

Beau Allen Sauley

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Education

Ph.D., Economics

M.S., Economics

B.S., Financial Economics

2021 University of Cincinnati

2015 University of Kentucky

2013 Centre College

Fields: Econometrics, Public, Urban

Publications

1. Cornwall, Gary J., Jeffrey A. Mills, Beau Sauley, and Huibin Weng. "Predictive Testing for Granger Causality via Posterior Simulation and Cross-validation." *Topics in Identification, Limited Dependent Variables, Partial Observability, Experimentation, and Flexible Modeling: Part A (Advances in Econometrics)* 40 (2019): 275-292.
2. Strawn, Jeffrey R., Jeffrey A. Mills, Beau A. Sauley, and Jeffrey A. Welge. "The impact of antidepressant dose and class on treatment response in pediatric anxiety disorders: a meta-analysis." *Journal of the American Academy of Child & Adolescent Psychiatry* 57.4 (2018): 235-244.
3. Cornwall Gary J., Sauley Beau. "Indirect Effects and Causal Inference: Reconsidering Regression Discontinuity." *Journal of Spatial Econometrics* 2.1 (2021): 1-28

Working Papers & Projects Under Development

"When the Levy Breaks: How Failing Renewal School Levies Effects Housing Prices"

"Improving the Analysis of Randomized Controlled Trials: A Posterior Simulation Approach"

(with Jeff Mills, Beau Sauley, and Jeff Strawn) - *Under Review*

"Racial Disparities in Named Etiology for Failure to Thrive in Hospitalized Infants"

(with Courtney Sump, et. al)

"Passing the Test: Hypothesis Testing in an Era of Machine Learning"

(with Gary Cornwall, and Jeff Chen)

"Public Transportation's Effect on the Housing Market: Evidence from the Cincinnati Streetcar"

Positions

Murray State University

Assistant Professor Fall 2021-Present

Xavier University

Adjunct Professor Fall 2020

Visiting Professor Spring 2021

Invited Seminars

2019 **"When the Levy Breaks: How Failing Renewal School Levies Effects Housing Prices"**
Centre College

2019 **"What Happens to Housing Values When Schools Lose Money?"**
Allegheny College

Conference Presentations

- 2021 “Public Transportation’s Effect on the Housing Market: Evidence from the Cincinnati Streetcar”
Southern Economic Association
- 2020 “What Happens to Housing Values When Schools Lose Money?”
Southern Regional Sciences Association (Virtual Presentation)
- 2019 “School funding’s effect on housing prices: a spatial regression discontinuity approach”
North American Regional Sciences Conference
- 2019 “School funding’s effect on housing prices: a spatial regression discontinuity approach”
Kentucky Economics Association
- 2019 “School funding’s effect on housing prices: a spatial regression discontinuity approach”
Midwest Econometrics Group
- 2019 “Indirect Effects and Causal Inference: Reconsidering Regression Discontinuity”
Applied Economics, Regional, and Urban Studies
- 2019 “Indirect Effects and Causal Inference: Reconsidering Regression Discontinuity”
Southern Regional Sciences Association
- 2017 “Predictive Testing for Granger Causality via Posterior Simulation and Cross-validation.”
Midwest Economics Association
- 2017 “Indirect Effects and Causal Inference: Reconsidering Regression Discontinuity”
Midwest Econometrics Group

Teaching Experience

MSU	2020-21 Spring	Business and Economic Data Analytics	U-Graduate
MSU	2020-21 Spring	Introduction to Microeconomics - 2 sections	U-Graduate
MSU	2020-21 Fall	Business and Economic Data Analytics	U-Graduate
MSU	2020-21 Fall	Introduction to Microeconomics - 2 sections	U-Graduate
XU	2019-20 Spring	Introduction to Macroeconomics - 4 sections	U-Graduate
XU	2019-20 Fall	Introduction to Macroeconomics - 2 sections	U-Graduate
UC	2019-20 Fall	Introduction to Macroeconomics	U-Graduate
UC	2019-20 Fall	Introduction to Microeconomics - Asynchronous	U-Graduate
UC	2019-20 Summer	American Business and Regulation	U-Graduate
UC	2018-19 Summer	Senior Capstone Advisor	U-Graduate
UC	2018-19 Summer	Introductory Econometrics	U-Graduate
UC	2018-19 Spring	Introductory Econometrics	U-Graduate
UC	2018-19 Fall	Introductory Econometrics	U-Graduate
UC	2016-17 Summer	The Economy of China	U-Graduate
UC	2016-17 Spring	Introduction to Microeconomics	U-Graduate
UC	2016-17 Fall	Teaching Assistant: Econometric Data Analysis	Graduate
UC	2016-17 Fall	Teaching Assistant: Econometric Forecasting	Graduate
UC	2015-16 Fall	Teaching Assistant: Econometric Data Analysis	Graduate

Professional and Academic Affiliations

American Economic Association	Midwest Economic Association
Southern Economic Association	Kentucky Economics Association
Graduate Student Governance Association	College of Business: Vice President 2017
Graduate Student Governance Association	College of Business: Secretary 2016

Awards and Recognition

Dean’s List of Teaching Excellence: 2017

Charles Phelps Taft Dissertation Fellowship: 2019-20 Academic Year

The Charles Phelps Taft Dissertation Fellowship provides financial support to advanced, outstanding graduate students in support of their doctoral research. Nine full-year fellowships are earmarked for superior graduate students that are relatively close to completion of their Ph.D.

Skills

Computing: R, Matlab, Stata, Julia, Latex, Jupyter