

# Jose H. Quintero

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## Education

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

Michigan State University, 2023  
Universidad Autónoma Chapingo, 2021  
Universidad Autónoma Chapingo, 2017

## Professional Experience

University of Arizona Aug 2023-Current

Agricultural Enterprise Analyst, *Department of Agricultural & Applied Economics | Cooperative Extension*

- Agribusiness management program. Cost of production studies for field crops, vegetables, fruit and nut orchards, vineyards, livestock, and other agricultural industries.
- Developing financial analysis; estimating gross revenues, capital costs of equipment, ownership costs and repair expenses for farm machinery, land rental cost, water purchase and pumping expenses, labor time and costs for farm activities through the production cycle.
- Economic impact analysis studies, regional economic analysis, and input-output models.
- Draft and execute economic research proposals, primary data collection strategies, communication to stakeholders, and agricultural economic analyses.

Michigan State University

Aug 2021-Aug 2023

Graduate Research Assistant, *Department of Agricultural, Food, & Resource Economics*

- Assisted in and led economic research studies in the areas of agribusiness, food markets, food demand, and consumer behavior using econometric & research software such as R, Stata, SAS, Excel & Qualtrics.
- Development & scale validation of a sentiment index that tracks primary food shoppers' beliefs towards the food economy. Report on food demand analysis, marketing analytics, and supply chain management.
- 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.

Michigan State University

Aug 2022-May 2023

Graduate Teaching Assistant, *Department of Agricultural, Food, & Resource Economics*

- 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. Mukherjee "Arizona Agricultural Enterprise Budgets: Maricopa County's 2025 Field Crops' Production Budgets" University of Arizona Cooperative Extension
- **J.H. Quintero**, A. Mukherjee "Arizona Agricultural Enterprise Budgets: Pinal County's 2025 Field Crops' Production Budgets" University of Arizona Cooperative Extension
- **J.H. Quintero**, T. Teegerstrom, A. Alamban "Arizona Agricultural Enterprise Budgets: La Paz County's 2024 Field Crops' Production Budgets" University of Arizona Cooperative Extension
- C.V. Montania, D. Duval, **J.H. Quintero**, G. Frisvold "Arizona's Horse Racing Industry: An Economic Contribution Analysis" <http://dx.doi.org/10.2139/ssrn.5136655>
- D. Duval, F. Audoin, A. Dalke, B. Mayer, A. Antaya, **J.H. Quintero**, B. Blumm, A. Lien "Economics of Virtual Fencing Technology in Arizona" <http://dx.doi.org/10.2139/ssrn.5136551>
- D. Duval, C.V. Montania, G. Frisvold, **J.H. Quintero** "Economic Contribution of Yuma County Agriculture" <http://dx.doi.org/10.2139/ssrn.5136559>
- D. Duval, C.V. Montania, **J.H. Quintero** "Arizona County Agricultural Economy Profiles" <http://dx.doi.org/10.2139/ssrn.5136831>
- **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

Last updated: September 2025