

Luke Maddock

Curriculum Vitae

Burton D. Morgan Center
Granville, OH, 43023
Phone: (319)-491-0150

<https://l-maddock.github.io/>
maddockl@denison.edu

Appointments & Experience

Denison University

Granville, OH
08/26 – Present

- **Assistant Professor**, Department of Data Analytics
 - * DA 101 Introduction to Data Analytics – Fall 2026
 - * DA 401 Senior Capstone – Fall 2026

Colorado State University

Fort Collins, CO

- **Teaching Instructor**, Department of Economics
08/25 – 05/26
 - * ECON 240 Issues in Environmental Economics – 08/25 to 12/25
 - * ECON 101 Issues in Economics – 01/26 to 05/26
- **Research Associate II**, National Wildlife Research Center (USDA-APHIS) 08/24 – 07/26
- **Research Assistant**, National Wildlife Research Center (USDA-APHIS) 05/23 – 08/24
- **Teaching Assistant**, Department of Economics
09/21 – 05/23
 - * ECON 204 Principles of Macroeconomics – 09/21 to 05/22
 - * ECON 202 Principles of Microeconomics – 09/22 to 05/23
- **Research Assistant**, Regional Economic Development Institute (REDI) 05/22 – 09/22

Marquette University

Milwaukee, WI

- **Graduate Assistant**, Department of Economics
09/19 – 05/21
 - * ECON 545 Public Economics – Teaching Assistant
 - * Research Assistant, Department of Economics
- **Research Assistant**, Office of Research and Institutional Advancement (OIRA) 09/20 – 05/21

Education

Colorado State University

09/21 – 05/26

Ph.D in Economics

Fort Collins, CO

Marquette University

09/19 – 05/21

M.S. in Applied Economics

Milwaukee, WI

Carthage College

09/15 – 05/19

B.A in Economics

Kenosha, WI

Research Areas

Homelessness, Poverty, Public Economics, Regional/Urban Economics, Applied Econometrics, Environmental Economics, Machine Learning

Publications

Maddock, L., & Pena, A-A. (2026). *Funding, Facilities, and the Face of Homelessness: Heterogeneous Impacts of Federal Grants on Sheltered and Unsheltered Counts*. Southern Economic Journal, 1–26. <https://doi.org/10.1002/soej.70031>

Maddock, L., Nelson, F., Altringer, L., & McKee, S.C. (2026). *Estimating the Value of Ecosystem Services: A Machine Learning Approach for Missouri Wetlands*. Ecosystem Services, 79, 101849. <https://doi.org/10.1016/j.ecoser.2026.101849>

Petach, L., Maddock, L., & Pena, A-A. (2026). *Housing Affordability and Homelessness: Evidence from Commuting Zones*. Economic Development Quarterly.

Working Papers

Maddock, L. *Voucher Household Mobility and Rental Market Dynamics: Evidence from Source of Income Protection Laws*.

Maddock, L., McKee, S., Altringer, L. *Total Economic Valuation of Inland Wetlands in the United States*

Gifford, T. & Maddock, L. *The Mental and Physical Health Consequences of Legalized Sports Betting in the United States*.

Maddock, L. *Counting the Uncounted: Machine Learning Approaches to Imputing Unsheltered Homelessness During the COVID-19 Pandemic*.

Works in Progress

Maddock, L., Cicero, V., *Consequences of Controversial Referee Decisions: Evidence from the First and Second Tier Brazilian Football Leagues*.

Petach, L., Maddock, L., Pena, A-A. *Homelessness and Local Business Outcomes*.

Technical Reports

McKee, S.C., Blanchard, M.D., Maddock, L., Umlang, L.C., Miller, R.S., Burns, A., Shwiff, S.A., Beane, N.R., *Economic Valuation and Natural Resource Damage Assessment Methods at Myakka River State Park, Florida*. Aquatic Plant Control Research Program (APCRP), Environmental Laboratory, U.S. Army Engineer Research and Development Center (ERDC). May 2026. DOI: <https://dx.doi.org/10.21079/11681/50228>

McKee, S., Blanchard, M., Miller, R., Burns, A., Maddock, L., Shwiff, S., Beane, N., *Quantifying wild pig damage reduction using before-after-control-impact design at USACE Richard K. Yancey, Louisiana*. Engineer Research and Development Center (ERDC). DOI: <https://dx.doi.org/10.21079/11681/49933>

Maddock, L., *The State of Homelessness in Colorado*. Regional Economic Development Institute (REDI) at CSU. [Link to Report Here](#)

Conference Presentations

2025

- Southern Economic Association, Tampa, FL
- North American Regional Science Council, Denver, CO
- Western States Graduate Workshop, Fort Collins, CO
- Wildlife Damage Management Conference, Virtual
- Eastern Economic Association, New York City, NY

2024

- Southern Economic Association, Washington, DC
- Eastern Economic Association, Boston, MA
- Western States Graduate Workshop, Salt Lake City, UT

2023

- Midwestern Economics Association Conference, Cleveland, OH
- Western Economics Association Conference, Virtual
- Western States Graduate Workshop, Fort Collins, CO

Awards & Honors

Outstanding Graduate Researcher

Colorado State University

2025

L.S. and Chuen-mei Fan Scholarship

Colorado State University

2023

Graduate Research Assistantship Award

Colorado State University

2022

Distinguished Senior in Economics

Carthage College

2019

Web Applications

Continuum of Care Mapper/Data Explorer - An R Shiny application used to visualize Continuum of Care boundaries and examine homelessness data. [Link found here.](#)

Languages

- English - Native, Portuguese (BR) - Intermediate, Spanish - Beginner