

# Brendan Cirillo

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I can start before the graduation dates below.

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## Education

**University of Missouri, Columbia**, Columbia, MO August/December 2025  
Doctor of Philosophy in Economics GPA: 3.9/4.0  
Master of Arts in Economics (Exit Program - May 2020) GPA: 4.0/4.0  
*Awarded Maw Lin Lee Scholarship for Excellence in Graduate Study* 2023

**Truman State University**, Kirksville, MO May 2017  
Bachelor of Science in Economics and Bachelor of Science in Psychology

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## Work Experience

**Office of Management and Budget**, Washington, DC February 2024 - Current  
Economist Intern

- Explored the impact of the Inflation Reduction Act's (IRA) \$4 billion spending on disadvantaged communities and potential crowding-out from public investments.
- Predicted the impact of changing economic policy in the President's budget by streamlining and improving the individual tax model over a ten-year forecast window.
- Analyzed the impact of surprise future debt announcements on short- and long-term treasury yields.

**University of Missouri, Columbia**, Columbia, Missouri May 2021 - Current  
Research Assistant

- Conducted macroeconomic stochastic projections for an agricultural economic model.
- Executed Monte Carlo simulations to compensate for the dataset limitations.
- Performed econometric analysis for a variety of political economy projects.

**Government Accountability Office**, Washington, DC May 2023 - August 2023  
Analyst Intern

- Framed research agenda and conducted analysis, including interviews, for financial implications of a new grant program within the current Farm Credit System.
- Collaborated on writing a congressional-facing report.
- Reviewed Python code for the final report on Racial Disparities in Credit Accounts.
- Co-presented an intern-led 'knowledge transfer' about student loans and the cost of college.

**Economic Consulting**, Columbia, Missouri May 2023 - December 2023  
80 hours/semester

- Consulted for Missouri's Attorney General Office as part of the Economics and Policy Analysis Research Center using Monte Carlo simulations (disclosure limitations).

**T-Mobile (formerly Sprint)**, Overland Park, Kansas September 2017 - September 2020  
Pricing Analyst 1, Pricing Analyst 2

- Performed data analysis for T-Mobile's enterprise wireless and wireline contracting.
  - Developed and launched an internal website to foster collaboration in the department.
  - Performed individual customer data analysis to identify customer lifetime value.
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## Technical Skills

- Professional Experience: R, Python, and Stata
- Econometric analysis: causal inference, regression, difference-in-differences, regression discontinuity, time series analysis, synthetic controls, matching, large datasets, and machine learning.
- Class Projects: MATLAB, Alteryx, and SQL
- **Certificate** (familiarity): Machine Learning Specialization, Coursera, June 2023
  - Python

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## Volunteer Experience

- The Food Bank for Central and Northeast Missouri**, Columbia, Missouri Sept 2022 - Feb 2024  
SNAP Volunteer 75-100 hours/year
- Coordinated with full-time staff to help onboard Missouri residents to SNAP.
  - Reduced the full-time staff's general workload and assisted with a wide variety of projects.

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## Research Interests

- Applied Microeconomics and Policy Analysis
- Health and Public Economics
- Political Economics

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## Recent and Current Research Projects

- Permit-to-Purchase Across Three States: Homicides, Purchases, and Spillovers** Current  
Author, (Coding Language: R)
- Used synthetic control and Difference-in-Difference to examine the long-term effects of permit-to-purchase laws in Missouri, Connecticut, and Maryland, including deaths, firearm sourcing, and time-to-crime.
  - Permit-to-purchase, for the most part, reduces deaths, including spillovers to border counties, and shifts purchasing behavior for guns used in crime.
- TANF Drug Testing Announcements and Spillovers on SNAP Applications** Current  
Co-author, (Coding Language: R and Stata)
- Using Difference-in-Differences to examine the impact of TANF drug testing announcements on TANF applications, caseload, and closures, and the spillover effects on SNAP participation.
  - TANF drug testing significantly decreased applications, caseload, and increased closures. SNAP participation shows a decline but is only suggestive.
- Impact of Voter ID Laws and Pre-clearance: Testing a Counter Mobilization Hypothesis** Current  
Co-author (Coding Language: R) Difference in Differences
- Applied Difference-in-Difference to explore counter-mobilization efforts following the repeal of preclearance from the Voting Rights Act and the passage of voter ID laws.
  - Counter-mobilization efforts are not related to various law changes.
- Shelby Done Right, Revisiting Pre-clearance Changes to the VRA** Current  
Co-author, (Coding Language: R and Stata)
- Difference-in-Differences (DD) and Triple DD approach to analyze the impact of the repeal of pre-clearance to the Voting Rights Act.
  - No noticeable impact in states previously covered by pre-clearance.

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## Presentations

- **SEA 93<sup>rd</sup> Annual Meeting**, New Orleans, LA 2023
- **Second Annual Applied Microeconomics Conference**, Manhattan, KS 2023
- **Department of Economics Alumni Leaders Board**, Columbia, MO 2023
- **Public Choice Society**, Seattle, WA 2023, 2024

### Undergraduate and Online Presentations

- **Tobacco Online Policy Seminar**, Virtual 2024
- **Midwest Psychology Association**, Chicago, IL 2015-2017
- **Student Research Convention**, Kirksville, MO 2015-2017

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## Graduate School - Campus Involvement

- Economics Graduate Student Association**, University of Missouri, Columbia Sept 2021 - May 2024  
Treasurer 2023-Current, Secretary, 2021-2023