

Justin Bina

620-323-0017 | justindbina@gmail.com

Education

- Doctor of Philosophy in Agricultural Economics, Kansas State University 2021–present
- Cumulative GPA: 4.0
 - Specialty in Price Analysis/Marketing
- Master of Science in Agricultural Economics, Kansas State University 2019–2020
- Cumulative GPA: 4.0
 - Thesis: Essays on futures contracts as a feeder cattle price risk management tool
 - Treasurer of Graduate Students in Agricultural Economics
- Bachelor of Science in Agriculture, Kansas State University 2015–2019
- Cumulative GPA: 4.0
 - Major in Agricultural Economics, Finance specialty
 - Certificate in Integrated Risk Management
 - Student Fellow with the Center for Risk Management Education and Research
 - Completed an International Food and Agribusiness Study Tour of India

Employment

- Research Assistant May 2017–present
Kansas State University Department of Agricultural Economics
- Developing public dashboards using R Shiny
 - Econometric modeling and data visualization using R and SAS programming
 - Data collection using Bloomberg, Thomson Reuters Eikon, and API calls
- Teaching Assistant August 2019–present
Kansas State University Department of Agricultural Economics
- Grading and providing feedback on homework submissions
 - Creating online quizzes and assignments
- ERS Pathways Intern June 2022–September 2022
USDA Economic Research Service
- Assessed determinants of wholesale meat prices
 - Summarized findings in an ERS working paper
 - Time series and price forecasting training
- Data Analyst August 2021–January 2022
Kansas State University Department of Agricultural Economics
- Econometric modeling of domestic food demand survey data
 - Statistical analysis of structured and semi-structured data
 - Summarized statistical findings in written reports
 - Data cleaning and visualization using R programming
- Intern May 2018–August 2018
CME Group–Products and Services, Agricultural Business Line Management
- Assisted in maintenance of agricultural futures and options contracts

- Data collection and visualization using Bloomberg, SAP BusinessObjects, and Microsoft Excel
- Handled ad hoc requests from team members and brokers

Extension Publications and Outreach Activity

Extension Papers

1. **Bina, J.**, Schroeder, T., & Coffey, B. (2021). Summary of Feeder Cattle Hedging Performance [Extension Paper]. Kansas State University. <https://www.agmanager.info/livestock-meat/marketing-extension-bulletins/marketing-strategies-and-livestock-pricing/summary>
2. **Bina, J.**, & Schroeder, T. (2019). Overview Of The CME Group Feeder Cattle Futures Contract [Extension Paper]. Kansas State University. <https://agmanager.info/livestock-meat/marketing-extension-bulletins/marketing-strategies-and-livestock-pricing/overview-cme>
3. **Bina, J.**, & Schroeder, T. (2018). Measuring Grain Market Price Risk [Extension Paper]. Kansas State University. <https://agmanager.info/grain-marketing/publications/measuring-grain-market-price-risk>
4. **Bina, J.**, & Schroeder, T. (2018). Prospective Fed Cattle Market Risk [Extension Paper]. Kansas State University. <https://agmanager.info/livestock-meat/marketing-extension-bulletins/price-risk/prospective-fed-cattle-market-risk>

Magazine Articles

1. Tonsor, G., & **Bina, J.** (2022, October). Introducing the Meat Demand Monitor Dashboard. Feedstuffs. <https://informamarkets.turtl.co/story/feedstuffs-october-2022/>

Radio Interviews

1. Bennett, S. (Director). (2022, September 21). New Meat Demand Monitor Dashboard. In Agriculture Today. <https://agtodayksu.libsyn.com/1277-conservation-reserve-enhancement-program-expansion-new-tool-on-agmanager>
2. Atkinson, E. (Director). (2018, January 30). Research Results on Live Cattle Options Trading. In Agriculture Today. <https://agtodayksu.libsyn.com/agriculture-today-jan-30-2018>

Presentations

1. **Bina, J.**, & Tonsor, G. (2022, August 16). Insights from the Meat Demand Monitor Dashboard [Extension Presentation]. 2022 Risk and Profit Conference, Manhattan, KS.
2. **Bina, J.**, & Tonsor, G. (2021, August 19). Balancing Beef Processing Efficiency and Resiliency Post-COVID-19 [Extension Presentation]. 2021 Risk and Profit Conference, Manhattan, KS.

Dashboards

1. **Bina, J.**, & Tonsor, G. (2022, August). Meat Demand Monitor Dashboard. Meat Demand Monitor. <https://ksmeatdemandmonitor.shinyapps.io/MDMapp/>

Academic Presentations

1. **Bina, J.** (2022, June 6). Impacts of COVID-19 Federal Aid and Financial Sentiment on Food Expenditures [Selected Paper Presentation]. Annual meeting of the Western Agricultural Economics Association, Santa Fe, NM.
2. **Bina, J.** (2021, August 2). Balancing Beef Processing Efficiency and Resiliency Post-COVID-19 [Selected Poster Presentation]. Joint meeting of the Agricultural & Applied Economics Association and Western Agricultural Economics Association, Austin, TX.
3. **Bina, J.**, Peel, D., Hough, B., Brady, T., & Seamon, F. (2019, July 1). Risk Management Performance of the CME Feeder Cattle Futures Contract [Symposium]. Annual meeting of the Western Agricultural Economics Association, Coeur d'Alene, ID.

Refereed Journal Articles

1. **Bina, J.**, Tonsor, G., Schulz, L., & Hahn, W. (2022). Regional and Plant-Size Impacts of COVID-19 on Beef Processing. *Food Policy*, 108.
<https://doi.org/10.1016/j.foodpol.2022.102247>
2. **Bina, J.**, Schroeder, T., & Tonsor, G. (2022). Feeder Cattle Basis Risk and Determinants. *Journal of Agricultural and Applied Economics*, 54(1), 137–156.
<https://doi.org/10.1017/aae.2022.2>
3. **Bina, J.**, Schroeder, T., & Tonsor, G. (2021). Conditional Feeder Cattle Hedge Ratios: Cross Hedging with Fluctuating Corn Prices. *Journal of Commodity Markets*, 26.
<https://doi.org/10.1016/j.jcomm.2021.100193>

Working Papers

1. **Justin Bina** and Glynn Tonsor. “Demand Dashboards: Interactive Tools to Communicate Consumer Behavior.” *Invited submission to Applied Economics Teaching Resources Special Issue on Educational Materials About Industry and Market Developments*.
2. **Justin Bina**, Glynn Tonsor, and Brian Coffey. “Graduate Advising in Agricultural and Applied Economics Departments: Effects of the Student-Advisor Relationship.”
3. **Justin Bina**, LaPorchia Collins, and Jennifer Kee. “Factors Contributing to Wholesale Meat and Poultry Prices During the COVID-19 Pandemic.” *ERS COVID-19 Working Paper series*.
4. **Justin Bina**, Glynn Tonsor, and Brian Briggeman. “Impacts of COVID-19 Federal Aid on Household Food Expenditures.” *Revise and resubmit at the Journal of Agricultural and Resource Economics*.

Professional Service

Volunteer Teaching Activity

- Graduate seminar “Introduction to R Programming”: 2021, 2022

Article Reviews

- Food Policy

Awards and Honors

- Graduated *summa cum laude*
- 8-time Semester Honors recipient

- 2019 Agricultural Economics Department Outstanding Senior Award
- 2019 College of Agriculture Outstanding Senior in Agricultural Economics
- 2019 Western Agricultural Economics Association Outstanding Senior Award
- Donoghue Scholar—Kansas State University Graduate School
- Hagan Scholar—Hagan Scholarship Foundation