

CURRICULUM VITAE**Name:** Samuel D. Zapata**Title:** Associate Professor**Address:** Texas A&M AgriLife Research & Extension Center
Weslaco, Texas 78596**Telephone:** (956) 968-5581**Fax:** (956) 969-5639**E-mail:** samuel.zapata@ag.tamu.edu**ORCID ID:** 0000-0003-0592-7393**A. Education/Training**

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
Clemson University, Clemson, South Carolina	Ph.D.	2012	Applied Economics
Clemson University, Clemson, South Carolina	M.S.	2009	Applied Economics and Statistics
Pan-American Agricultural University “El Zamorano”, Honduras	B.S.	2006	Agricultural Sciences and Production

B. Research and Professional Experience

- Associate Professor, Department of Agricultural Economics, Texas A&M University, McAllen, TX, 2022 – present
- Associate Professor and Extension Economist, Department of Agricultural Economics, Texas A&M University, Texas A&M AgriLife Extension, Weslaco, TX, 2021 – 2022
- Assistant Professor and Extension Economist, Department of Agricultural Economics, Texas A&M University, Texas A&M AgriLife Extension, Weslaco, TX, 2015 – 2021
- Assistant Research Scientist, Texas A&M AgriLife Research & Extension Center, Weslaco, TX, 2015
- Economic Consultant, Honduras, 2014 – 2015
- Data Scientist and Modeling Analyst, Cresco Ag LLC, Memphis, TN, 2013
- Statistical and Research Analyst/ Instructor, School of Agricultural, Forest, and Environmental Science, Clemson University, Clemson, SC, 2012 – 2013
- Graduate Research Assistant, The John E. Walker Department of Economics, Clemson University, Clemson, SC, 2011 – 2012
- Invited Consultant, The World Bank, Mexico City, Mexico, 2008
- Graduate Research Assistant, Department of Applied Economics and Statistics, Clemson University, Clemson, SC, 2007 – 2011
- Horticulture Instructor, Pan-American Agricultural University “El Zamorano”, Honduras, 2006 – 2007
- Intern, Dairy Consulting Services of California Inc., Madera, CA, 2006

C. Selected Awards and Honors

- 2020 Extension Team Award: Southern Extension Committee Task Force on the Farm Economy Downturn. Southern Agricultural Economics Association. Louisville, KY, January 04, 2020.

- 2019 Texas A&M AgriLife Extension Superior Service Award: “Rio Grande Valley (RGV) Small Acreage Program Team”. College Station, TX, January 09, 2020.
- 2018 Outstanding Program in Agriculture & Natural Resources: Small Acreage Program. Texas A&M AgriLife Extension Service District 12. Weslaco, TX, November 14, 2018.
- 2017 Outstanding Specialist. Texas A&M AgriLife Extension Service District 12. Weslaco, TX, November 15, 2017.

D. Professional Experience

Dr. Zapata is an Associate Professor in the Department of Agricultural Economics stationed at the Texas A&M Higher Education Center at McAllen, and the Texas A&M AgriLife Research and Extension Center in Weslaco, TX. Dr. Zapata research agenda focuses on economic feasibility analysis, economic impact of new invasive pests and diseases, production optimization, valuation of novel technologies and product attributes, price analysis, and risk management. Dr. Zapata has produced over 50 publications and have made more than 190 educational presentations to a combined audience of over 7,800 participants. He has participated in 26 publicly funded projects for a total of about \$16.9 million.

E. Selected Grants and Contracts

Advanced testing and commercialization of novel defensin peptides and therapies for HLB control. K. Mandahi et al. USDA-NIFA, 2021-2025. \$7,000,000.

Developing Canola as an alternative crop for marginal lands irrigated with brackish waters in the southern great plains region. G. Ganjegunte et al. USDA-NIFA, 2021-2025. \$869,883.

Changing the Odds of Success for Socially Disadvantaged Farmers and Ranchers in South Texas. S. Zapata et al. USDA-OPPE. 2021-2024. \$524,309.

Remote Sensing and Crop modelling Models for Crop Production with Limited Water Supplies. J. Enciso et al. Texas Water Resources Institute. 2021-2013. \$615,502.

Diversifying the Water Portfolio for Agriculture in the Rio Grande Basin. B. McCarl et al. USDA-NIFA, 2017-2022. \$1,383,497.

F. Selected Journal Publications

Zapata, S.D., F. Peguero, M. Sétamou, and O. Alabi. 2022. Economic Implications of Citrus Greening Disease Management Strategies. *Journal of Agricultural and Resource Economics* 47(2):300-323.

Zapata, S.D. and J.M. Garcia. 2022. Risk-Efficient Coverage Selection Strategies for the Pasture, Rangeland, Forage (PRF) Insurance Program. *Journal of Agricultural and Applied Economics* 54(2):286-305.

Kandel, D.R., T.G. Marconi, I.E. Badillo-Vargas, J. Enciso, **S.D. Zapata**, C.A. Lazcano, K. Crosby, and C.A. Avila. 2020. Yield and fruit quality of high-tunnel tomato cultivars produced during the off-season in South Texas. *Scientia Horticulturae* 272.

Peguero, F., **S. Zapata**, and L. Sandoval. 2019. Agricultural Production of Central America and the Caribbean: Challenges and Opportunities. *Choices* 34(3).

Enciso, J., J.C. Chavez, G. Ganjegunte, **S.D. Zapata**. 2019. “Energy Sorghum Production under Arid and Semi-Arid Environments of Texas.” *Water* 11(7):1344.

Zapata, S.D., R. Dudensing, D. Sekula, G. Esparza-Diaz and R. Villanueva. 2018 “Economic Impact of the Sugarcane Aphid Outbreak in South Texas.” *Journal of Agricultural and Applied Economics* 50(1):104-128.