

# Jose H. Quintero

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## Education

M.S. Agricultural, Food and Resource Economics,  
B.S. Economics,

Michigan State University, 2023  
Universidad Autónoma Chapingo, 2021

## Professional Experience

University of Arizona Aug 2023-Current  
Agricultural Enterprise Analyst, *Department of Agricultural & Resource Economics* | *Cooperative Extension*

- Cost of production studies for field crops, vegetables, fruit and nut orchards, vineyards, livestock, and other agricultural industries.
- Estimating gross revenues, capital costs of equipment, ownership costs and repair expenses for farm machinery, land rental cost, water use related expenses, labor time and costs for farm activities through the production cycle.
- Continued development of the Arizona Vegetable Budgets, the Arizona Field Crop Budgets, the Cost and Return Estimates for the state's livestock industry, and the Arizona Farm Machinery cost estimates.

Michigan State University Aug 2021-Aug 2023  
Graduate Research Assistant, *Department of Agricultural, Food, & Resource Economics*

- Assists and lead economic research applied to agribusiness, food markets, food demand, and consumer behavior using econometric & research software such as Stata, SAS, Excel & Qualtrics.
- Development & scale validation of a sentiment index that tracks primary food shoppers' beliefs towards the food economy. Finding a decrease in optimistic feelings towards the food system after major disruptive events (war, inflation, etc.), and sentiment links to the presence of bullwhip effects on the food supply chain.
- Survey research and insights reports about popular people's food perceptions: people's beliefs regarding agricultural production practices, food labels, food sourcing, food processing, and food consumption.
- Research the effects on the local food system of major transportation infrastructure investments: how TIGER grants investments in public transportation have impact on main social measures on the food system, such as food access, products' diversification, niche markets' expansion, and traffic on food establishments.

Michigan State University Aug 2022-May 2023  
Graduate Teaching Assistant, *Department of Agricultural, Food, & Resource Economics*

- TA/Grader for AFRE100 - Decision-making in the Agri-Food System
- Organization and operation of the agri-food system. Economic analysis of agri-food firms. Application of economic and management principles to decision-making in the agri-food system.

## Research, Publications & Book reviews

- **J.H. Quintero**, A.T. Byrne, T. Malone, C. Carpenter, T. Reardon "Public Transportation Investments and Their Relation to Food Consumption Patterns" (Master's thesis)
- **J.H. Quintero**, T. Malone, B. McFadden "A tool to help moderate the bullwhip effect? The Food & Agricultural Systems' Sentiment (FASS) Index"
- **J.H. Quintero**, J. Mitchell, T. Malone; Book review: "Agricultural marketing and price analysis 2<sup>nd</sup> edition" International Food and Agribusiness Management Review, <https://doi.org/10.22434/IFAMR2022.0162>

## Honors, Awards & Selected Programs

Agricultural Scholar, Farm Foundation/USDA-Economic Research Service 2022-2023  
Allan Schmid Fellowship for Institutional Economics Research, Michigan State University Spring 2022  
International Agricultural Scholar, NODAI Tokyo University of Agriculture Fall 2019

## Competitions & Conference Participation

Research Presenter – AAEA 2023 Washington D.C. Conference  
Semifinalist – AAEA 2022 Anaheim Case Study Competition  
Semifinalist – IFAMA 2022 Costa Rica Case Study Competition  
Ag Scholar Attendee – Farm Foundation 2023 Illinois & 2022 Florida and Idaho Roundtables  
Research Poster Presenter – Michigan Ag Credit Conference 2021  
Research Presenter – ISS on Food, Agriculture and Environment 2019 Tokyo Conference