

Luke Maddock

Curriculum Vitae

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Luke.Maddock@colostate.edu

Education

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| Colorado State University | 09/21 – Present |
| <i>Ph.D in Economics</i> | <i>Fort Collins, CO</i> |
| Marquette University | 09/19 – 05/21 |
| <i>M.S. in Applied Economics</i> | <i>Milwaukee, WI</i> |
| Carthage College | 09/15 – 05/19 |
| <i>B.A in Economics</i> | <i>Kenosha, WI</i> |

Research Areas

Poverty/Welfare, Public Economics, Regional Economics, Applied Econometrics, Environmental Economics, Machine Learning

Manuscripts in Submission

Maddock, L & Pena, A-A. *Funding, Facilities, and the Face of Homelessness: Heterogeneous Impacts of Federal Grants on Sheltered and Unsheltered Counts*. Revise & Resubmit at *Southern Economic Journal*.

Petach, L., Maddock, L., Pena, A-A. *Housing Affordability and Homelessness: Evidence from Commuting Zones*. Under Review.

Maddock, L., McKee, S., Nelson, F., Altringer, L. *Estimating the Value of Ecosystem Services: A Machine Learning Approach for Missouri Wetlands*. Under Review.

Working Papers

Job Market Paper: 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., *The Reactions to Controversial Referee Decisions: Evidence from the First and Second Tier Brazilian Football Leagues*.

Technical Reports

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](#)

Research & Teaching Experience

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| Teaching Instructor <i>Colorado State University</i> <ul style="list-style-type: none">ECON 240 Issues in Environmental Economics – 08/25 to Current | 08/25 – Current <i>Fort Collins, CO</i> |
| Research Associate II <i>National Wildlife Research Center, USDA Animal & Plant Health Inspection Service (APHIS)</i> | 08/24 – 08/25 <i>Fort Collins, CO</i> |
| Research Assistant <i>National Wildlife Research Center, USDA-APHIS</i> | 05/23 – 08/24 <i>Fort Collins, CO</i> |
| Teaching Assistant <i>Colorado State University</i> <ul style="list-style-type: none">ECON 204 (Principles of Macroeconomics) – 09/21 to 05/22ECON 202 (Principles of Microeconomics) – 09/22 to 05/23 | 09/21 – Present <i>Fort Collins, CO</i> |
| Research Assistant <i>Colorado State University, Regional Economic Development Institute (REDI)</i> | 05/22 – 09/22 <i>Fort Collins, CO</i> |
| Graduate Assistant <i>Marquette University</i> <ul style="list-style-type: none">ECON 545 (Public Economics) TA – 09/19 to 05/21Research Assistant, Department of Economics | 09/19 – 05/21 <i>Milwaukee, WI</i> |
| Research Assistant <i>Marquette University, Office of Research and Institutional Advancement (OIRA)</i> | 09/20 – 05/21 <i>Milwaukee, WI</i> |

Research Presentations

Maddock, L., Voucher Household Mobility and Rental Market Dynamics: Evidence from Source of Income Protection Laws. Southern Economic Association, Tampa, FL (11/25)

Maddock, L., Voucher Household Mobility and Rental Market Dynamics: Evidence from Source of Income Protection Laws. Western States Graduate Workshop, Fort Collins, CO (10/25)

Maddock, L., McKee, S., Altringer, L. Total Economic Valuation of Inland Wetlands in the United States: A Machine Learning Approach. Wildlife Damage Management Conference. (03/25)

Maddock, L., McKee, S., Nelson, F., Altringer, L. Economic Valuation of Wetland Ecosystem Services in the United States: A Machine Learning Approach. Panel Presentation, Eastern Economic Association, New York City, NY (02/25)

Maddock, L. Source of Income Discrimination and Homelessness: Effects of Anti-Discrimination Laws. Panel Presentation, Southern Economic Association, Washington DC (11/24)

Maddock, L & Pena, A-A. Funding, Facilities, and the Face of Homelessness: Heterogeneous Impacts of Federal Grants on Sheltered and Unsheltered Counts. Panel Presentation, Midwestern Economics Association Conference, Cleveland, OH (04/23)

Awards & Honors

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| Outstanding Graduate Researcher <i>Colorado State University</i> | <i>Summer 2025</i> |
| L.S. and Chuen-mei Fan Scholarship <i>Colorado State University</i> | <i>Summer 2023</i> |
| Graduate Research Assistantship Award <i>Colorado State University</i> | <i>Summer 2022</i> |
| Distinguished Senior in Economics <i>Carthage College</i> | <i>Spring 2019</i> |

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

References

1. Anita Alves Pena, Department of Economics, Colorado State University:
anita.pena@colostate.edu
2. Ray Miller, Department of Economics, Colorado State University:
Ray.Miller@colostate.edu
3. Stephanie Shwiff, National Wildlife Research Center, USDA-APHIS:
stephanie.a.shwiff@usda.gov