

**CURRICULUM VITAE****Name:** Theresa Pesl Murphrey**Title:** Professor**Address:** 600 John Kimbrough Boulevard, Rm 236, College Station, Texas 77843-2116**Telephone:** (979) 458-2749 **Fax:** (979) 979-845-6296**E-mail:** [t-murphrey@tamu.edu](mailto:t-murphrey@tamu.edu)**ORCID ID:** <https://orcid.org/0000-0003-4996-6087>**Education**

Institution and Location	Degree	Year(s)	Field of Study
Texas A&M University, College Station, TX	PhD	1997	Agricultural Education
Texas A&M University, College Station, TX	MS	1993	Agricultural Education
Texas A&M University, College Station, TX	BS	1992	Agricultural Development

**Positions and Employment****Department of Agricultural Leadership, Education, & Communications, Texas A&M University, Professor** (September 2020 - Present)**Department of Agricultural Leadership, Education, & Communications, Texas A&M University, Associate Professor** (September 2014 – August 2020)**Department of Agricultural Leadership, Education, & Communications, Texas A&M University, Assistant Professor** (November 2008 – August 2014)**Department of Agricultural Leadership, Education, & Communications, Texas A&M University, Visiting Assistant Professor & Curriculum Designer** (2003 - 2008)**International Potato Center, Consultative Group on Intl Agricultural Research, Lima, Peru, Instructional Designer and Instructor** (2000 – 2003; Part-time)**Department of Agricultural Education, Texas A&M University, Adjunct Assistant Professor** (1998 - 2003)**The Agriculture Program, Texas A&M University, Special Assistant to the Executive Associate Dean** (1999–2002)**Intl Agricultural Programs, Texas A&M University, Curriculum Designer** (1998 - 1999)**Awards and Honors**

Selected awards and honors: Open Education Champion Award (April 2023); *NACTA Journal* Bob Gough Teaching Tip Award (May 2021); Distinguished Achievement Award for College-Level Teaching (October 2020); NACTA Educator Award (June 2019); Dean's Outstanding Achievement Award in Diversity (Sept 2018); Association for International Agricultural and Extension Education Fellow (May, 2013); United States Distance Learning Association – Gold Teaching Award (May, 2010)

**Teaching Experience**

Dr. Murphrey's teaching focuses on evaluation, instructional design, and diffusion of innovations. Undergraduate Course: Technology-Enhanced Instructional Design Strategies for

Agriculture (ALEC 412). Graduate Courses: Advanced Instructional Design for Online Learning (ALEC 612), eLearning Development and Delivery Techniques (ALEC 613), Survey of Evaluation Strategies for Agriculture (ALEC 623)

### **Grants Received (past 5 years)**

**AGEP 2021 National Research Conference.** (2021-2024). Funded by the National Science Foundation Directorate for Education and Human Resources AGEP Program under HRD grant #2040493. Program Leads: King (PI), **Murphrey (Co-PI)**, Coffin (Co-PI), & Carter-Sowell (Co-PI). \$98,547

**Gender Lensed Curricula for the FANH Sciences.** (2020-2023). Funded by the United States Department of Agriculture National Institute for Food and Agriculture. Program Leads: Piña (PI) & **Murphrey (Co-PI)**. \$149,949

**Collaborative Research: The Texas A&M System AGEP Alliance: A Model to Advance Historically Underrepresented Minorities in the STEM Professoriate.** (2017-2023) Funded by the National Science Foundation - Alliances for Graduate Education and the Professoriate (AGEP) (NSF 16-552). Program Leads: Butler-Purry, (PI) Moreira, (PI), Fowler, (PI), Pellois, (PI), Carter-Sowell, (PI); **Murphrey, (Co-I)**. \$1,387,325

**Fueling the Mind, Feeding the World: Enhancing Communication and Decision-Making Skills of Secondary Agricultural Education Students.** (2019-2023). Funded by the Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grant (SPECAs) Program organized by USDA. Program Leads: Leggette, H. (PI), & **Murphrey, T.P. (Co-PI)**. \$297,504

**Strengthening Communication Skills of Agricultural Students: Using Real-World Examples to Meet Industry Employment Needs.** (2017-2020). Funded by United States Department of Agriculture National Institute for Food and Agriculture's Higher Education Challenge Grant (HEC) Program Leads: Leggette (PI) & **Murphrey (Co-PI)**, (Project #: TEX09682). \$139,584

**Graduate Education at the Nexus of Global Horticulture and Human Nutrition to Enhance Community Resilience and Food Security.** (2017-2020). Funded by United States Department of Agriculture National Institute for Food and Agriculture's Higher Education Challenge Grant (HEC) Program. University of Arkansas as Prime in Collaboration with Texas A&M University and Texas Tech University. Texas A&M Leads: Davis, Dooley, Lombardini, **Murphrey**, Norton (Project #: ARK02553). \$692,054

### **Synergistic and Collaborative Activities**

Hatch Project: *Advancing human resources for food, agriculture, natural resources, and human (FANH) sciences: Identification of barriers and the development of enablers*; Texas A&M Triad Research Collaboration with Robichau and Kaspar: *Preparing Non-Profit Members to Communicate with Elected Officials*; NIH Grant Collaboration with Harlin et al., *K-12 Educational Resources on Vaccine Biology and SARS-CoV-2 Vaccine Hesitancy*, Serving as Internal Evaluator; Collaboration with TAMU IMSD (*Initiative for Maximizing Student Development*) T32, Serving as Internal Evaluator.

### **Publications in Refereed Journals (past 5 years)**

Google scholar h-index is 17 and i10-index is 29; 61 journal articles; 143 conference proceedings/presentations, and 91 poster presentations.

- Parrella, J. A., Esquivel, C., Leggette, H. R., & **Murphrey, T. P.** (2023). Preparing agricultural leaders: an assessment of agricultural students' perceived importance and development of employability skills. *The Journal of Agricultural Education and Extension*, 1-23. <https://doi.org/10.1080/1389224X.2023.2179086>
- Koswatta, T. J., Wingenbach, G., Leggette, H. R., & **Murphrey, T. P.** (2023). Factors affecting public perception of scientific information about organic foods. *British Food Journal* 125(2), 587–607. <https://doi.org/10.1108/BFJ-08-2021-0874>
- Seitz, P., Strong, R., Hague, S., & **Murphrey, T. P.** (2022). Evaluating agricultural extension agent's sustainable cotton land production competencies: Subject matter discrepancies restricting farmers' information adoption. *Land*, 11(11), 2075.
- Baldock, K. D., **Murphrey, T. P.**, Briers, G. E., Rayfield, J., & Frazee, S. (2022). Agricultural Educators' Adoption of Inquiry-Based Learning (IBL): Effects of Beliefs. *Journal of Agricultural Education*, 63(4).
- Murphrey, T. P.**, Carter, C. R., Regisford, C. G. E., Carson, L. E., Butler-Purry, K., Carter-Sowell, A. R., Ganesa, A., & Richburg, A. (2022). An examination of the paths of successful diverse STEM faculty: Insight for programming. *Frontiers in Education*, 7, 767476. <https://doi.org/10.3389/educ.2022.767476>
- Burr, E. M., Kelly, K. A., **Murphrey, T. P.**, & Koswatta, T. J. (2022). An ecological approach to evaluating collaborative practice in NSF sponsored partnership projects: The SPARC model. *Frontiers in Psychology*, 12, 751660. <https://doi.org/10.3389/fpsyg.2021.751660>
- Strong, R., Dooley, K., **Murphrey, T. P.**, Strong, J. Elbert, C., & Baker, M. (2021). The EVAL framework: Developing impact evaluation scholars. *Advancements in Agricultural Development*, 2(3), 1–13. <https://doi.org/10.37433/aad.v2i3.139>
- Lane, K., & **Murphrey, T. P.** (2020). Benefits of and best practices for international experiences for college students: A synthesis of the literature. *Journal of International Agricultural and Extension Education*, 27(4), 39-61. <https://doi.org/10.5191/jiaee.2020.27439>
- Baldock, K.D., & **Murphrey, T.P.** (2020). Secondary students' perceptions of inquiry-based learning in the agricultural classroom. *Journal of Agricultural Education*, 61(1), 235-246. <https://doi.org/10.5032/jae.2020.01235>
- Norris, S., **Murphrey, T. P.**, & Leggette, H. R. (2019). Do they believe they can communicate? Assessing college students' perceived ability to communicate about agricultural sciences. *Journal of Agricultural Education*, 60(4), 53-70. <https://doi.org/10.5032/jae.2019.04053>
- Huynh, P. B., **Murphrey, T. P.**, Dooley, K. E., Strong, R., & Dooley, L. M. (2019). 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>.
- Dewald, S., **Murphrey, T. P.**, Leggette, H. R., Berthold, A., & Wagner, K. (October 2019). Landowner adoption of water quality best management practices: Motivations and barriers. *Journal of Extension*, 57(5). JOE ID 5RIB4. <https://joe.org/joe/2019october/rb4.php>
- Murphrey, T. P.**, Koswatta, T. J., Dooley, K. E., & Edgar, L. D. (2018). An analysis of evaluation methods implemented in studies published in the Journal of International Agricultural and Extension Education from 1994 to 2018: A 25 year review. *Journal of*

*International Agricultural and Extension Education*, 25(4).

<https://doi.org/10.5191/jiaee.2018.25402>

- Dewald, S., Leggette, H. R., **Murphrey, T. P.**, Berthold, A., & Wagner, K. (2018). Communicating to landowners in the Texas Little River watershed: A descriptive analysis of their communication preferences for receiving water-related information. *Journal of Agricultural Education*, 59(2), 343-369.  
<https://doi.org/10.5032/jae.2018.02343>

### Technical Publications (past 5 years)

- Strong, R., Lee, C.-L., Briers, G. E., **Murphrey, T. P.**, & Rajan, N. (2023, April 26-29). Evaluating self-efficacy's effect on extension agents' intentions to promote precision agriculture technologies for farmer adoption. *2023 Association for International Agricultural and Extension Education (AIAEE) Conference*, Guelph, Ontario, Canada.
- Strong, R., Lee, C.-L., Briers, G. E., **Murphrey, T. P.**, & Rajan, N. (2023, April 26-29). Promoting precision agriculture technologies: Enhancing capacity of extension personnel. *2023 Association for International Agricultural and Extension Education (AIAEE) Conference*, Guelph, Ontario, Canada.
- Grasso, M., & **Murphrey, T. P.** (2022, November 5). Alliance collaboration and leadership [Workshop session]. *2022 National Science Foundation Alliances for Graduate Education and the Professoriate National Research Conference*, Corpus Christi, TX, USA.
- Mehrubeoglu, M., Kelly, K., Butler-Purry, K., Green, M., Walton, S., Richardson, R., Carson, L., Challoo, L., Challoo, R., Moreira, R., Carter, C., Fowler, D., King, S., Coffin, R., **Murphrey, T.**, & Burr, E. (2022, November 4). Evolution of TxARM model of STEM: Assisting underrepresented minority STEM Ph.D. dissertators to transition to academic careers through personalized pathways [Oral presentation]. *2022 National Science Foundation Alliances for Graduate Education and the Professoriate National Research Conference*, Corpus Christi, TX, USA.
- Kelly, K., Burr, E., McGee, R., Mehrubeoglu, R., Lu, S., Sato, B., **Murphrey, T. P.**, Richburg, A., Richardson, R., Kedia, R., Green, M., Moreira, R., Walton, S., & Butler-Purry, K. (2022, November 4). Expanding dissemination strategies and structures to promote broader awareness and adoption of successful innovations [Oral presentation]. *2022 National Science Foundation Alliances for Graduate Education and the Professoriate National Research Conference*, Corpus Christi, TX, USA.
- Murphrey, T. P.**, Regisford, G., & Coffin, R. (2022, November 4). The benefits and opportunities of engaging across diverse institutions for emerging and early career faculty [Oral presentation]. *2022 National Science Foundation Alliances for Graduate Education and the Professoriate National Research Conference*, Corpus Christi, TX, USA.
- Richburg, A., **Murphrey, T. P.**, & Elbert, C. (2022, November 4). Facilitating impactful events: A novel approach to identifying conference characteristics desired by attendees to bring about change [Oral presentation]. *2022 National Science Foundation Alliances for Graduate Education and the Professoriate National Research Conference*, Corpus Christi, TX, USA.
- Murphrey, T.**, Leggette, H., Esquivel, C., Bates, A., Richburg, A., & Parrella, J. (Summer 2022). Quick assignments: Free curriculum materials to teach decision-making skills [Paper presentation]. *Supporters of Beginning Agriculture Teachers Digital Conference*, virtual conference.

- Murphrey, T. P.**, Pina, M., Philpot, D., & Richburg, A. (2022, May 4). Encouraging transformative learning application of evidence-based practices in a gendered lensed curricula? [Paper presentation]. *2022 Transformational Teaching and Learning Conference*, College Station, TX, United States.
- Parrella, J. A., Leggette, H. R., & **Murphrey, T. P.** (2022, May 4). Prompting teachers to reflect: Do your visual communication strategies improve or impede student learning? [Paper presentation]. *2022 Transformational Teaching and Learning Conference*, College Station, TX, United States.
- Murphrey, T. P.**, Esquivel, C., Richburg, A., & Fritsch, B. (2022, May 4). The role of motivation in learning: What do students say? [Paper presentation]. *2022 Transformational Teaching and Learning Conference*, College Station, TX, United States.
- Benson, C., Rodriguez, M., **Murphrey, T. P.**, & Philpot, D. (2022, April 4-7). The application of a gendered lens in planning and implementing global development research and evaluation [Professional development session]. *2022 AIAEE Conference*, Thessaloniki, Greece.
- Leggette, H. R., Parrella, J. A., **Murphrey, T. P.**, Bates, A., & Esquivel, C. (2022, June 20-24). *Is there a need? Investigating secondary agricultural education teachers' perceptions about the development of educational resources designed to improve their ability to teach decision-making skills* [paper presentation]. [Special supplement: Abstract]. North American Colleges and Teachers of Agriculture, Wooster, OH, United States.
- Murphrey, T. P.**, Esquivel, C., Richburg, A., & Fritsch, B.-A. (2022, June). *Understanding motivation of students majoring in agriculture and natural sciences as compared to other majors: What can we learn?* North American Colleges and Teachers of Agriculture, Wooster, OH, United States.
- Parrella, J. A., Leggette, H. R., & **Murphrey, T. P.** (2022, February). *Investigating students' career-readiness in the agricultural sciences: A phenomenological case study* [Paper presentation]. Southwest Educational Research Association, New Orleans, LA, United States.
- Dooley, K. E., Strong, R. L., 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]. 2022 AIAEE Conference, Thessaloniki, Greece [International]
- Murphrey, T. P.**, Piña, M. P. Jr. (2022, March 5). Leading and managing transdisciplinary teams for transformative learning: Lessons learned. *9<sup>th</sup> Universality of Global Education Conference*, Sam Houston State University, Huntsville, TX, United States.
- Moreira, R. G., Kelly, K.A., **Murphrey, T.P.**, Walton, S. D., Richardson, R., & Butler-Purry, K. (2022, February 23-25). *The power of mentoring networks to support diverse graduate students and early career faculty in STEM* [Paper presentation]. Southwest Educational Research Association, New Orleans, LA, United States.
- Flanagan, B., & **Murphrey, T. P.** (2021, April 12-14). *The case of the underground forest: How a non-governmental organization change agent encouraged change that continues to change lives and the landscape* [Oral presentation]. 2021 AIAEE Conference, virtual [International].
- Bush, M. L., Parrella, J., **Murphrey, T. P.**, & Leggette, H. R. (2021, March 29-April 2). *Promoting workforce readiness: Investigating agricultural students' professional skill development and career identification* [Oral presentation]. Texas A&M University Student Research Week, College Station, TX, United States.
- Murphrey, T. P.**, Kelly, K. A., Morris, L. J., Richardson, R., Walton, S. D., Ganesan, A., Butler-Purry, K. L., & Moreira, R. G. (2021, February). *Using the case study method to*

- demonstrate URM STEM graduate student success and how to promote participation* [Oral presentation]. 44<sup>th</sup> Annual Southwest Educational Research Association Meeting, presented virtually (<https://sera-edresearch.org/conference>) [Regional]
- Huynh, P. B., **Murphrey, T. P.**, Koswatta, T. J., & Appelbaum, N. (2020, October). *A job analysis for assessment positions in higher education: Shining a light on 21<sup>st</sup> century competencies* [Oral presentation]. American Evaluation Association Annual Conference, presented virtually. [National]
- Kelly, K., Burr, E., **Murphrey, T. P.**, & Coffin, R. (2020, September). *The value added by third party evaluators* [Oral presentation]. National Organization of Research Development Professionals Annual Conference, San Antonio, TX, presented virtually. [National]
- Hapes, R., **Murphrey, T. P.**, & Smith, K. (2020, June). *Encouraging student success: The effect of peer mentor interaction on non-cognitive factors in first year students* [Oral abstract]. North American Colleges and Teachers of Agriculture Annual Conference, Las Cruces, NM. (Conference presented virtually due to COVID-19) [National]
- Murphrey, T. P.**, Dewald, S., & Skaggs, C. L. (2020, June). *Students' participation in 4-H and FFA and their knowledge of the Farm Bill* [Oral abstract]. North American Colleges and Teachers of Agriculture Annual Conference, Las Cruces, NM. (Conference presented virtually due to COVID-19) [National]
- Esquivel, C. H., **Murphrey, T.**, Harlin, J., & Boyd, B. (2020, June). *Instructor influence and agricultural student self efficacy towards learning* [Oral abstract]. North American Colleges and Teachers of Agriculture Annual Conference, Las Cruces, NM. (Conference presented virtually due to COVID-19) [National]
- Esquivel, C. H., **Murphrey, T.**, Harlin, J., & Boyd, B. (2020, June). *Enactive mastery experiences and student self-efficacy towards learning* [Oral abstract]. North American Colleges and Teachers of Agriculture Annual Conference, Las Cruces, NM. (Conference presented virtually due to COVID-19) [National]
- Rodriguez, J. R., Norris, S., Leggette, H. R., **Murphrey, T. P.**, & Herring, A. (2020, June). *Herd that? Investigating students' communication scores in a beef production course* [Oral abstract]. North American Colleges and Teachers of Agriculture Annual Conference, Las Cruces, NM. (Conference canceled due to COVID-19) [National]
- Hapes, R., & **Murphrey, T. P.** (2020, April). *Effect of peer mentor interaction on non-cognitive factors in first year students* [Quick Fire session]. 2020 Transformational Teaching and Learning Conference, College Station, TX. (Conference canceled due to COVID-19) [Regional]
- Murphrey, T.P.**, Leggette, H. R., Norris, S., & Richburg, A. (2020, April). *Communication skills: A key piece for international agricultural development* [Ignite session]. 2020 AIAEE Conference, St. Petersburg, FL. (Conference canceled due to COVID-19) [International]
- Flanagan, B., Boren-Alpizar, & **Murphrey, T.P.** (2020, April). *Description of a tropical agroforestry course for international agriculture development workers* [Abstract]. 2020 AIAEE Conference, St. Petersburg, FL. (Conference canceled due to COVID-19) [International]
- Philpot, D., Byce, C., & **Murphrey, T. P.** (2020, April). *Creating engaged learners by infusing education theory into an international curriculum development project* [Abstract]. 2020 AIAEE Conference, St. Petersburg, FL. (Conference canceled due to COVID-19) [International]

- Turner, R., Xu, Z., Richardson, R., **Murphrey, T.P.**, Butler-Purry, K., & Juranek, I., (2020, February). *TxARM Model implementation: Assessing the scholarly learning community* [Conference paper]. Southwest Educational Research Association, Arlington, TX. <http://seraredresearch.org/files/papers/80TxARM%20Model%20Implementation%20Final%20PDF.pdf> [Regional]
- Siptak, H., Norris, S., Leggette, H. R., Herring, A., & **Murphrey, T. P.** (2019, July). *What's the beef with communication? Investigating communication styles of advanced animal science students* [Conference abstract]. Annual Meeting of the American Society of Animal Science, Austin, TX. [National]
- Parrella, J., **Murphrey, T. P.**, & Leggette, H. R. (2019, June). *Approaches to teaching communication skills: Improving students' skills one activity at a time*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Twin Falls, ID. [National]
- Murphrey, T. P.**, Norris, S., & Leggette, H. R. (2019, June). *Student perspectives of instructional models to improve college students' communication skills*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Twin Falls, ID. [National]
- Murphrey, T. P.**, & Leggette, H. R. (2019, May). *Incorporating communication skills into your instruction: Modules you can use*. Workshop presented at the 2019 Transformational Teaching & Learning Conference, Texas A&M University, College Station, TX. [Regional]
- Flanagan, B., & **Murphrey, T. P.** (2019, April). *Utilizing programming frameworks of the international community health and community animal health programs for international agricultural extension*. 2019 AIAEE Conference, Port of Spain, Trinidad and Tobago. [International]
- Esquivel, C.H., & **Murphrey, T. P.** (2018, June). *Use of in-class, group, question sets to improve self-direction and critical thinking for students enrolled in a college of agriculture*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Ames, IA. [Special supplement: Abstract]. NACTA Journal, 62(1).
- Leggette, H. R., **Murphrey, T. P.**, & Norris, S. (2018, June). *Scientific communication: Using RLMs to enhance communication education in agriculture*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Ames, IA. [Special supplement: Abstract]. NACTA Journal, 62(1).
- Murphrey, T. P.**, Leggette, H., & Norris, S. (2018, June). *Guidelines for developing instructional modules to improve students' communication skills*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Ames, IA. [Special supplement: Abstract]. NACTA Journal, 62(1).
- Murphrey, T. P.** & Leggette, H. R. (2018, April 17-18). *Technology and communication: Using RLMs to strengthen students' communication skills and meet industry needs*. 2018 Transformational Teaching and Learning Conference, Texas A&M University, College Station, TX. [Regional]