

CURRICULUM VITAE

Name: Rafael Landaverde, PhD
Title: Assistant Professor
Address: Texas A&M University, College Station, TX 77843-2116
Telephone: (979) 4587993
E-mail: rafael.q@ag.tamu.edu
ORCID ID: <https://orcid.org/0000-0001-6489-0477>

Education and Training

Institution and Location	Degree	Year	Field of Study
The Ohio State University, Columbus, OH	PhD	2022	Agricultural Communication, Education, and Leadership
Texas Tech University, Lubbock, TX	MS	2019	Agricultural Education
EUDE Business School, Madrid, Spain	MBA	2018	Business Management
Zamorano University, Francisco Morazán, Honduras	BS	2015	Environment and Development

Positions and Employment

Texas A&M University	
Assistant Professor	2023-present
Accountability, Climate, Equity, and Scholarship Assistant Professor	2022 -2023
The Ohio State University	
Graduate Associate	2019-2022
Texas Tech University	
Graduate Research and Teaching Assistant	2018-2019
University of Florida	
Research Scholar	2017
Palmar Corporation, Ecuador	
Sustainable Agriculture Program Coordinator	2016

Awards and Honors

2023 Outstanding Dissertation, American Association of Agricultural Education
 2022 Third-place Innovative Poster, American Association of Agricultural Education
 2021 Presidential Fellow, Graduate School, The Ohio State University
 2021 Future Leader Fellow, Association of International Agriculture and Rural Development
 2020 Kirchner Food Fellow, Kirchner Group

Professional Experiences

Undergraduate Teaching: Towards Culturally Proficiency, Data Analysis for Applied Sciences, Agricultural Leadership Principle, Team Leadership Development, Contemporary Issues of Agricultural Leadership, Personal Leadership Development, Agricultural Meteorology, and Agroforestry Extension.

Undergraduate Experiential Learning: Undergraduate Thesis, Directed Research, Study / Research Abroad (50+ mentees).

Graduate Teaching: Social Science Research Methods and Design, and Program Evaluation and Accountability.

Synergistic Activities

Invited Workshops: *Social networks formalized as survival mechanisms in the face of the covid 19 pandemic in Honduras*. Zamorano University, 2022; *How is Climate Change Transforming our Food Systems?* Association of International Agriculture and Rural Development, 2022; *It is not Just about Water*. TEDx The Ohio State University. 2017, 2020; *The 4 H clubs: A Methodology for Youth Development in Latin America*. Fabretto Children's Foundation-Zamorano University, 2019.

Grants Awarded (Last 5 years)

Neuhaus-Shepardson Grant, College of Agriculture and Life Sciences, Texas A&M University (May 2023). \$1,500. Role: PI.

Big Data Analytics and Visualization Skills in the FANH Sciences. Course Development Grant, Texas A&M Institute of Data Science (May 2023). \$15,000 (25%). Role: Co-PI.

Publications in Refereed Journals (Past 5 years)

Landaverde, R., Rodriguez, M. T., & Parrella, J. A. (2023). Honey production and climate change: Beekeepers' perceptions, farm adaptation strategies, and information needs. *Insects*, 14(6), 493. <https://doi.org/10.3390/insects14060493>

Landaverde, R., Rodriguez, M. T., Kitchel, T., Niewoehner-Green, J., & Chuquillanqui, J. (2023). Local-scale factors and dynamics in climate adaptability among subsistence farmers. *Advancements in Agricultural Development*, 4(1), 75–89. <https://doi.org/10.37433/aad.v4i1.293>

Silvert, C.; Landaverde, R.; Diaz, J.; Rodriguez, M.; Kalauni, D. (2023). Exploring graduate students' socialization to international agriculture: A mixed method needs assessment. *Advancements in Agricultural Development*. <https://doi.org/10.37433/aad.v4i1.277>

Landaverde, R.; Rodriguez, M.T.; Niewoehner-Green, J.; Kitchel, T.; Chuquillanqui, J. (2022) Climate Change Perceptions, and Adaptation Strategies: A Mixed Methods Study with Subsistence Farmers in Rural Peru. *Sustainability*, 14, 16015, <https://doi.org/10.3390/su142316015>

Landaverde, R.; Boren-Alpizar, A.; Morales, S.; Baker, M., & Rayfield, J. (2021). Measuring Educational Intervention Impacts on Food Security and Nutrition among Rural Farmers in El Salvador: A Mixed Methods Study. *Journal of International Agricultural and Extension Education*, 28(3), 90–103. <https://doi.org/10.5191/jiaee.2021.28390>

Lamino Jaramillo, P.; Boren-Alpizar, A.; Millares Forno, C.; & Landaverde, R. (2021). Agricultural education and migration: A Comparison of Rural Youth in El Salvador and Honduras. *Advancements in Agricultural Development*, 2(1), 70–82. <https://doi.org/10.37433/aad.v2i1.77>

Non-refereed Technical Publications (past 5 years)

Adeyemi, A.; Xu, Z.; Landaverde, R.; Kogut, A.; & Baker, M. (2023). A Scoping Review of the Impacts of Educational Technologies in Agricultural Education. Annual Conference of the American Association for Agricultural Education, Raleigh, North Carolina.

- Baker, C.; Bush, S.; & Landaverde, R. (2023). An Overview of Mental Health Research in Agricultural Education. Annual Conference of the American Association for Agricultural Education -Southern Region, Oklahoma City, Oklahoma.
- Parrella, J. A.; Lu, P.; Landaverde, R.; Leggette, H. R.; & Baker, M. (2023). Multilevel modeling: Foundations and opportunities in agricultural communications, education, and Extension. Annual Conference of the American Association for Agricultural Education-Southern Region, Oklahoma City, Oklahoma.
- Ahn, J.; Baker, M.; Landaverde, R.; Uluko, H. (2023). Random Forest Algorithms for County-level Supplemental Nutrition Assistance Program (SNAP) Classifications. Annual Conference of the American Association for Agricultural Education Conference, Raleigh, North Carolina.
- Parrella, J. A.; Leggette, H. R.; Lu, P.; Wingenbach, G.; Baker, M.; Landaverde, R.; & Jackson, N. (2023). What do they value? Predicting U.S. consumers' attitude toward gene-editing. Annual Conference of the American Association for Agricultural Education, Raleigh, North Carolina.
- Cassell, N.; Landaverde, R.; & Rodriguez, M. (2023). U.S. Army Civil Affairs: Providing Stability and Security in Agadez, Niger through Agriculture. Annual Conference of the Association for International Agriculture and Extension Education, Guelph, Canada.
- Dado, M.; Staples, R.; Elliot, J., Landaverde, R. (2023). Smartphones for Smart Agriculture: A Pilot Study with Women Farmers in Uganda. Annual Conference of the Southern Rural Sociological Association, Oklahoma City, Oklahoma.
- Landaverde, R.; Ullagari, X.; & Sanders, A. (2023). Agricultural Producers Associations as Coping Strategies for the COVID-19 Pandemic in Honduras. Annual Conference of the Southern Rural Sociological Association, Oklahoma City, Oklahoma.
- Landaverde, R.; Rodriguez, M.T.; Niewoehner-Green, J.; Kitchel, T.; Chuquillanqui, J. (2023). Climate Change Perceptions and Agricultural Adaptability Strategies: A Mixed Methods Study in Rural Peru. Annual Conference of the Southern Rural Sociological Association, Oklahoma City, Oklahoma.
- Dyment, M., Landaverde, R., Specht, A., & Rodriguez, M. (2022). An Alarming Issue: A Content Analysis of Farmers Mental Health Magazine Coverage. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Wooster, Ohio.
- Landaverde, R.; Summerfield, E., Rodriguez., R.; Specht, A. (2022). Breaking News! Cultivating Cultural Proficient Conversations Using Media Outlets. Annual Conference of the American Association for Agricultural Education, Oklahoma City, Oklahoma. **Third Place-Innovative Poster.**
- Landaverde, R., Rodriguez, M., Niewoehner-Green, J., & Looer Suche, J. (2022). Towards a Culturally Proficient Classroom: Lessons Learned from an Undergraduate Course. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Wooster, Ohio.
- Landaverde, R., Rodriguez, M., De Melo Justo, V., Robinson, A., & Gianotti, R. (2022). Competition for Water Resources: Experiences from Rural Households in Sub-Saharan Africa. Annual Conference of the Association for International Agriculture and Extension Education, Thessaloniki, Greece.
- Landaverde, R., Niewoehner-Green, J., & Rodriguez, M. (2022). Women and Agricultural and Nutritional Decisions: A Qualitative Study in Rural Households in El Salvador. Annual

- Conference of the Association for International Agriculture and Extension Education, Thessaloniki, Greece.
- Landaverde, R., Rodriguez, M., Robinson, A., De Melo Justo, V., & Gianotti, R. (2021). Understanding the Role of Education in Water Governance: A Qualitative Study in Sub-Saharan Africa. Annual Conference of the American Association for Agricultural Education - North Central Region, Columbus, Ohio.
- Landaverde, R., Rodriguez, M., Robinson, A., De Melo Justo, V., & Gianotti, R. (2021). Water Governance in Sub-Saharan Africa: An Effective Model for Community Supply Systems. College of Food, Agricultural, and Environmental Sciences annual Research Poster Competition, The Ohio State University, Columbus, Ohio.
- Medina Sanchez, J., Landaverde, R., & Rodriguez, M. (2021). Food Security in Puerto Rico: A Media Content Analysis During the COVID-19 Pandemic. College of Food, Agricultural, and Environmental Sciences annual Research Poster Competition, The Ohio State University, Columbus, Ohio.
- Landaverde, R., Rodriguez, M., Gianotti, R., & Robinson, A. (2021). Water Governance: An Effective Model for Sub-Saharan Africa. Annual Conference of the Association for International Agriculture and Extension Education, Virtual Conference.
- Landaverde, R., Rodriguez, M., Robinson, A., & Gianotti, R. (2021). Water is Equality: Examining Women's Participation in Water Governance in Rural Tanzania. Conference of the Women and Gender in Development Conference, Virtual Conference.
- Landaverde, R., Rodriguez, M., Robinson, A., De Melo Justo, V., & Gianotti, R. (2021). Exploring Governance Dimensions of Private Sector Engagement in Rural Water Provision in Uganda. 42nd Water Engineering and Development Centre International Conference, Virtual Conference.
- Landaverde, R., Rodriguez, M., Robinson, A., De Melo Justo, V., & Gianotti, R. (2021). Building Water Governance for Community Supply Systems: Lessons Learned from Tanzania. 42nd Water Engineering and Development Centre International Conference, Virtual Conference.
- Lawson C., LaGrande, L., & Landaverde, R. (2021). What is on the Web: Using your College Website for the Promotion of Diversity, Equity, and Inclusion. Annual Conference of the National Agricultural Alumni Development Association, Virtual Conference.
- Landaverde, R., Boren-Alpizar, A., & Morales, S. (2021). Farmers' Risk Perceptions: An Analysis Inside and Outside the Farm in El Salvador. Annual Conference of the Association for International Agriculture and Extension Education, Virtual Conference.
- Landaverde, R., Rodriguez, M., Gianotti, R., & Robinson, A. (2021). Effective Water Governance: Lessons Learned from Rural Water Supply Systems in Tanzania. Annual Conference of the Association for International Agriculture and Extension Education, Virtual Conference.
- Landaverde, R., Boren-Alpizar, A., & Lamino, P. (2020). How is Climate Change Transforming Food Systems? International Conference on Food Security and Nutrition, Cuenca, Ecuador.
- Lamino, p., Boren-Alpizar, A., Millares Forno, C., & Landaverde, R. (2021). Agricultural Education and Migration: A comparison of Youth in El Salvador and Honduras. Annual Conference of the Association for International Agriculture and Extension Education, Virtual Conference.

- Landaverde, R., Boren-Alpizar, A., & Lamino, P. (2020). Is There a "Glass Ceiling" in Rural Households in El Salvador? International Conference on Food Security and Nutrition, Cuenca, Ecuador.
- Landaverde, R., Boren-Alpizar, A., & Lamino, P. (2020). Does Agriculture Produce Sufficient Income? International Conference on Food Security and Nutrition, Cuenca, Ecuador.
- Boren-Alpizar, A., Lamino, P., Landaverde, R., Brizuela, S., & Ospina, A. (2020). Agriculture as a Factor for Migration: A Comparison of Youth from El Salvador and Honduras. International Conference on Food Security and Nutrition, Cuenca, Ecuador.
- Landaverde, R., & Rodríguez, M. (2020). The Knowledge Gap: A Case Study on Information on Climate Change among Beekeepers in El Salvador. Annual Conference of the American Association for Agricultural Education -North Central Region, Columbus, Ohio.
- Landaverde, R., & Rumble, J. (2020). Fear or preparedness? A Content Analysis of the "Murder Hornet" News in the United States. Annual Conference of the American Association for Agricultural Education -North Central Region, Columbus, Ohio.
- Landaverde, R., & Specht, A. (2020). Picture Climate Change: Climate Change Disclosure on Social Media via Meltwater. Annual Conference of the Agricultural Communication Excellence Conference, Chicago, Illinois.
- Landaverde, R., Rumble, J., & Specht, A. (2020). A Communication Crisis? A Case Study of the Video "Milk? No Thanks" in Latin America and The Caribbean. Annual Conference of the American Association for Agricultural Education -North Central Region, Virtual Conference.
- Landaverde, R., Boren-Alpizar, A., Morales, S., Baker, M., & Rayfield, J. (2020). Promoting Food Safety in Search of Food Security: A Study of Rural Households in El Salvador. Annual Conference of the Association for International Agriculture and Rural Development, Virtual Conference.
- Landaverde, R., & Rodriguez, M. (2020). Students Perceptions Abroad: The Impacts of Climate Change in Trinidad and Tobago. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Virtual Conference.
- Boren-Alpizar, A., Lamino, P., & Landaverde, R. (2020). Comparing Agriculture Students' Migration Intentions in El Salvador and Honduras. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Virtual Conference.
- Landaverde, R., Boren-Alpizar, A., Morales, S., Baker, M., & Rayfield, J. (2020). Evaluating the Impact of an Educational Intervention for Farmers in El Salvador. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Virtual Conference.
- Landaverde, R., Boren-Alpizar, A. (2020). Limitations and Opportunities of 4-H Clubs in Honduras: A Stakeholders View. Annual Conference of the North America Colleges and Teachers of Agriculture Association, Virtual Conference.
- Landaverde, R., Escobar, F., Boren-Alpizar, A., Dejene, M., Lyford. (2020). Water for Education: The Relationship Between Water Needs and Educational Levels of Women in Ethiopia's Southern Nations, Nationalities, and People's Region. Annual Conference of the Association for International Agriculture and Extension Education, Conference Canceled.
- Landaverde, R., Boren-Alpizar, A., & Morales, S. (2020). Coping Strategies to Food Insecurity and Climate Change in Rural El Salvador: The Farmers' Perspective. Annual Conference of the Association for International Agriculture and Extension Education, Conference Canceled.
- Landaverde, R., & Boren-Alpizar, A. (2020). Understanding Local Views of 4-H Club Implementation in the Central-Eastern Region of Honduras Through a Facilitator Training.

- Annual Conference of the Association for International Agriculture and Extension Education, Conference Canceled.
- Lamino Jaramillo, P., Boren Alpizar, A., Millares Forno, C., & Landaverde, R. (2020). Pull Factors for Agriculturally Educated Rural Youth: A Study of Migration Intentions in Rumiñahui, Ecuador. Annual Conference of the Association for International Agriculture and Extension Education, Conference Canceled.
- Landaverde, R., Boren-Alpizar, A., Dejene, M., Lyford, C. (2019). Coping Strategies to Food Insecurity in Southern Nations, Nationalities, and People's Nationalities (SNNPR) of Ethiopia: A Gender View Annual Conference of the Association for International Agriculture and Extension Education, Port of Spain, Trinidad &Tobago.
- Boren-Alpizar, A., Landaverde, R., Millares, C. (2019). Explaining the brain drain: Intentions of youth migration in Chalatenango, El Salvador. Annual Conference of the Association for International Agriculture and Extension Education, Port of Spain, Trinidad &Tobago.
- Landaverde, R., Oliver E., &Boren-Alpizar, A. (2019). Analysis of School Gardens Performance in the Southwest Region of Ghana. Annual Conference of the Association for International Agriculture and Extension Education, Port of Spain, Trinidad &Tobago.
- Landaverde, R., & Boren-Alpizar, A. (2019). Factors Influencing Food Choices and Nutrition-related Attitudes among Small Farmers in Rural El Salvador: A Qualitative Study. Annual Graduate School Poster Competition, Texas Tech University, Lubbock, Texas.
- Millares, C., Landaverde, R., Lu, P., Irlbeck, E., & Boren-Alpizar, A. (2019). An International Agriculture Urban View Annual Conference of the American Association for Agricultural Education - Western Region, Anchorage, Alaska.
- Millares, C., Landaverde, R., Lu, p., Irlbeck, E., & Boren-Alpizar, A. (2019). An Agriculture Urban View. Annual Conference of the Association for International Agriculture and Extension Education, Conference Canceled.