

Jose Roberto Garcia Gamez

Profile: I am a graduate from Pan-American Agricultural University El Zamorano, majored in Agro-industrial Engineering and Food Science. Currently I am a second year MSc graduate student in Agricultural and Applied economics at Auburn University. I am interested in the application of economic theory and methods to answer research questions in the food science and agriculture settings. I have gathered through my education and work experience various abilities in both food science and economics. I have been able to work in laboratory settings and through my career have always shown leadership, communication, organization, and working under pressure. I can say that I am a responsible, organized, punctual, skilled, adaptable and a fast learner.

Education

Graduate Degree

- 2020 - 2022, MSc. Agricultural and Applied Economics, Auburn University.
 - Thesis : The Effects of Electricity Billing Structures and Electricity Rates on the Profitability of Solar Photovoltaic Projects: Evidence from Poultry Farms

Undergraduate Degree

- 2016-2019, BSc, Agro-industrial Engineering / Food Science, Escuela Agrícola Pan Americana El Zamorano.
 - Thesis: Effects of different pasteurization temperatures and homogenization pressures on physical, chemical, and sensory characteristics on cream cheese.

High School Degree:

- 2010-2015 La Estancia School, Tegucigalpa Honduras.

Experience

- **August 2022 - Current**, Research Manager, at the Experimental Economics Lab at Auburn University.
- **August 2020 – August 2022**, Graduate Research Assistant at Auburn University at the department of Agricultural Economics and Rural Sociology under the supervision of Dr. Joshua Duke.
- **Research Areas:**
 - Cover Crop Policy Analysis
 - Solar Energy Economics
 - Agricultural Marketing for local products
 - Operations Research
 - Data Analysis and Econometrics; Software: R, STATA, MATLAB, SAS, Python.
- **March 2020 – April 2020**, Visiting Scholar at Auburn University at the department of Agricultural Economics and Rural Sociology under the supervision of Dr. Joshua Duke
- **January 2019 – May 2019**, Visiting Scholar at University of Tennessee Knoxville at the department of Food Science. Worked at the sensory analysis lab under the supervision of Dr. Curtis Luckett.
- **2015-2019: Pan-American Agricultural School, Zamorano. Activities done in “Learning by Doing” educational program, Honduras**
 - **Food Science and Technology:** Meat processing plant, dairy processing plant, Innovation product plant, Horticultural-processing plant, postharvest processing plant, honey and sub products processing plant.
 - **Agricultural Sciences:** Plant Science: Agro-ecology, Intensive and Extensive Horticulture, Vegetal Protection, Organic Agriculture, Biotechnology Molecular Diagnostic.

- **Animal Science:** Poultry, Porcine, Beef Cattle, Replacement Management (Heifers and Calves), Dairy Cattle, Fish Farming, Animal Biotechnology.
- **Agribusiness:** Agro-industrial Administration, Commercialization, Costs Analysis,
- **Social, Development and Environment:** SIG and Topography, Environmental Management, Renewable Energy, Forest and Plantation Management.
- **Specialized Modules:** Water treatment and quality, Human Nutrition Laboratory, Seed Technology Processing, Animal Feed Production, Poultry Management

Languages

- **Spanish:** Native language
- **English:** Advanced proficiency

Courses Seminars and Honors

Courses:

- 2015: Participated on Economy Congress in Honduras National University. UNAH, Honduras.
- 2018: Coffee Course. Zamorano, Honduras.
- 2018: Course of preventive controls of food for humans. Zamorano, Honduras.
- 2019: Online Better Process Control School course. University of Tennessee, United States of America.

References

- Dr. Joshua Duke, Department Head Agricultural Economics and Rural Sociology Auburn University.
Email: jmd0137@auburn.edu
- Dr. Joel Cuffey, Assistant Professor Agricultural Economics and Rural Sociology Auburn University.
Email: cuffey@auburn.edu

- Dr. Adam Rabinowitz, Assistant Professor Agricultural Economics and Rural Sociology Auburn University.