and redevelopment (garden vs. non-garden) on nearby property values at varying time scales and distances. The findings show a positive long-term spillover effect and a preference for open spaces, highlighting the land bank program's role in stabilizing neighborhoods and enhancing property values in urban areas.

“The Impact of WWII Bombings on Urban Redevelopment: A Spatial and Temporal Analysis of Residential Properties in Vienna, Austria,” with H. Allen Klaiber and Ulrich Morawetz.

Description: This study examines the long-term effects of WWII bombings on urban redevelopment and property ownership in Vienna, Austria. Using parcel-level data and nearest neighbor matching, we assess the impact of bombing on building height, ownership patterns, and private ownership. The findings reveal significant post-war increases in building height, fragmented ownership, and private ownership in bombed areas. Additionally, we explore redevelopment trends using building permits, uncovering a relationship between bombing, property characteristics, and redevelopment dynamics.

“The Impact of Land Bank Programs on Neighborhood Foreclosure Risks: Evidence from Columbus, Ohio Using a Discrete-Time Duration Model”, with H. Allen Klaiber

Description: This study uses a discrete-time duration model to evaluate the impact of land bank acquisitions on foreclosure risk in Columbus, Ohio. Findings show that land bank interventions reduce foreclosure likelihood in the short term, particularly for nearby properties, though the effect diminishes over time and distance. Housing characteristics like price, property age, and loan-to-value ratios also influence outcomes. The study underscores the importance of land banks in neighborhood stabilization and highlights the need for sustained interventions to support long-term recovery.

TEACHING EXPERIENCES

The Ohio State University

Sole Instructor

Environmental and Natural Resource Economics (AEDECON 4310)

Summer 2023

Lab Instructor

Sustainable Economy: Concepts and Methods (AEDECON 4330)

Spring 2023, 2024

Teaching Assistant

Food Security and Globalization

Fall 2021

Introduction to Environment, Economy, Development and Sustainability

Spring 2022

International Economic Development (AEDECON 4535)

Fall 2022, 2023

Food, Population, and the Environment (AEDECON 4597)

Fall 2024

WORKING EXPERIENCES

Intern, USDA UV-B Monitoring and Research Program (UVMRP), Natural Resource Ecology Laboratory in Fort

Collins, Colorado

Aug. 2019 – Sep. 2019

Participant, Academic Project: The Mediterranean: Past, Present and Future in Haifa, Israel

Aug. 2017

Intern, Shanghai Weather Bureau in Shanghai, China

Aug. 2016 – Dec. 2016

CONFERENCES

Presenter. “How Does Public Acquisition of Abandoned Housing Impact the Neighbors?” The 88th Annual Meetings of the Midwest Economics Association, Chicago, IL, 2024

Presenter. “Building back better? The effect of post disaster assistance on housing development” The 2024 Agricultural & Applied Economics Association Annual Meeting in New Orleans, LA, 2024

SKILLS & QUALIFICATIONS

Software Packages: Stata, Python, MATLAB, R, ArcGIS, LaTeX

Languages: Chinese (native), English (fluent)

REFERENCES

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Professor Elena Irwin

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Professor Yao Wang

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