

# Abigail R. Banan

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## Fields of Interest

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Public Economics, Applied Microeconomics, Economics of Crime, Early Childhood Development

## Employment

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Purdue University, Mitch Daniels School of Business, West Lafayette, IN  
Economics Lecturer, 2023 – Present

## Education

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Purdue University, Krannert School of Management, West Lafayette, IN

Ph.D., Economics, 2017 – 2023

Master of Science, Economics, 2017 – 2018

Committee: Jillian Carr (Co-chair), Miguel Sarzosa (Co-chair), Timothy Moore, Kevin Mumford

Indiana University at Kokomo, School of Business, Kokomo, IN

Postbaccalaureate Certificate, Mathematics, 2016 – 2017

Master of Business Administration, 2014 – 2016

Indiana University at Bloomington, College of Arts and Science, Bloomington, IN

Bachelor of the Arts, Economics, 2010 – 2014

## Research

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### Working Papers

“The Missing Middle: The Disparate Impact of Post-Release Supervision on Returns to Prison and Reconviction” with David C. Macdonald

*Abstract:* In 2011, North Carolina expanded post-release supervision to 80% of felony releases previously unsupervised. Using a regression discontinuity design, we find 25% of newly supervised individuals returned to prison via revocation, nearly doubling one-year

reincarceration and producing 38% more days incarcerated in total within three years. We detect no effect on new convictions after three years, but misdemeanors rose and felonies fell. Effects are racially disparate: Black supervisees are revoked more often, especially through discretionary revocations, yielding a 50% larger increase in days served than white supervisees. Conviction patterns suggest incapacitation for Black supervisees and charge downgrading for white supervisees.

“Childhood Gender Nonconformity and Gender Gaps in Life Outcomes” with Torsten Santavirta & Miguel Sarzosa, Revise and resubmit, *Journal of Human Capital*

*Abstract:* We study the role of childhood gender conformity in determining gender gaps. We present a conceptual framework that uses gender norms to explain why some women make less profitable choices than comparable men. Using unique longitudinal survey and register data, we show that gender-nonconforming girls have substantially better education and labor market outcomes than gender-conforming girls. In contrast, gender-nonconforming boys perform substantially worse at school, sort into lower-paying occupations, earn less, and have a greater incidence of mental health disorders and substance abuse during adulthood than gender-conforming boys. Our analyses suggest that such divergence develops from an early age.

“Outpatient and Inpatient Mental Health Facilities for Children and Juvenile Crime”

*Abstract:* I explore the relationship between mental health care for children and juvenile crime. Using data with information on facilities that specifically treat children, I exploit the county-level variation in the number of mental health treatment facilities for minors in a two-way fixed-effects model to explore the relationship between access to mental health care in a given year and juvenile crime the following year. I find that outpatient and inpatient mental health facilities for children have heterogeneous effects on juvenile crime.

### Work-in-progress

“The Effects of Chicago’s Teacher Strikes on Youth Behavior” with Mary Kate Batistich, Jillian Carr, Clint Harris, & Kendall Kennedy

“Unemployment Insurance and the Development of Human Capital” with Daniel Kebede & Amrita Sanyal

## Research Experience

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Research Assistant, Purdue University, West Lafayette, IN

Miguel Sarzosa, Assistant Professor of Economics, Spring 2019

Soojin Kim, Assistant Professor of Economics, Fall 2019 – Spring 2020

Farid Farrokhi, Assistant Professor of Economics, Fall 2021 – Summer 2022

Referee, *Industrial Relations: A Journal of Economy and Society*, *International Economic Journal*, and *Journal of Human Resources*

## Teaching Experience

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Purdue University, West Lafayette, IN

*Instructor – undergraduate*

ECON 251 Microeconomics

Spring 2024, 2025, 2026

Summer 2019

Fall 2024, 2025

ECON 301 Managerial Economics

Spring 2024, 2025

Fall 2023

ECON 380 Money and Banking

Summer 2020, 2024, 2025

Fall 2020, 2023

*Instructor – graduate*

ECON 533 Econometrics

Spring 2026

Fall 2025

*Recitation Instructor*

ECON 210 Principles of Economics

Spring 2018

*Teaching Assistant – undergraduate*

ECON 210 Principles of Economics

Spring 2018

ECON 251 Microeconomics

Spring 2018, 2019

Fall 2017, 2018

ECON 301 Managerial Economics

Spring 2020

ECON 322 Economics of Public Policy

Spring 2021

Fall 2022

ECON 362 Health Economics

Summer 2021

ECON 380 Money and Banking

Spring 2020

*Teaching Assistant – graduate*

ECON 514 Microeconomic Theory

Fall 2018

ECON 515 Macroeconomic Policy

Fall 2017

ECON 550 Personnel Economics

Spring 2019

ECON 590 Managerial Economics

Fall 2018

ECON 590 Public Economics

Fall 2021, 2022

ECON 590 International Economics

Summer 2022

Ivy Tech Community College, Wabash, IN

*Adjunct Instructor*

IVYT 112 Success in Healthcare

Spring 2017

Fall 2016

IVYT 113 Success in University

Spring 2017

Fall 2016

Indiana University, Kokomo, IN

*Professional Tutor*

Mathematics Department

Spring 2017

Summer 2017

Fall 2016

School of Business

Spring 2016, 2017

Summer 2016, 2017

Fall 2016

Indiana University, Bloomington, IN

*Recitation Instructor*

ECON 201 Introduction to Microeconomics

Fall 2013

ECON 202 Introduction to Macroeconomics

Spring 2014

## Honors and Awards

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James A. Papke Graduate Fellowship Award, Purdue University, 2022-2023  
Equity & Inclusion Student Fellowship, Association for Public Policy Analysis & Management, 2022  
Outstanding Research Presentation Award, Krannert Doctoral Symposium, Purdue University, 2022  
Award for Exceptional Teaching and Instructional Support during the COVID-19 Pandemic, Purdue University, 2021  
Teaching Academy Graduate Teaching Award, Purdue University, 2020  
Krannert Certificate for Outstanding Teaching, Purdue University, Fall 2020  
Krannert Certificate for Distinguished Teaching, Purdue University, Summer 2020  
Krannert Certificate for Distinguished Teaching, Purdue University, Summer 2019  
Krannert Certificate for Distinguished Recitation Teaching, Purdue University, Spring 2018  
Sita C. Amba-Rao Service Award, Indiana University at Kokomo, 2016  
Member of Beta Gamma Sigma Honor Society, 2016

## Conference and Seminar Presentations

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Midwest Economics Association Conference, Cleveland, OH, March 2023  
Southern Economic Association Conference, Fort Lauderdale, FL, November 2022  
Association for Public Policy Analysis & Management Conference, Washington D.C., November 2022  
American Economic Association CSQIEP Virtual Seminars on the Economics of LGBTQ+ Individuals, October 2022  
Vanderbilt University LGBTQ Policy Lab, Nashville, TN, April 2022  
Economic Demography Virtual Workshop, April 2022  
Association for Public Policy Analysis & Management Conference, Austin, TX, March 2022  
Allied Social Science Association 2022 Virtual Annual Meeting, January 2022  
Southern Economic Association Conference, Houston, TX, November 2021  
American Economic Association CSQIEP Virtual Seminars on the Economics of LGBTQ+ Individuals, November 2021  
Purdue University Labor Lunch Seminar, West Lafayette, IN, May 2021  
Purdue University Economics Department Seminar, West Lafayette, IN, November 2020  
Purdue University Labor Lunch Seminar, West Lafayette, IN, February 2020

## Professional Development Workshops

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American Economic Association EDUCATE Workshop, Portland, OR, May 2023  
Scholarship of Teaching and Learning Luncheon, West Lafayette, IN, Spring 2023 – Present

## Leadership and Service Activities

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Experiential Learning & Student Experience Committee, Purdue University, West Lafayette, IN  
Committee Member, 2025 – Present

ESP: Entrepreneurship Society of Purdue University, West Lafayette, IN  
Faculty Advisor, 2024 – 2025

Impact Consulting Purdue University, West Lafayette, IN  
Faculty Advisor, 2023 – 2025

LGBTQ Center Purdue University, West Lafayette, IN  
Volunteer Undergraduate Tutor, 2022 – 2023

Krannert Doctoral Student Association, Purdue University, West Lafayette, IN  
Vice President of Teaching, 2019 – 2023  
Vice President of Diversity, 2019 – 2022

Graduate School Grade Appeals Committee, Purdue University, West Lafayette, IN  
Ph.D. Student Representative, 2021 – 2022

School of Business Curriculum Committee, Indiana University, Kokomo, IN  
M.B.A. Student Representative, 2014 – 2016

## Citizenship

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U.S. Citizen

## References

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Jillian B. Carr (Co-Chair)  
Associate Professor of Economics  
Mitch Daniels School of Business  
Purdue University, West Lafayette, IN  
carr56@purdue.edu

Miguel Sarzosa (Co-Chair)  
Lead Economist  
The MITRE Corporation  
McLean, VA  
msarzosa@mitre.org

Timothy J. Moore  
Professor of Economics  
Department of Economics  
Monash University, Melbourne, VIC

Timothy.Moore1@monash.edu

Kevin J. Mumford

Professor of Economics  
Associate Dean of Graduate Programs  
Kozuch Director, Research Center in Economics  
Mitch Daniels School of Business  
Purdue University, West Lafayette, IN  
mumford@purdue.edu

Kelly Blanchard

Clinical Professor of Economics  
Associate Dean for Undergraduate Programs  
Mitch Daniels School of Business  
Purdue University, West Lafayette, IN  
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