

JAIME R. LUKE

jrluke@ksu.edu

EDUCATION: **Kansas State University**, Manhattan, KS Expected Graduation: May 2024
Doctor of Philosophy – Agricultural Economics 4.00 G.P.A.

University of Missouri, Columbia, MO May 2021
Master of Science – Agricultural & Applied Economics 3.97 G.P.A.

University of Missouri, Columbia, MO May 2018
Bachelor of Science – Agricultural Economics 3.98 G.P.A.

WORK EXPERIENCE: **Kansas State University Department of Agricultural Economics** June 2021 – Present
Graduate Research Assistant

- Analyze data relating to livestock and meat markets to understand changing market dynamics
- Generate research documents and present findings to academic & non-academic audiences

USDA Office of the Chief Economist July – October 2022
Economics Intern

- Utilized RStudio software to conduct empirical analyses on topics related to U.S. agriculture
- Designed and developed a wide variety of economic and policy-relevant research studies

University of Missouri Division of Applied Social Sciences (DASS) August 2019 – May 2021
Graduate Research & Teaching Assistant

- Collaborated with National Pork Board to produce research relevant to U.S. pork producers
- Facilitated transitioning undergraduate courses to online learning during the pandemic

Archer Daniels Midland Company, Livingston Point, KY June 2018 – July 2019
Commodity Merchandiser

- Developed understanding of local, national, and global commodity markets to advise producers
- Procured grain and oilseeds for 2 river export facilities to achieve optimal financial results

Missouri Pork Association, Columbia, MO December 2017 – May 2018
Fundraising & Policy Intern

- Organized fundraising auction that profited \$44,000, an increase of \$10,000 over yearly average
- Researched and presented on policies affecting Missouri swine industry stakeholders

American Farm Bureau Federation (AFBF), Washington, D.C. June – July 2017
Public Policy Economic Analysis Intern

- Wrote commodity market commentary for AFBF membership and broader ag audience
- Analyzed data on U.S. agricultural trade and the farm bill to be used to guide U.S. ag policy

Missouri Corn Growers Association, Jefferson City, MO January – August 2016
Field Services Intern

- Explained current agricultural legislation to growers and agribusiness leaders statewide
- Executed 7 membership golf tournaments across the state to reach over 750 grower members

GRANT ACTIVITY: “Economic Examination of Livestock Enteric Emissions.” \$75,000. USDA Office of the Chief Economist (OCE). October 1, 2022 – September 30, 2023. Objective: To provide a greater economic understanding of the topic of livestock enteric emissions and feed-additive mitigation practices. Investigators: G.T. Tonsor (PI), **J.R. Luke** (Co-PI).

PEER-REVIEWED JOURNAL ARTICLE: **Luke, J.R.** and G.T. Tonsor. “USDA Long-Term Meat Trade Projections: A Comprehensive Evaluation.” April 2023. *Journal of Agricultural and Applied Economics (JAAE)*. Available at <https://doi.org/10.1017/aae.2023.13>.

PROFESSIONAL PRESENTATIONS:

Luke, J.R., G.T. Tonsor, and T.C. Schroeder. "Impact of Data Selection on U.S. Retail Meat Demand Elasticity Estimates." Presented at the Western Agricultural Economics Association (WAEA) Annual Meeting. July 2023. Whistler, BC, Canada.

Luke, J.R. and G.T. Tonsor. "Contribution of the Beef Industry to the Economy of the Great Plains and Western U.S.: Past, Present, and Future." Presented at the American Society of Animal Science (ASAS) Annual Meeting Symposium on Climate Adaptation Strategies for the Beef Industry. July 2023. Albuquerque, NM.

Luke, J.R., T.C. Schroeder, G.T. Tonsor, L.A. Collins, and D.J. Ufer. "U.S. Retail Meat Prices: Implications of Using Scanner Data in Analyses." Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting. February 2023. Oklahoma City, OK.

Luke, J.R. and G.T. Tonsor. "Beef and Pork Marketing Margins and Their Implications." Presented at Kansas State University Risk & Profit Conference. August 2022. Manhattan, KS.

Luke, J.R. and G.T. Tonsor. "Beef Origin Labeling Policy." Presented at Agricultural & Applied Economics Association (AAEA) Annual Meeting Policy Communication Competition. July 2022. Anaheim, CA.

Luke, J.R., G.T. Tonsor, and D.S. Brown. "Wholesale Demand for Pork Primal Cuts: Updating Past Estimates to Better Describe Product-Level Demand Heterogeneity." Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting. February 2022. New Orleans, LA.

Luke, J.R. and D.S. Brown. "The Demand for Pork Primal Cuts." Presented virtually to National Pork Board and National Pork Producers Council. June 2021.

OUTREACH OUTPUT: **Luke, J.R.**, A.E. Anderson, and G.T. Tonsor. "An Updated Evaluation of the U.S. Cattle Cycle." Kansas State University AgManager.Info fact sheet. March 2022. Available at <https://www.agmanager.info/livestock-meat/production-economics/updated-evaluation-us-cattle-cycle>.

Luke, J.R. and G.T. Tonsor. "Concentration of U.S. Pork Exports." Kansas State University AgManager.Info fact sheet. June 2021. Available at <https://www.agmanager.info/livestock-meat/marketing-extension-bulletins/trade-and-demand/concentration-us-pork-exports>.

Newton, J. and **J.R. Luke**. "Ag Can't Balance Budget." *Sugar Producer Magazine*. August/September 2017.

Luke, J.R. and J. Newton. "Spring Wheat Markets Respond to Supply Concerns." American Farm Bureau Federation Market Intel. July 2017. Available at <https://www.fb.org/market-intel/spring-wheat-markets-respond-to-supply-concerns>.

RADIO INTERVIEWS: **Brownfield Ag News**. "Understanding More about the Farmers' Share of the Food Dollar." August 2022. Available at <https://brownfieldagnews.com/healthy-living/understanding-more-about-the-farmers-share-of-the-food-dollar/>.

Kansas State Radio Network, Agriculture Today. "Pork Export Concentration." With G.T. Tonsor. July 2021. Available at <https://agtodayksu.libsyn.com/973cattle-market-commentarypork-export-destinations>.

STUDY ABROAD:

Germany – Agricultural Systems Management

March 2018

Thailand – Conservation & Biodiversity

December 2017 – January 2018

University of Alicante, Spain – International Business & Spanish

August – November 2016

INVOLVEMENT:	Graduate Students in Agricultural Economics – Vice President	January – December 2022
	Kansas State University Case Study Club – President	January – December 2022
	Mizzou Graduate Professional Council (GPC) – Representative	August 2020 – May 2021
	DASS Inclusion, Diversity, and Equity Award – Committee Member	August 2020 – May 2021
	Preparing Tomorrow’s Leaders for Science – Graduate Participant	August 2020 – May 2021
	<ul style="list-style-type: none"> ▪ Selected as one of 13 graduate students to participate in Bayer’s science communication class ▪ Improved research communication skills through presentations and meeting facilitations 	
	Sigma Alpha, Professional Agriculture Sorority – Philanthropy Chair	May 2017 – May 2018
	<ul style="list-style-type: none"> ▪ Organized effort to collect over 1800 pairs of shoes for those in need around the world ▪ Lead 9 philanthropic events that resulted in over 200 hours volunteered by members 	
	Agriculture Future of America (AFA) – Advisory Team Member	March 2017 – March 2018
	<ul style="list-style-type: none"> ▪ Grew University of Missouri AFA applicant pool 37% over previous year ▪ Planned and facilitated leadership conference for 800 agricultural college students 	
	Girls on the Run – Head Coach	January – May 2017
	<ul style="list-style-type: none"> ▪ Trained group of 3rd grade students to prepare for a 5k run 	
ACHIEVEMENTS:	AAEA Case Study Competition – 2 nd Place	August 2021
	Kansas State University Timothy R. Donoghue Graduate Scholarship	August 2021
	National Pork Board Agrimarketing Fellowship	August 2019 – May 2021
	Mizzou 18 Graduate Student Award	March 2021
	World Food Prize Scholar	October 2019
	CAFNR Outstanding Graduate	May 2018
	USDA Outlook Forum Diversity Scholar	February 2018
	Women in Agribusiness Summit Scholar	September 2017
	American FFA Degree	October 2014
AFFILIATIONS:	Agricultural & Applied Economics Association (AAEA)	
	Southern Agricultural Economics Association (SAEA)	
	Western Agricultural Economics Association (WAEA)	