

**CURRICULUM VITAE****Name:** Robert Strong**Title:** Associate Professor**Address:** 600 John Kimborough Blvd. Suite 267, College Station, TX. 77845**Telephone:** (979) 845-1139**Fax:** (979) 862-3003**E-mail:** [robert.strongjr@ag.tamu.edu](mailto:robert.strongjr@ag.tamu.edu)**ORCID ID:** <https://orcid.org/0000-0001-5279-4808>**A. Education/Training**

INSTITUTION AND LOCATION	DEGREE	YEAR (s)	FIELD OF STUDY
University of Florida	Ph.D.	2010	Agricultural Education and Communication
University of Tennessee	M.S.	2001	Extension Education
Middle Tennessee State University	B.S.	1996	Animal Science

**B. Positions and Employment****Associate Professor****September 2016 – present***Department of Agricultural Leadership, Education, and Communications**Texas A&M University, College Station, Texas***Assistant Professor****July 2010 – August 2016***Department of Agricultural Leadership, Education, and Communications**Texas A&M University, College Station, Texas***Graduate Research Assistant****August 2007 – July 2010***Department of Agricultural Education and Communication**University of Florida, Gainesville, Florida***Extension Agent & Program Leader****November 1996 – August 2007***Putnam County, Cookeville, Tennessee**Orange County, Orlando, Florida***C. Awards and Honors**

2022 Association of Former Students College Teaching Award

2022 AAAE Leadership Academy

2022 Educator Award: NACTA

2022 Distinguished Extension Educator Award: AAAE

2022 Southeastern Conference Travel Grant

2022 Distinguished Research Oral Presentation: AIAEE

2022 Distinguished Research Poster: AIAEE

2022 Melbern G. Glasscock Humanities Special Award

2021 Leadership Award: AIAEE

2021 Dean Fellow: College Academic Professional Track Faculty Task Force

2021 Dean Fellow: Youth Development in AgriLife Task Force

2021 1st Place Oral Presentation; Public Service Graduate Category – TAMU SRW

2021 1st Place Oral Presentation; Public Service Graduate Category – TAMU SRW

2020 Outstanding Service Award: AIAEE

#### **D. Professional Experience**

##### EVALUATION and DEI EFFORTS

Extensive experience with external and internal evaluation on numerous USDA, USAID, and NSF projects. Current external evaluator for *GetAgSmart: Building Capacity in Smart Agricultural Technologies for Underserved Communities*. Experience working with HBCUs; Tennessee State University, Prairie View A&M University, North Carolina Agricultural and Technical State University, and the University of the Virgin Islands.

**Editor** – *Advancements in Agricultural Development*

**President** – Association for International Agricultural and Extension Education

**Editor** – *Journal for International Agricultural and Extension Education*

**Editorial Board** – *NACTA Journal*

**International Experiential Learning.** Develop & led three Belize study abroad programs

**International Research.** I serve as an external reviewer on theses and dissertations for the University College of Dublin and the University of West Indies in Trinidad and Tobago

**Courses taught.** Leading Change; Frontiers in Research; Leading and Training Adults; Instrumentation and Social Survey Research Methods

#### **E. Grants Received as External Evaluator**

*Reclaiming the Story of Agriculture Fellow Program* (2021-2024). (\$250,000). Lindner, J. R. (PI), **Robert Strong** (Co-PI) – **external evaluator**. This proposal from Auburn University was funded by the United States Department of Agriculture’s National Institute of Food and Agriculture to develop three National Needs Fellowships for industry, academia, and government careers in food and agricultural sciences.

*GetAgSmart: Building Capacity in Smart Agricultural Technologies for Underserved Communities* (October 2021-September 2024) (\$749,719). PI Ali Fares Co-PIs Rabi Mohtar, Janie Moore, **Robert Strong (external evaluator)**, Kim Dooley, Rukeia Draw-Hood, Ripendra Awal, Peter, Ampim, Ram Ray. This multi-institutional proposal from Prairie View A&M University and Texas A&M University proposal was funded by the United States Department of Agriculture’s National Institute of Food and Agriculture to develop electronic curricula for underserved students’ awareness of Smart Agricultural Technologies, recruit underserved students to our colleges, and foster their development for post-graduate careers in food and agricultural sciences.

*Leadership Case Studies Contextualized in Agricultural Disasters* (October 2018-September, 2022). (\$747,980). Co-PI’s T. Grady Roberts, **Robert Strong (external evaluator)**, James Lindner, Christopher Stripling, Mary Rodriguez, Matthew Sowchik, Kim Dooley, & Amy Harder, & Nicole Stedman. This was funded by the United States Department of Agriculture – National Institute of Food and Agriculture to (a) improving the quality of undergraduate instruction, (b) preparing food and agricultural sciences’ faculty, and (c) prepares undergraduates for food and agricultural sciences through the development and use openly-accessible digital case studies and reusable learning objects (RLOs) for students and faculty constructed through field based-learning experiences.

**LIST OF SELECTED REFEREED JOURNALS (last 5 years)**

- Ray, N., **Strong, R.**, & Meyers, C. (2022). Measuring the perceived usefulness of social media professional learning networks to elevate agricultural development. *Advancements in Agricultural Development*, 3(4), 43–56. <https://doi.org/10.37433/aad.v3i4.275>
- Seitz, P., **Strong, R.**, Hague, S., & Murphrey, T. P. (2022). Evaluating agricultural extension agent’s sustainable cotton land production competencies. *Land*, 11(11), 2075. <https://doi.org/10.3390/land11112075> 3.91 Web of Science Impact Factor Journal.
- Baker, C. N., **Strong, R.**, McCord, C., & Redwine, T. (2022). Evaluating the effects of social capital, self-stigma, and social identity in predicting behavioral intentions of agricultural producers to seek mental health assistance. *International Journal Environmental Research and Public Health*, 19, 12110. <https://doi.org/10.3390/ijerph191912110>
- Strong, R.**, Wynn II, J. T., Lindner, J. R., & Palmer, K. (2022). Evaluating Brazilian agriculturalists’ IoT smart agriculture adoption barriers: Understanding stakeholder salience prior to launching an innovation. *Sensors*, 22, 6833. <https://doi.org/10.3390/s22186833>
- Strong, R.**, Strong, J., Palmer, K., & Miller, B. J. (2022). Evaluating students’ reactions, learning, behavior, and results from adopting the Dr. Joe Townsend Leadership Fellows Program. *Proceedings from the American Association for Agricultural Education*. <https://doi.org/10.13140/RG.2.2.28806.45120>
- Ahn, J., Briers, G., Baker, M., Price, E., Clement, D., Djebou, S., **Strong, R.**, Piña, M., & Kibriya, S. (2022). Food security and agricultural challenges in West-African rural communities: A machine learning analysis. *International Journal of Food Properties*, 25(1), 827–844. <https://doi.org/10.1080/10942912.2022.2066124>
- Ahn, J., Briers, G., Baker, M., Price, E., Strong, R., Piña, M., Zickafoose, A., & Lu, P. (2022). Radio communications on family planning: Case of West Africa. *International Journal of Environmental Research and Public Health*, 19(8), 4577. <https://doi.org/10.3390/ijerph19084577>
- Strong, R.**, Zoller, J., & Palmer III, J. M. (2022). Evaluating the adoption of virtual reality equine selection and judging curricula: Instructional responses to a COVID-19 consequence. *Journal of International Agricultural and Extension Education*, 29(1), 76–85. <https://doi.org/10.4148/2831-5960.1025>
- Palmer, K., & **Strong, R.** (2022). Evaluating impacts from natural weather-related disasters on farmers mental health worldwide. *Advancements in Agricultural Development*, 3(1), 43–56. <https://doi.org/10.37433/aad.v3i1.175>
- Baker, C., **Strong, R.**, McCord, C., & Redwine, T. D. (2022). Seeking support for mental health: Evaluating social identity, social capital, and self-stigma of agricultural producers and their help-seeking preferences. *Advancements in Agricultural Development*, 3(1), 57–69. <https://doi.org/10.37433/aad.v3i1.179>
- EVAL framework: Developing impact evaluation scholars. *Advancements in Agricultural Development*, 2(3), 1–13. <https://doi.org/10.37433/aad.v2i3.139>
- Lee, C.-L., **Strong, R.**, & Dooley, K. E. (2021). Analyzing precision agriculture adoption across the globe: A systematic review of scholarship from 1999–2020. *Sustainability*, 13, 10295. <https://doi.org/10.3390/su131810295>

Olsovsky, T. B., **Strong, R.**, & Berthold, A. (2021). Enhancing landowner adoption of the Natural Resource Conservation Service’s recommended beef cattle grazing management practices. *Advancements in Agricultural Development*, 2(1), 56-69.

<https://doi.org/10.37433/aad.v2i1.89>

Mikwamba, K., Dessein, J., Kambewa, D., Messely, L. & **Strong, R.** (2020).

Collaborative governance dynamics in innovation platforms: case of Malawi’s District Stakeholder Panel. *Journal of Agricultural Education and Extension*, 27(2), 255-275.

<https://doi.org/10.1080/1389224X.2020.1844767>

Huynh, P., Murphrey, T. P., Dooley, K. E., **Strong, R.**, & Dooley, L. (2019). An examination of postsecondary agricultural education instructors’ perspectives of the case study instructional technique and the development of a model to encourage use. *Journal of Agricultural Education*, 60(3), 173-190.

<https://doi.org/10.5032/jae/2019.03173>

#### **LIST OF SELECTED TECHNICAL PUBLICATIONS** (past 5 years)

**Strong, R.**, Harder, A., Stedman, N. L. P., & Roberts, T. G. (2022, November 14–17). Evaluating faculty adoption of digital case studies: Lessons learned from a federally-funded faculty development project [Oral presentation]. Online Learning Consortium Accelerate Conference, Orlando, Florida.

Ray, N., **Strong, R.**, Drum, E., Edwards, V., & Mitchell, M. (2022, September 19–21). A roadmap for planning inclusive and equitable academic discourse [Poster Presentation]. Western Region of the American Association for Agricultural Education Conference, Las Cruces, New Mexico. 15 –18.

Palmer, K., **Strong, R.**, & \*Ray, N. (2022, September 19–21). Reusable learning objects for extension agents to discern farmers' mental-health [Poster Presentation]. Western Region of the American Association for Agricultural Education Conference, Las Cruces, New Mexico. 59–62.

Sprayberry, S., **Strong, R.**, & Murphrey, T. P. (2022, September 19–21). A systematic review of youth programs addressing agricultural literacy and nutrition [Poster Presentation]. Western Region of the American Association for Agricultural Education Conference, Las Cruces, New Mexico. 147–150.

Seitz, P., **Strong, R.**, Hague, S., & Murphrey, T. P. (2022, September 19–21). Evaluation of extension agents’ sustainable cotton training needs using the Ranked Discrepancy Model (RDM) [Poster Presentation]. Western Region of the American Association for Agricultural Education Conference, Las Cruces, New Mexico. 192–195.

Lee, C-L., **Strong, R.**, Briers, G. E., Murphrey, T. P & Rajan, N. (2022, September 19–21). Promoting climate- smart agricultural technologies: Extension and behavioral intention [Poster Presentation]. Western Region of the American Association for Agricultural Education Conference, Las Cruces, New Mexico. 245–248.

**Strong, R.**, Strong, J., Palmer, K., & Miller, B. (2022, May 16–19). Evaluating student outcomes from a College of Agriculture and Life Sciences leadership development program. [Oral presentation]. American Association for Agricultural Education Conference, Oklahoma City, OK. 49, 777–791.

**Strong, R.**, Palmer III, J. M. P., & Zoller, J. (2022, April 4–7). Student assessments of virtual reality equine curricula: Results from COVID-19 induced cyber instruction. [Oral presentation]. 2022 Association of International Agricultural and Extension Education, Thessaloniki, Greece. 181–185.

Lee, C-L., & **Strong, R.** (2022, April 4–7). The neglect of marginalized farmers in the innovation decision process: Precision agriculture adoption attributes for smallholder farmers.

- [Oral presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece. 47–51.
- Dooley, K. E., **Strong, R.**, Murphrey, T. P., Strong, J., Elbert, C., & Baker, M. (2022, April 4–7). Impact evaluation for evidence-based decision making through engaged scholarship in food, agriculture, natural resources and related sciences. [Oral presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece. 230–235.
- Palmer, K., & **Strong, R.** (2022, April 4–7). Natural disasters mental-health impacts on Australian, Greek, and United States farmers. [Oral presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece. 332–337.
- Strong, R.**, Roberts, T. G., & Harder, A. (2022, April 4-7). Teaching the Human Dimension in Agricultural and Natural Resources: Lessons Learned from a Field Experience Examining the Impact of Hurricane Michael [Poster Presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece.
- Palmer III, J. M. P., & **Strong, R.** (2022, April 4-7). Virtual Reality adoption among European Agricultural Colleges and Universities. [Poster Presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece.
- Lee, C.-L., Mulkerrins, M., & **Strong, R.** (2022, April 4-7). Transdisciplinary Strategies to Assess Food and Agriculture’s Impact on Public Health. [Oral presentation]. Association of International Agricultural and Extension Education, Thessaloniki, Greece. 5.
- Strong, R.**, Dooley, K., Murphrey, T., Strong, J., Elbert, C., & Baker, M. (2021). The **Strong, R.**, & Baker, C. (2020). *Are Food Security and Climate Change Contentious Issues? Establishing Agricultural Students’ Sense of Urgency to Lead Change*. In Association for International Agricultural and Extension Education, 35, 274–77.
- Baker, M., & **Strong, R.** (2019). *The Adoption Potential of Agricultural Education Curricula for Girls in a Rural Ugandan Empowerment Project*. In 35th Annual Conference Proceedings. Port of Spain, Trinidad and Tobago: AIAEE.
- Roberts, T. G., Harder, A., Lindner, J. R., Dooley, K. E., **Strong, R.** Lundy, L., Stripling, C., & Stedman, N. L. P. (2019). *Exploring the Impacts of an International Field Experience on the Social Capital of University Faculty*. In 2019 AIAEE Conference Proceedings, 186–88.
- Harder, A., Stedman, N. L. P., Roberts, T. G., Lindner, J. R., & **Strong, R.** (2018). Using contextualized examples of climate change’s impact on food security to develop student’s critical thinking skills in tertiary institution. *Proceedings of the Caribbean Food Crops Society*, 54, 1-12.
- Strong, R.**, Odom, S. F., & Dunn, A. (2018). *Articulate Enhanced Students’ Critical Thinking: An Evaluation of Student Feedback and Outcomes from Online Modules*. In Discovery Session. Orlando, FL: Online Learning Consortium
- Baker, M., & **Strong, R.** (2018, May 3). *Facilitation Techniques to Yield an Andragogical Learning Community: Innovative Teaching Strategies for Agricultural Education Teachers*. Feed the Future Conference on Innovation in Agricultural Education, Pétionville, Haiti
- Baker, M., **Strong, R.**, & Boyd, B. (2018). *Developing Critical Thinking and Social Capital in International Agricultural Education: A Case Study in Preparing the Next Generation*. Association for International Agricultural and Extension Education. Mexico.
- Malaidza, H. M., **Strong, R.**, & Edmunds, K. A. (2018). *Advancing Use of Appropriate Farm Mechanization Adoption among Small-Scale Malawian Farmers*. AIAEE, Merida