

MCKENZIE BOYCE

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EDUCATION

University of Wisconsin-Madison

2022 - 2026 (*expected*)

PhD, Agricultural and Applied Economics

Mississippi State University

2020 - 2022

MS, Agricultural Economics

Thesis: "U.S. Financial Literacy: Does Urban-Rural Residency Matter?"

University of Wisconsin-Madison

2016 - 2020

BS, Agribusiness (Honors College Degree)

BS, Agricultural Communications

Summa Cum Laude

RESEARCH INTERESTS

Regional economics, community economic development, quality of life, rural livability, broadband adoption, financial literacy

PUBLICATIONS

*Formerly published under McKenzie Carvalho.

Peer-Reviewed Journal Articles

1. Carvalho, M., Hagerman, A., & B. Whitacre. "The Role of Telework in Building Resilience in the Southeastern United States." *Journal of Regional Analysis and Policy*, 52(1), 19-34.
2. Carvalho, M., Hagerman, A., Kenkel, P., & D. Shideler. "Differences in Supplemental Nutrition Assistance Program Participation among Oklahoma Counties." *Journal of Agriculture, Food Systems, and Community Development*, 11(3), 1-11. <https://doi.org/10.5304/jafscd.2022.113.007>

Extension Publications

1. Boyce, M., Deller, S., and Runge, K. (2023). Willingness to Pay for Broadband Internet: A Case Study of Wisconsin. The Wisconsin Economy Study Series 8. University of Wisconsin-Extension.
2. Carvalho, M., A. Kim, R. Smith, and A. Barefield. "Mississippi Economic and Financial Well-Being: Patterns and Trends." Mississippi State University Extension Report No. P3912.
3. Graff, N., Carvalho, M., Johnson, M., and A. Hagerman. (2019). "Utilizing Livestock Risk Protection (LRP) for Feeder Cattle." Oklahoma State University Extension Report No. L-472.
4. Carvalho, M., Johnson, M., and A. Hagerman. (2019). "Is Rainfall Index Pasture, Rangeland and Forage Insurance Right for You?" Oklahoma State University Extension Report No. L-471.

Popular Press

1. Carvalho, McKenzie (2019). "The REAL SEAL is the Real Deal." *California Dairy Magazine*.
2. Carvalho, McKenzie (2019). "Greener Pastures: Dairy Keeps the Alves Family Together." *California Dairy Magazine*.
3. Carvalho, McKenzie (2019). "A Christmas Wish Fulfilled: Award-Winning Carly Olufs Paves Bright Future in Dairy." *California Dairy Magazine*.

4. Carvalho, Mckenzie (2020). "Embarking on New Frontiers." Cowboy Journal.

WORKS IN PROGRESS

1. Boyce, M., A. Kim, R. Smith, & J. Green. "Determinants of Financial Literacy: Does Urban-Rural Residency Matter?" (Under review)
2. Boyce, M. "Willingness to Pay for Broadband: A Case Study of Wisconsin." (Under Review)
3. Boyce, M., Deller, S., & T. Conroy. "Quality of Life Under Modeling Uncertainty." (Analysis in Progress)

EXPERIENCE

Graduate Research Assistant Agricultural and Applied Economics Department University of Wisconsin-Madison	<i>2023 - Present</i>
Grader Agricultural and Applied Economics Department University of Wisconsin-Madison	<i>2023 - 2023</i>
Graduate Intern Economic Development Administration University Center University of Wisconsin-Madison	<i>2022 - 2022</i>
Graduate Research Assistant Agricultural Economics Department Mississippi State University	<i>2020 - 2022</i>
Undergraduate Research Assistant Department of Agricultural Economics Oklahoma State University	<i>2017 - 2020</i>
Legislative Internship in Agriculture Ferguson College of Agriculture Oklahoma State University	<i>2019</i>
Lloyd Noble Scholar in Agriculture Noble Research Institute	<i>2018</i>

PRESENTATIONS

Academic Conference Presentations

1. Boyce, M., S. Deller, & T. Conroy. "The Drivers of Quality of Life Under Modeling Uncertainty." Southern Regional Science Association. Arlington, VA. April 2024.
2. Boyce, M. & S. Deller. "Earnings, Rent, and Unemployment: Does the Introduction of Unemployment Alter Roback-Type Measures of Quality of Life?." Southern Regional Science Association. Arlington, VA. April 2024.
3. Boyce, M., S. Deller, & K. Runge. "Initial Findings from the Wisconsin Broadband Survey." Southern Regional Science Association. Savannah, Georgia. April 2023.
4. Boyce, M. & E. Dobis. "Factors Influencing the Gap in American Male and Female Life Expectancy." Southern Regional Science Association. Savannah, Georgia. April 2023.
5. Carvalho, M. & E. Dobis. "Factors Influencing the Gap in American Male and Female Life Expectancy." Southern Regional Science Association. Austin, Texas. April 2022.

6. Carvalho, M., A. Kim, R. Smith, & J. Green. "Determinants of Financial Literacy: Does Urban-Rural Residency Matter?" Southern Agricultural Economics Association. New Orleans, Louisiana. February 2022.
7. Carvalho, M., & A. Kim. "Measuring Regional Financial Literacy: Comparison of Methods and Results." North American Regional Science Council. Denver, Colorado. November 2021.
8. Carvalho, M., & A. Kim. "The Urban-Rural Gap in Financial Literacy: Features and Implications." The Pennsylvania State University Rural Studies Student Conference. Online October 2021.
9. Carvalho, M., A Kim, R. Smith, S. Turner, & A. Harri. "Analyzing Financial Literacy in the Southern United States." Agricultural and Applied Economics Association. Austin, Texas. August 2021.
10. Carvalho, M., A. Hagerman, P. Kenkel, & D. Shideler. "Differences in Supplemental Nutrition Assistance Programs among Oklahoma Counties." Agricultural and Applied Economics Association. Austin, Texas. August 2021.
11. Carvalho, M., A. Hagerman, & B. Whitacre. "Telework and COVID-19 Resiliency in the Southeastern United States." Agricultural and Applied Economics Association. Austin, Texas. August 2021.
12. Carvalho, M., A Kim, R. Smith, S. Turner, & A. Harri. "Examining the Economic Well-Being of the Southern United States." Southern Agricultural Economics Association. Online. February 2020.
13. Carvalho, M., A. Hagerman, P. Kenkel, & D. Shideler. Differences in Supplemental Nutrition Program Participation Among Oklahoma Counties. North American Regional Science Council. Pittsburgh, Pennsylvania. November 2019.

Other Academic Presentations

1. Boyce, M. & E. Dobis. "Factors Influencing the Gap in American Male and Female Life Expectancy." United States Department of Agriculture Economic Research Service Rural Economy Branch Meeting. Online. November 2023.
2. Carvalho, M. & E. Dobis. "Factors Influencing the Gap in American Male and Female Life Expectancy." United States Department of Agriculture Economic Research Service Rural Economy Branch Meeting. Online. August 2022.
3. Carvalho, M., A. Kim, R. Smith, & J. Green. "Determinants of Financial Literacy: Does Urban-Rural Residency Matter?" Mississippi State University Graduate Student Research Symposium. Starkville, Mississippi. February 2022.
4. Carvalho, M., & B. Pratt. "What Demographic Factors Drive County-Level CRP Participation?" Farm Foundation and ERS Agricultural Scholars Capstone Project Presentation Series. Online. December 2021.
5. Carvalho, M., & A. Kim. "The Urban-Rural Gap in Financial Literacy: Features and Implications." Mississippi State University Graduate Student Research Symposium. Starkville, MS. October 2021.
6. Carvalho, M., A Kim, R. Smith, S. Turner, & A. Harri. "Examining the Economic Well-Being of the Southern United States." Mississippi State University Graduate Student Research Symposium. Online. February 2020.

Extension (Outreach) Presentations

1. Boyce, M. "Quality of Life in Wisconsin and the Madison Region." Madison Regional Economic Development & Diversity Summit. Madison, WI. May 2024.
2. Boyce, M. "Willingness-to-Pay for Broadband in Wisconsin." University of Wisconsin-Madison Chief Information Officer Virtual Office Hours. Online. May 2024.
3. Carvalho, M., A. Kim, & R. Smith. "Economic Well-Being of Mississippi: Patterns and Trends." Advancing Mississippi Conference, Mississippi Institutions of Higher Learning University Research Center. Online. September 2020.

ACTIVITIES

Taylor Hibbard Club Vice President, UW-Madison	<i>2023 - 2024</i>
Farm Foundation Agricultural Scholar	<i>2020 - 2022</i>
MSU Graduate Student Association Department Representative	<i>2020 - 2022</i>
Oklahoma AgCredit Student Board of Directors	<i>2018 - 2020</i>

COMPUTING SKILLS

Excel, R, SAS, STATA, ArcMap, ArcGIS, Mathematica, and Adobe Creative Cloud

PROFESSIONAL AFFILIATIONS

Agricultural and Applied Economics Association (AAEA)
 Graduate Student Section (GSS)
 Community Regional Economics Network (CRENET)
 North American Regional Science Association
 Southern Regional Science Association

AWARDS AND FUNDING

Science and Medicine Graduate Research Scholars Fellowship	<i>2022</i>
Mississippi State University Travel Assistance Grant for Graduate Students (\$800)	<i>2021</i>
OSU Ferguson College of Agriculture Louis and Betty Gardner Outstanding Senior	<i>2020</i>
OSU Ferguson College of Agriculture Dean's Award of Excellence	<i>2020</i>
OSU Ferguson College of Agriculture Senior of Distinction	<i>2020</i>
Oklahoma State University Senior of Significance	<i>2019</i>
American FFA Degree	<i>2017</i>

REFERENCES

Dr. Steven Deller
 Vilas Distinguished Achievement Professor
 Department of Agricultural and Applied Economics
 University of Wisconsin-Madison
 Phone: (608) 263-6251
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Dr. Ayoung Kim
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 Department of Agricultural Economics
 Mississippi State University
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Dr. Amy Hagerman
 Assistant Professor and Extension Specialist for Agriculture and Food Policy

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Oklahoma State University
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