

D. Thayne Montague
Professor of Horticulture Crop Physiology
Associate Chair – Department of Plant and Soil Science
Texas Tech University
Lubbock, TX 79409-2122
(806.834.7311)

Texas AgriLife Research and Extension Center
1102 East FM 1294
Lubbock, TX 79403-6603

thayne.montague@ttu.edu
thayne.montague@ag.tamu.edu

Curriculum Vitae (January 2024)

Education:

Ph.D. Utah State University. 1999. Plant Science
M.S. Auburn University. 1993. Ornamental Horticulture
B.S. Brigham Young University. 1990. Ornamental Horticulture

Appointment Percentage:

Teaching: 60%
Research: 30%
Service: 5%
Administrative: 5%

Professional Experience:

Professor of Horticulture Crop Physiology. Texas AgriLife Research and Extension Center, Lubbock, Texas (25% research appointment). 2022-present
Professor of Horticulture Crop Physiology. Department of Plant and Soil Science. Texas Tech University. 2022 – present
Associate Professor of Horticulture. Texas AgriLife Research and Extension Center, Lubbock, Texas (25% research appointment). 2006 – 2022
Associate Professor of Horticulture. Department of Plant and Soil Science. Texas Tech University. 2005 – 2022
Assistant Professor of Horticulture. Department of Plant and Soil Science. Texas Tech University. 1999 – 2005
Graduate Research / Teaching Assistant. Department of Plants, Soils, and Biometeorology. Utah State University. 1993 – 98
Graduate Teaching Assistant. Department of Horticulture. Auburn University. 1990 – 1993

Professional and Honorary Societies:

American Society of Horticultural Science
American Society of Horticultural Science, Southern Region
International Society of Arboriculture
International Plant Propagator's Society
Pi Alpha Xi (Horticulture Honorary Society)
Southern Nurserymen's Association
Texas Nursery and Landscape Association
Gamma Sigma Delta (Agriculture Honorary Society)

American Society for Enology and Viticulture
Texas Wine and Grape Growers Association

Awards and Honors:

College of Agricultural Sciences and Natural Resources Minnie Stevens Piper Foundation Educator Award Nominee (2017)
Association of Public and Land Grant Universities Non-Land-Grant Agriculture and Renewable Resource Universities Distinguished Educator Award (2017)
Southern Region American Society for Horticultural Science J. Creighton Miller Distinguished Educator Award (2017)
College of Agricultural Sciences and Natural Resources, Association of Public and Land Grant Universities Non-Land-Grant Agriculture and Renewable Resource Universities Distinguished Educator Award Nominee (2017)
Texas Tech University President’s Excellence in Advising Award Recipient (2015)
College of Agricultural Sciences and Natural Resources Advising Academy Member (2015)
Department of Plant and Soil Science and College of Agricultural Sciences and Natural Resources nominee for President’s Excellence in Advising Award (2014)
Texas Tech University President’s Excellence in Teaching Award Recipient (2013)
RaiderReady Instructor Recognition (2013)
Department of Plant and Soil Science and College of Agricultural Sciences and Natural Resources nominee for President’s Excellence in Teaching Award (2012)
Innovation Celebration: Texas Tech University Office of Technology Commercialization (2010)
Texas Tech University Graduate School Service Award (2008)
Guest Coach. Texas Tech University vs. University of Texas Football Game (2004)

Principal Subject Matter for Teaching:

Woody Landscape Plant Identification, Plant Propagation, Viticulture, RaiderReady (First Year Seminar)

Formal Courses Taught (Last Six Years):

	2018	2019	2020	2021	2022	2023	Total
Undergraduate Courses	Number of Students						
PSS 2312: Plant Propagation	43	42*	42	43*	40	48*	258
PSS 2312: Plant Propagation Lab	43	42*	42	43*	40	48*	258
PSS 3310: Viticulture I	29	33*	11	30*	10	30*	143
PSS 3818: Woody Plants	39*	42	49*	33	42*	33	238
PSS 3318: Woody Plants Lab	39*	42	49*	33	42*	33	238
PSS 4000: Internship	6	6	5	3	14	2	36
IS 1100: RaiderReady (Freshman Seminar)	19	-	18	19	40	17	113
	2018	2019	2020	2021	2022	2023	Total
Graduate Courses	Number of Students						
PSS 5000: Professional Internship	2	1	1	1	1	-	6
PSS 5001: Problems	-	12	4	9	9	12	44
PSS 6000: Master’s Thesis		5	3	1	1	-	10
PSS 7000: Research	1	11	9	10	10	5	46

*Online / distance course

During Fall 2019, was one of six instructors who team taught PSS 4340 (Irrigation Management Seminar, 18 students)

Six Year Summary of Undergraduate Student Teaching Evaluations Means:

Term/Class	Course Objectives Followed	Instructor Overall Effective	Course/Valuable Learning Experience
Fall 2023			
PSS 3310*	4.3	4.1	4.2
PSS 3318	4.3	4.2	4.3
IS 1100	4.5	4.5	3.9
Spring 2023			
PSS 2312*	4.6	4.5	4.5
Fall 2022			
PSS 3310	4.8	4.8	4.6
PSS 3318*	4.4	4.2	4.1
IS 1100	4.9	4.8	4.5
IS 1100	4.4	4.0	4.2
Spring 2022			
PSS 2312	4.7	4.7	4.6
Fall 2021			
PSS 3310*	4.5	4.5	4.5
PSS 3318	4.7	4.7	4.8
IS 1100	4.4	4.8	4.1
Spring 2021			
PSS 2312*	4.9	4.9	4.8
Fall 2020			
PSS 3310	4.8	4.9	4.8
PSS 3318*	4.6	4.6	4.6
Spring 2020			
PSS 2312	4.8	4.8	4.9
Fall 2019			
PSS 3310*	4.6	4.3	4.2
PSS 3318	4.8	4.8	4.8
Spring 2019			
PSS 2312*	4.7	4.4	4.5
Fall 2018			
PSS 3310	4.7	4.7	4.4
PSS 3318*	4.4	4.2	4.2
Spring 2018			
PSS 2312	4.8	4.7	4.6

*Online / distance course

Overall Means	Course Objectives	Instructor Overall	Course/Valuable Learning Experience
Montague			
Live Classes	4.67	4.67	4.45
Online Classes	4.57	4.43	4.46
All Classes	4.63	4.58	4.45
PSS Dept.	4.55	4.44	4.42
College	4.50	4.40	4.41
TTU	4.46	4.34	4.32

Scale for evaluations: 5 = excellent; 4 = outstanding; 3 = good; 2 = fair; 1 = poor

Graduate Students Directed (Chair, or co-Chair):

MS Thesis:

1. Graham, H. Refrigeration of the rhizosphere to delay budbreak in grapes. Department of Plant and Soil Science. Texas Tech University (1999)
2. Lockett, L. Public perception of native plants in xeriscapes at three levels of moisture. Department of Plant and Soil Science. Texas Tech University (2000)
3. Fox, L. Effects of transplanting and irrigation regime on growth and gas exchange of select tree species in a semi-arid climate. Department of Plant and Soil Science. Texas Tech University (2004)
4. Bonds, A. Response of Texas and Florida live oak (*Quercus virginiana*) seedlings to water deficit treatments. Department of Plant and Soil Science. Texas Tech University (2007)
5. Krawitzky, M. Propagation success of grapevines (*Vitis vinifera* L.) infected with *Xylella fastidiosa*. Department of Plant and Soil Science. Texas Tech University (2009)
6. Baliga, Vikram. Evaluation of physiological effects of drought and temperature stress on containerized *Olea europaea* containerized olive trees. Department of Plant and Soil Science. Texas Tech University (2012)
7. Decker, Kaylee. Influence of variable irrigation on gas exchange and growth of field grown olives. Department of Plant and Soil Science. Texas Tech University. Co-Chair with Dr. McKenney (2012)
8. Grubbs, Rebecca. Salinity tolerance of drought tolerant perennials for use in the semi-arid Southwest. Co-Chair with Dr. McKenney. Department of Plant and Soil Science. Texas Tech University (2013)
9. Parks, Staci. Impact of drought on oil quality of *Olea europaea*. Department of Plant and Soil Science. Texas Tech University (2014)
10. Andrenko, Iryna. Wildflower production for the Texas High Plains. Department of Plant and Soil Science. Texas Tech University (2020)
11. Reed, Derek. Influence of growth regulators and media on asexual propagation of *Lavendula x intermedia*. Department of Plant and Soil Science. Texas Tech University (2021)

12. Turner, Nathan. Wildflower production for the Texas High Plains. Department of Plant and Soil Science. Co-Chair with Dr. Shim. Texas Tech University (2021)
13. Ruland, Kenneth. Influence of hail netting on gas exchange and fruit quality of two *Vitis vinifera* L. cultivars on the Texas High Plains. Department of Plant and Soil Science. Texas Tech University (2023)

MS Non-Thesis:

1. Dillard, T. (2003)
2. Rasmussen, W. (2006)
3. Herpel, C. (2007)
4. Countryman, M. (2007)
5. Winn, B. (2007)
6. Hodges, A. (2008)
7. Graff, Emily (2018)
8. Tyler, Kolbie (2021)

MS Non-Thesis Distance:

1. Gray, Samara (2010)
2. Russo, Lora (2012)
3. Smith, Jheri Lynn (2012)
4. Tazwell, Munzio (2012)
5. Watkins, Allison (2012)
6. Brown, Isabel (2013)
7. Klag-Young, Lenore (2013)
8. Gosschalk, Jake (2013)
9. Baumer, Vicki (2014)
10. Johnston, Kyle. (2014)
11. Morgan, Christy (2014)
12. Cox, Tricia (2015)
13. Dhanoolal, Natalie (2015)
14. Murphy, Ben (2015)
15. Williams, Jennifer (2015)
16. Kerlin, John (2017)
17. Adamson, Zachary (2018)
18. Curtis, Johnathan (2018)
19. Johnson, Sharon (2018)
20. Moeller, Mark (2018)
21. Asbury, Katlyne (2018)
22. Uppal, Rama (2018)
23. Jones, Miranda (2019)
24. Rodriguez, Lisett (2019)
25. Uppal, Raman (2019)
26. Nemire, Bryan (2019)
27. Berry, Laura (2019)
28. Johnson, Sharon (2019)
29. Allen, Elizabeth (2020)
30. Voigt, Kurt (2020)
31. Capule, Emily (2020)
32. Cox, Mackenzie (2023)
33. Cheatham, Jacob (2023)
38. Newman, Rebecca (current)
39. Bovee, William (current)

40. Keller, Kevin (current)
41. McDaniels, Kia (current)
42. Longman, Chris (current)

PhD

1. Plank, Cassie. Effect of light environment on methoxypyrazine content of Cabemet Sauvignon. Co-chair with Dr. Hellman. Department of Plant and Soil Science. Texas Tech University (2014)
2. Plowman, Russel. Determination of *Quercus* heredity in Texas. Department of Plant and Soil Science. Co-Chair with Dr. Shim. Texas Tech University (2023)
3. Panta, Srijana. Increasing Texas strawberry production. Department of Plant and Soil Science. Texas Tech University (2024)
4. Qualia, Maureen. Response of grape phenolic biosynthetic pathways to application of chitosan. Texas Tech University (2025)

Graduate Committees:

MS Thesis

1. Weeaks, J. Seeded turfgrass establishment using subsurface drip irrigation. Department of Plant and Soil Science. Texas Tech University (2004)
2. Howard, K. Consumer preference and postharvest life of field-grown, fresh-cut sunflowers. Department of Plant and Soil Science. Texas Tech University (2007)
3. Abercrombie, E. Northern bobwhite and scaled quail response to environmental quality incentives program (EQIP) practices in the high plains of Texas. Department of Natural Resource Management. Texas Tech University (2008)
4. Purnell, A. Screening live oak (*Quercus virginiana*) and escarpment live oak (*Quercus fusiformis*) accessions for adaptation to demanding environments. Department of Plant and Soil Science. Texas Tech University (2010)
5. Woods, Paul. Survival of pen-raised northern bobwhite quail released into the wild. Department of Natural Resource Management. Texas Tech University (2013)
6. Poole, Jessica. Salinity tolerance of drought tolerant native forbs for use in the semi-arid landscapes. Department of Plant and Soil Science. Texas Tech University (2013)
7. Patridge, Alicia. Plant attractiveness to urban pollinators in the Southern High Plains. Department of Plant and Soil Science. Texas Tech University (2016)
9. Patridge, Alicia. Plant attractiveness to urban pollinators in the Southern High Plains. Department of Plant and Soil Science. Texas Tech University (2017)
10. Aaron, Kelly. Creating a conceptual design for a Living Memorial Park. Department of Landscape Architecture Texas Tech University (2017)
11. Culpepper, Travis. Desirable, adaptive, resilient landscapes for urban land cover. Department of Plant and Soil Science. Texas Tech University (2019)
12. McCallon, Dylan. TBD. Department of Landscape Architecture Texas Tech University (2021)

13. Nazia Trina. TBD. Department of Landscape Architecture (2023)
14. Murphy, Jessica. Department of Plant and Soil Science (2024)
15. Koemel, Newton. Department of Food Science (2024)

M.S. Non-Thesis:

1. Allworth, Amanda (2013)
2. Bukin, Matt (2014)
3. Gosschalk, Jacob (2013)
4. Joel, Kempfer (2013)
5. Key Brice (2014)
6. Mahoney, Leo (2014)
7. Sandstrom, Joan (2013)
8. Trrembley, Cynthia (2013)
9. Turner, Abrahm (2013)
10. Watts, Cole (2014)
11. Key, Brice (2014)
12. Allworth, Amanda (2014)
13. Trish, David (2015)
14. Sweeney, Michael (2015)
15. Clark, Heidi (2015)
16. Charrette, Edmond (2015)
17. Dean, Benjamin (2015)
18. Bessolo, Caitllin (2015)
19. Cunningham, Daniel (2015)
20. Mckelvey, Daria (2015)
21. Tengler, Kyle (2015)
22. Loneragan, Summer (2015)
23. Quartaro, Michael (2016)
24. Grams, Jason (2017)
25. Johnson, Sharon (2017)
26. Koole, Lindsay (2017)
27. Mills, Shera (2018)
28. Lancaster, Jonathan (2018)
29. Wright, Dannie (2020)
30. Gradilla, Jose (2020)

PhD

1. Geolis, G. A study of the effects of live and web-based instruction on performance and the student's perception of computer-assisted instruction. Department of Plant and Soil Science. Texas Tech University (2003).
2. Lowery, C. Selection of purple cornflower for enhanced levels of phytochemicals. Department of Plant and Soil Science. Texas Tech University (2005).
3. Bates, Amber. Selection of primrose (*Oenothera spp.*) for increased oil production. Department of Plant and Soil Science. Texas Tech University (2012).
4. Balaga, Vikrum. Economic survey and cost benefit of residential water conservation practices. Department of Plant and Soil Science. Texas Tech University (2020)

5. Sehrish, Aqueela. Department of Plant and Soil Science. Texas Tech University (2021)
6. Shaik Azeez. Department of Plant and Soil Science. Texas Tech University (2021)
7. Alicia Thomas. Department of Plant and Soil Science. Texas Tech University (2023)

Graduate Certificate:

1. Neufang, R. (2012)
2. Elrod, J. (2013)

Post-Doctoral Associates Supervised:

1. Suraj, Kar (2019 – 2021)

Undergraduate Students:

Undergraduate Fellows:

1. Rebecca Grubbs. Texas Tech University Undergraduate Research Scholars Program (2010)
2. Shehan, Aaron. Texas Tech University Center for Active Learning and Undergraduate Engagement (2016)

Undergraduate Advising:

Over the past 5 years, I served as undergraduate advisor for over 250 students (currently advising 23 students). During this time, I sent approximately 6,200 advising emails, and held over 400 student-advising appointments.

Principal Research Interests:

Physiology, landscape water use, nursery production, and propagation of woody ornamental plants. In addition, microclimate interactions, drought tolerance, and adaptation of grapevines, strawberries, pomegranates, and other fruit crops to arid climates.

Books and Book Chapters:

1. Peffley, E. B., C. B. McKenney, R. E. Durham, and D. T. Montague. 2004. Principles of Horticulture Course Guide. Extended Learning. Texas Tech University. Lubbock, TX.

Field Days and Workshops Organized/Conducted:

1. Tree Health Care Seminar. Mauget Inc. Lubbock, TX (2009)

Refereed Publications:

1. Kjelgren, R., T. Montague, and L. Rupp. 1997. Establishment in treeshelters II: Effect of shelter color on gas exchange and hardiness. HortScience 32:1284-1287. <https://doi.org/10.21273/HORTSCI.32.7.1284>.
2. Kjelgren, R. and T. Montague. 1998. Urban tree transpiration over turf and asphalt surfaces. Atmospheric Environment 32:35-41. [https://doi.org/10.1016/S1352-2310\(97\)00177-5](https://doi.org/10.1016/S1352-2310(97)00177-5).
3. Montague, T., R. Kjelgren, and L. Rupp. 1998. Surface energy balance affects gas exchange of three shrub species. Journal of Arboriculture 24:254-262. https://www.researchgate.net/profile/Thayne-Montague/publication/242618664_Surface_energy_balance_affects_gas_exchange_of_three_shrub_species/links/564df5a908aefe619b0f23d3/Surface-energy-balance-affects-gas-exchange-of-three-shrub-species.pdf.
4. Montague, T., R. Kjelgren, and L. Rupp. 2000. Surface energy balance affects gas exchange and growth of two irrigated landscape tree species in an arid climate. Journal of the American Society for Horticultural Science 125:299-309. <https://doi.org/10.21273/JASHS.125.3.299>.

5. Montague, T., R. Kjelgren, and L. Rupp. 2000. Gas exchange and growth of two transplanted, field grown landscape tree species in an arid climate. *HortScience* 35:763-768. <https://doi.org/10.21273/HORTSCI.35.4.763>.
6. Ferro A., J. Chard, R. Kjelgren, B. C0068ard, D. Turner, and T. Montague. 2001. Groundwater capture using hybrid poplar trees: Evaluation of a system in Ogden Utah. *International Journal of Phytoremediation* 3:87 – 104. <https://doi.org/10.1080/15226510108500051>.
7. Lockett*, L. L., T. Montague, C. McKenney, and D.L. Auld. 2002. Assessing public opinion on water conservation and water conserving landscapes in the southwestern United States. *HortTechnology* 12:5-9. <https://doi.org/10.21273/HORTTECH.12.3.392>.
8. Graham*, H., T. Montague, R. Durham, and A. Herring. 2002. Root-zone refrigeration delays budbreak and reduces growth of two containerized, greenhouse grown grape cultivars. *Texas Journal of Agronomy and Natural Resources* 15:71-80. <https://txjanr.agintexas.org/index.php/txjanr/article/view/156>.
9. Montague, T. and R. Kjelgren. 2004. Energy balance of six common landscape surfaces and the influence of surface properties on gas exchange of four containerized tree species. *Scientia Horticulturae* 100 (1-4): 229 – 249. <https://doi.org/10.1016/j.scienta.2003.08.010>.
10. Fox*, L. and T. Montague. 2004. Short term drought conditioning influences adventitious rooting of firebush and Fraser’s photinia stem cuttings. *Journal of Environmental Horticulture* 22: 144-148. <https://doi.org/10.24266/0738-2898-22.3.144>.
11. Montague, T., R. Kjelgren, R. Allen and D. Wester. 2004. Water loss estimates for five recently transplanted landscape tree species in an arid climate. *Journal of Environmental Horticulture* 22:189 – 199. <https://doi.org/10.24266/0738-2898-22.4.189>.
12. Kjelgren, R., T. Montague, and R. Beeson. 2004. Water use and stomatal behavior of sweetgum (*Liquidambar styraciflua* ‘Moraine’) relative to reference evaporation in three contrasting regions. *Acta Horticulture* 664: 353-360. <https://doi.org/10.17660/ActaHortic.2004.664.44>.
13. Montague, T. and R. Kjelgren. 2006. Use of thermal dissipation probes to estimate water loss of containerized landscape trees. *Journal of Environmental Horticulture* 24:95-104. <https://doi.org/10.24266/0738-2898-24.2.95>.
14. Montague, T., C. McKenney, M. Maurer, and B. Winn*. 2007. Influence of irrigation volume and mulch on establishment of select shrub species. *Arboriculture and Urban Forestry* 33:202-209. https://www.researchgate.net/profile/Cynthia-Mckenney/publication/242614375Influence_of_Irrigation_Volume_and_Mulch_on_Establishment_of_Select_Shrub_Species/links/0046353160aac168e9000000/Influence-of-Irrigation-Volume-and-Mulch-on-Establishment-of-Select-Shrub-Species.pdf.
15. Montague, T. and L. Fox*. 2008. Gas exchange and growth of transplanted and nontransplanted field-grown Shumard red oak trees grown with and without organic mulch. *HortScience* 43:770-775. <https://doi.org/10.21273/HORTSCI.43.3.770>.
16. Fox*, L. and T. Montague. 2009. Influence of irrigation regime on growth of select field-grown tree species in a semi-arid climate. *Journal of Environmental Horticulture* 27:134-138. <https://doi.org/10.24266/0738-2898-27.3.134>.

17. Arnold, M.A., D.L. Bryan, R.I. Cabrera, G.C. Denny, J.J. Griffin, J.K. Iles, A.R. King, G.W. Knox, L. Lombardini, G.V. McDonald, C.B. McKenney, D.T. Montague, G. Niu, H.B. Pemberton, A.L. Purnell*, L.J. Shoemaker, D.K. Struve, and W.T. Watson. 2012. Provenance experiments with baldcypress, live oak, and sycamore illustrate the potential for selecting more sustainable urban trees. *Arboriculture and Urban Forestry*. 38:205 – 213. https://www.researchgate.net/profile/Donita-Cartmill/publication/259908929_Provenance_experiments_with_baldcypress_Live_Oak_and_sycamorei_illustrate_the_potential_for_selecting_more_sustainable_Urban_Trees/links/0a85e53736bcc3f65400000/Provenance-experiments-with-baldcypress-Live-Oak-and-sycamore-illustrate-the-potential-for-selecting-more-sustainable-Urban-Trees.pdf.
18. Fox*, L., A. Bates*, and T. Montague. 2014. Influence of irrigation regime on water relations, gas exchange, and growth of two field-grown redbud varieties in a semiarid climate. *Journal of Environmental Horticulture* 32:8-12. <https://doi.org/10.24266/0738-2898.32.1.8>.
19. Henry, G., J. Hoyle, L. Beck, T. Cooper*, T. Montague, and C. McKenney. 2015. Evaluation of mulch and preemergence herbicide combinations for weed control in high density olive (*Olea europaea* L.) production. *HortScience* 50:1338 – 1431. <https://doi.org/10.21273/HORTSCI.50.9.1338>.
20. Bates*, A. and T. Montague. 2015. Response of two field grown maple (*Acer*) species to reduced irrigation in a high vapor pressure, semi-arid climate. *Arboriculture and Urban Forestry* 41:334 – 345. <https://joa.isa-arbor.com/articles.asp?JournalID=1&VolumeID=41&IssueID=6>.
21. Montague, T., E. W. Hellman, D. Appel, and M. Krawitzky*. 2015. Asexual propagation of grapevine transmits Pierce’s disease pathogen (*Xylella fastidiosa*) to rooted cuttings. *International Journal of Fruit Science* 16:135 – 149. <https://doi.org/10.1080/15538362.2015.1061961>.
22. Plank*, C.M., E.W. Hellman, and T. Montague. 2016. Use of light emitting diodes for supplemental lighting in viticulture field research. *American Journal of Enology and Viticulture* 67:251 – 256. <https://doi:10.5344/ajev.2015.15070>.
23. McKenney, C.B. and T. Montague. 2016. Creating online distributed learning laboratory experiences. *Acta Horticulturae* 1126:149 – 154. <https://doi.org/10.17660/ActaHortic.2016.1126.19>.
24. Kjelgren, R., R. Beeson, D. Pittenger, and T. Montague. 2016. Simplified Landscape Irrigation Demand Estimation: SLIDE Rules. *Applied Engineering in Agriculture* 32:363 – 378. <https://elibrary.asabe.org/abstract.asp?aid=47411>.
25. Montague, T. and C. McKenney. 2018. Gas exchange and growth of landscape tree species in response to drought and post establishment applied organic mulch. *Acta Horticulturae* 1191:167-174. <https://doi.org/10.17660/ActaHortic.2018.1191.23>.
26. Plank*, C., E. Hellman, and D. Montague. 2019. Light and temperature independently influence methoxypyrazine content of *Vitis vinifera* (cv. Cabernet Sauvignon) berries. *HortScience* 54: 282 – 288. <https://doi.org/10.21273/HORTSCII3634-18>.
27. Culpepper*, T., J. Young, D. Montague, D. Sullivan, and B. Wherley. 2019. Physiological responses in C₃ and C₄ turfgrasses under soil water deficit. *HortScience* 54: 2249 – 2256. <https://doi.org/10.21273/HORTSCII4357-19>.

28. Culpepper*, T., J. Young, D. Montague, M. Sapkota, E. Escamilla, and B. Wherley. 2020. Physiological response to water deficit stress with restricted rooting in tall fescue and zoysiagrass. *Journal of Environmental Horticulture* 38:29 – 36. <https://doi.org/10.24266/0738-2898-38.1.29>.
29. Andrenko*, I., T. Montague, C. McKenney, and R. Plowman. 2020. Salinity tolerance of select wildflower species in a hydroponic setting. *HortScience* 55:1119 – 1131. <https://doi.org/10.21273/HORTSCI15052-20>.
30. Montague, T., E. Graff*, and S. Kar. 2020. Secondary bud gas exchange, growth, and fruitfulness of *Vitis vinifera* L. cultivars, ‘Grenache’ and ‘Cabernet Sauvignon’ grown on the Texas high plains. *Viticulture Data Journal*. <https://doi.org/10.3897/vdj.2.e60430>.
31. Kar, S., D.T. Montague, and A. Villanueva-Morales. 2021. Measurement of photosynthesis in excised leaves of ornamental trees: a novel method to estimate leaf level drought tolerance and increase experimental sample size. *Trees: Structure and Function*. 35:889 – 905. <https://doi.org/10.1007/s00468-021-02088-w>.
32. Kar, S., T. Montague, A. Villanueva-Morales, and E. Hellman. 2021. Measurement of gas exchange on excised grapevine leaves does not differ from *in situ* leaves, and potentially shortens sampling time. *Applied Sciences*. 11:3644. <https://doi:10.3390/app11083644>.
33. Purnell*, A., T. Montague, R.J. Wright, C. McKenney, D. Wester, and R. Plowman. Evidence of relic genotypes persisting in the Texas hybrid swarm of *Quercus* series *Virentes*. 2021. *Texas Journal of Agriculture and Natural Resources*. 34:21 – 34. <https://txjanr.agintexas.org/index.php/txjanr/article/view/427>
34. Reed*, D., T. Montague, and C. Simpson. 2021. Adventitious rooting of *Lavandula x intermedia* cuttings. *Journal of Environmental Horticulture*. 39:150 – 159. <https://doi.org/10.24266/0738-2898-39.4.150>
35. Graff*, E., T. Montague, and S. Kar. 2022. Secondary bud growth and fruitfulness of *Vitis vinifera* L. ‘Grenache’ grafted to three different rootstocks and grown within the Texas High Plains AVA. *International Journal of Fruit Science*. 22:64 – 77. <https://doi.org/10.1080/15538362.2021.1988809>
36. Shaik*, A., H. Singh, S. Singh, T. Montague, and J. Sanchez. 2022. Liquid organic fertilizers effects on growth and biomass of lettuce grown in a soilless production system. *HortScience*. 57:447 – 452. <https://doi.org/10.21273/HORTSCI16334-21>
37. Parks*, S. and T. Montague. 2022. Influence of irrigation regime on gas exchange, growth, and oil quality of field grown, Texas (USA) olive trees. *Open Agriculture*. 7:191 – 206. <https://doi.org/10.1515/opag-2022-0082>
38. Ruland*, K., T. Montague, and P. Helwi. 2023. Impact of hail-netting on *Vitis vinifera* L. canopy microclimate, leaf gas exchange, fruit quality, and yield in a semi-arid environment. *Viticulture Data Journal*. <https://doi.org/10.3897/vdj.555.e108805>
39. Sheik*, A., S. Singh, T. Montague, M. Siebecker, G. Ritchie, R. Wallace, and R. Stevens. 2023. Comparison of organic eggplant yields under open-field and high tunnel production systems in Texas. *Farming System*. <https://doi.org/10.1016/j.farsys.2023.100049>

*former \ current graduate student

Extension Bulletins:

1. Hillin, D., J. Scheiner, T. Montague, and T. Ruland. 2022. Hail Netting for Vineyards. HORT-U-273. Texas A&M AgriLife Extension. <https://cdn-de.agrilife.org/extension/departments/hort/hort-pu-273/publication/files/hail-netting-for-vineyards.pdf>.

Plant Trademarks:

1. Skyhook elm, serial # 77828754 (2009)
2. Brazos Oak, serial # 77828794 (2009)

Technical Publications / Popular Articles:

1. McCain, C. and T. Montague. Check sprinkler control settings at end of daylight savings time. The Cross Section (Oct. 2004)
2. Fox, L. and T. Montague. Drought conditioning of firebush and fraser's photina. Something to Grow On: Alabama's Ornamental Newsletter (2004)
3. Conservation Tip. The Cross Section. Monthly Publication of the High Plains Underground Water Conservation District No. 1. (July 2010)
4. Arnold, M., E. Bush, R. Cabrera, G. Denny, J. Griffin, J. Iles, A. King, G. Knox, G. McDonald, C. McKenney, T. Montague, G. Niu, A. Owings, and D. Struve. Testing tolerances of *Taxodium*. Landscape Plant News. 20(3):10-11. (2011)

Electronic Media:

1. Kjelgren, R. and T. Montague. 1995. University of California Riverside Turfgrass and Landscape Management Research Conference and Field Day. http://ucrturf.ucr.edu/publications/Field%20Day%20Procs/1995%20Proceedings/103_effect_turf_mulch_surfaces_tree_waterloss.pdf
2. Fox, L. and T. Montague. 2004. Something to grow on: Alabama's Ornamental Newsletter. <http://www.ag.auburn.edu/hort/landscape/STGOnovember2004.html#ken>
3. Hellman, E. and T. Montague. 2009. Physiology of grape variety adaption to climate. <http://winegrapes.tamu.edu/research/texas-research-programs/texas-viticulture-and-enology-research/>
4. McKenney, C. and T. Montague. 2010. Assessing the Effectiveness of Horticulture Courses and Curricula. Streaming video presentation available from ASHS at: <http://ashs.org/db/horttalksu/detail.lasso?id=772>
5. Montague, T. 2010 Field Day Held to Promote Texas Olive Oil Industry. https://www.nrcs.usda.gov/wps/portal/nrcs/detail/tx/newsroom/stories/?cid=nrcs144p2_002608
6. Montague, T. Texas Wine and Grape Growers Association Website. 2011. <http://www.txwines.org/grapecamp/Montague%202011%20Grape%20Camp.pdf>
7. Montague, T. and C. McKenney. Texas Olive Oil Council Website. 2012.

<http://www.texasoliveoilcouncil.org/conferences/2012/08/materials/materials.php?k=effd2ecda953bc70d2a6976da982c2a4>

8. Montague, T. Research: Plant adapts to survive. 19 May, 2012. Amarillo Globe News. <http://amarillo.com/news/local-news/2012-05-19/researcher-plant-adapts-survive>
9. Montague, T. Second Annual Texas Olive Oil Council Growers Online Web Conference. 2013. <https://texasoliveoilcouncil.org/conferences/2013/09/presentations/presentation3.html>
10. Kjelgren, R., R.C. Beeson, D.P. Pittenger, and T. Montague. 2015. SLIDE rules for estimating tree irrigation demand... and survive drought. Workshop: Keeping Trees Alive During Drought (University of Nevada Reno Cooperative Extension). <http://www.slideshare.net/GrowYourOwnNevada/2015-may-1-unr-extension-slide-rules>
11. Montague, T. 2015. Texas Wine and Grape Growers Association Annual Meeting. <http://www.txwines.org/wp-content/uploads/2016/02/Dr-Thayne-Montague-Grape-Varieties-for-Texas-Vineyards.pdf>.
12. Kjelgren R. D. Pittenger, R.C. Beeson, and T. Montague. 2016. Simplified Landscape Irrigation Demand Estimation: SLIDE rules for landscape water budgets and allocations. <http://studylib.net/doc/9622557/-slide--power-point-presentation>.
13. Texas Tech University, Academic and Research Communications, Office of the Vice President for Research, In the Field Series. 2016. Episode 2: Experimenting with Wine: <https://www.depts.ttu.edu/vpr/inthefield/>.
14. Texas Agriculture Daily. Tech receives two USDA grants. 2019. <https://texasfarmbureau.org/texas-tech-receives-two-usda-grants/>.
15. Jackson, M. and T. Montague. 2020. Texas Tech University Department of Plant and Soil Science Woody Plant Identification website (used in conjunction with PSS 3318 class (Wood Plant Identification)): https://www.depts.ttu.edu/plantresources/Pages/Information_Sheets/Woody_Info/woody-plant-directory.php.
16. Texas Tech University Discoveries: Researcher Engages Community in Search for Lost Apple Varieties, Archival Projects & More. <https://www.depts.ttu.edu/research/discoveries/posts/Spring-2021/community-engaged-scholarship-1.php>
17. Morning Ag Clips. 2021. <https://www.morningagclips.com/texas-am-agrilife-strawberry-research-receives-specialty-crops-grant/>.
18. Texas Tech University College of Agricultural Science and Natural Resources. 2021. <https://www.depts.ttu.edu/agriculturalsciences/news/posts/2021/01/pss-thayne-montague-texas-strawberry-profitability-study.php>.
19. Growing Produce. Stakes on the rise for strawberry profitability project. 2021. <https://www.growingproduce.com/vegetables/stakes-on-the-rise-for-strawberry-profitability-project/>.
20. Vegetable Growers News. Specialty crops grant funds Texas strawberry research. 2021. <https://vegetablegrowersnews.com/news/specialty-crops-grant-funds-texas-strawberry-research/>.

21. Simplified Landscape Irrigation Demand - Watermaps.usu.edu. 2021. https://123doku.com/document/904f_simplified-landscape-irrigation-demand-watermaps-usu-edu.html.
22. Texas Tech University Department of Plant and Soil Science. 2022. <https://www.depts.ttu.edu/pss/newsroom/posts/2022/01/montague-dotray-herbicide-drift-grant.php>.
23. Getting the Most From Your Strawberry Plants. 2022. <https://agrifetoday.tamu.edu/2022/03/31/getting-the-most-from-your-strawberry-plants/>.
24. Getting the Most From Your Strawberry Plants. 2022. <https://www.morningagclips.com/getting-the-most-from-your-strawberry-plants/>.
25. Getting the Most From Your Strawberry Plants. 2022. https://theeagle.com/landandlivestockpost/agrifetoday/getting-the-most-from-your-strawberry-plants/article_921eddf3-b0a9-50f5-8f2d-800b4f72e490.html.
26. Meeting Grape Producers in the Vineyard. 2022. <https://agrifetoday.tamu.edu/2022/04/18/meeting-grape-producers-in-the-vineyard/>.
27. Liquid Organic Fertilizer Effects on Growth and Biomass of Lettuce. 2022. <https://ashs.org/news/605777/Liquid-Organic-Fertilizer-Effects-on-Growth-and-Biomass-of-Lettuce.htm>.
28. Hail Netting for Vineyards. 2022. <https://cdn-de.agrilife.org/extension/departments/hort/hort-pu-273/publication/files/hail-netting-for-vineyards.pdf>.

Abstracts / Proceedings:

1. Montague, T. 1992. Growth of select container grown flowering dogwoods as influenced by production practice. HortScience 27:1166.
2. Montague, T., D. Eakes, C. Gilliam, K. Tilt, and H. Ponder. 1992. Shade during container production of flowering dogwood increases growth. Proc. Southern Nurserymen's Association Research Conference 37:19-21.
3. Montague, T., D. Eakes, C. Gilliam, and H. Ponder. 1993. Medium volume and moisture stress influence shoot growth of 'Rutgers' tomato transplants. Proc. Southern Nurserymen's Association Research Conference 36:134-136.
4. Montague, T. 1994. Response of field-grown Norway maple and green ash trees to white and brown treeshelters. HortScience 29:1409.
5. Kjelgren, R., T. Montague, and L. Rupp. 1995. Effects of turf and mulch surfaces on tree water loss. Proc. University of California Riverside Turfgrass and Landscape Management Research Conference and Field Day. p. 47.
6. Kjelgren, R. and T. Montague. 1996. Isolated tree water use over various urban surfaces. Proc. Evapotranspiration and Irrigation Scheduling International Conference. p. 250-256.
7. Montague, T., R. Kjelgren, and L. Rupp. 1997. Gas exchange and growth of selected transplanted and non-transplanted landscape tree species. HortScience 32:444.
8. Montague, T., R. Kjelgren, and L. Rupp. 1998. Landscape surface characteristics influence gas exchange and growth of recently transplanted trees. Journal of Arboriculture 24:58.

9. Montague, T., R. Kjelgren, and L. Rupp. 2000. Energy balance of six common landscape surfaces. *HortScience* 35:429.
10. Graham, J.H., D.T. Montague, and R.E. Durham. 2000. Refrigeration of the root zone to delay Budbreak in Grapes. *HortScience* 35:562.
11. Montague, T., R. Kjelgren, and L. Rupp. 2001. Water loss estimates for five landscape tree species. *HortScience* 36:550.
12. Winn*, B. and T. Montague, and C. McKenney. 2003. Determining irrigation requirements for establishment of four woody shrub species. *HortScience* 38:1275.
13. Fox*, L. and T. Montague. 2003. Drought conditioning influences adventitious rooting of select shrub stem cuttings. *Combined Proc. International Plant Propagators' Society*. 53:334-338.
14. Kjelgren, R., T. Montague, and R. Beeson. 2003. Water use and stomatal behavior of sweetgum (*Liquidambar styraciflua* 'Moraine') relative to reference evaporation in three contrasting regions. *Proc. Fourth International Symposium on Irrigation of Horticultural Crops. International Society for Horticultural Science. Program and Book of Abstracts. Davis, CA. p. 71.*
15. Montague, T. and L. Fox*. 2004. Water loss estimates of three containerized landscape tree species using thermal dissipation probes and load cells. *HortScience* 39:790.
16. Montague, T. and L. Fox*. 2004. Investigating water requirements of select, field-grown tree species in a semi-arid climate. *HortScience* 39:820.
17. Kjelgren, R., T. Montague, and R. Beeson. 2004. Water use and stomatal behavior of sweetgum (*Liquidambar styraciflua*) relative to reference evapotranspiration in three contrasting regions. *HortScience* 39:764.
18. Fox*, L. and T. Montague. 2004. Transplanting and organic mulch affect gas exchange and growth of field grown red oak (*Quercus shumardii* Buckli.). *HortScience* 39:665.
19. Montague, T., C. McKenney, and B. Winn*. 2004. Evaluating landscape plants exposed to water conserving irrigation regimes in Lubbock, Texas. *High Plains Groundwater Resources: Challenges and Opportunities Conference. Proc.* 274-283.
20. Montague, T. 2005. Response of two field-grown redbud varieties to three reference evaporation based irrigation regimes. *Proc. Southern Nurseryman's Association Research Conference*. 50:160-162.
21. Montague, T. and L. Fox*. 2005. Gas exchange and growth of two field-grown maple tree species in response to three reference evapotranspiration based irrigation regimes. *HortScience* 40:879.
22. Bonds*, A. and Montague, T. 2006. Transplanting and organic mulch affect gas exchange and growth of field grown red oak (*Quercus shumardii* Buckli.). *HortScience* 41:497.
23. Kjelgren, R., T. Montague, R. Beeson, and Y. Wu. 2006. Water use of *Liquidambar styraciflua* reciprocally grown in humid and arid climates. *5th International Symposium on Irrigation of Horticultural Crops*. pg. 73.

24. Bonds*, A. and Montague, T. 2007. Response of Texas and Florida live oak (*Quercus virginiana*) seedlings to water deficit treatments. HortScience. 42:436.
25. Montague, T. 2007. Growth and gas exchange responses of two field-grown maple tree species to three reference evapotranspiration based irrigation regimes. Proc. Southern Nurseryman's Association Research Conference. 52:10-14.
26. Montague, T. 2007. Investigating water requirements of select, field-grown tree species in a semi-arid climate. Proc. Southern Nurseryman's Association Research Conference. 52:15-19.
27. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Influence of rootstock on gas exchange of field grown merlot grapevines. HortScience. 43:607-608.
28. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field grown merlot grapevines as influence by rootstock. Annual Conference of the American Society for Viticulture and Enology. Technical Abstracts. 59:23.
29. Montague, T. 2008. Investigating water requirements of field-grown tree species in a semi-arid climate. Correa, A.C., M.F. Angnello., R. Todd, and R. Peterson (ed.). Water in Arid and Semiarid Lands: Innovative Approaches and Informed decision-making. Proceedings of 2006 International Conference. pg. 7-13.
30. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Propagation success of grapevines infected with *Xylella fastidiosa*. Proceedings of the 2nd Annual National Viticulture Research Conference. 2:41.
31. Montague, T., E. Hellman, and M. Krawitzky*. 2008. Comparison of greenhouse grown, containerized grapevine stomatal conductance measurements using two differing porometers. Proceedings of the 2nd Annual National Viticulture Research Conference. 2:58-59.
32. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field grown merlot grapevines as influenced by rootstock. Abstract. Seventh Annual Graduate Student Research Poster Competition. Texas Tech University. 7:17.
33. Bates*, A., T. Montague, and C. McKenney. 2008. Response of Texas and Florida live oak (*Quercus virginiana*) seedlings to water deficit treatments. Proceedings of the Annual Southern Nursery Association Research Conference. 53:527-531.
34. Montague, T., E. Hellman, and M. Krawitzky*. 2009. Gas exchange of field-grown cool, warm, and hot climate grapevine varieties in West Texas. American Journal of Enology and Viticulture. 60:369A
35. Montague, T., E. Hellman, and M. Krawitzky*. 2009. Comparison of field-grown grapevine stomatal conductance measurements using differing porometers. HortScience. 44:565.
36. Montague, T. and E. Hellman. 2009. Physiology of field-grown cool, warm, and hot-climate grape varieties on the Texas High Plains. Proceedings of the Texas Viticulture and Enology Research Symposium, Granbury, Texas. pg. 4-6.
37. Montague, T. and E. Hellman. 2009. Influence of wind speed on gas exchange of field-grown 'Cabernet Sauvignon' grapevines on the Texas High Plains. Proceedings of the Texas Viticulture and Enology Research Symposium, Granbury, Texas. pg. 43-45.

38. Purnell*, A., C. McKenney, R. Wright, and T. Montague. 2010. Determination of *Quercus* series *Virentes* heredity in Texas. *HortScience*. 45(4):486.
39. Purnell*, A., C. McKenney, and T. Montague. 2010. Provenance affects on stomatal conductance in *Quercus* series *Virentes* across Texas. *HortScience*. 45(4):512.
40. Whitehurst*, K., T. Montague, and C. McKenney. 2010. Impact of post-establishment applied organic mulch on gas exchange and growth of landscape tree species. *HortScience*. 45(4):512.
41. Montague, T., E. Hellman, and K. Jenkins. 2010. Influence of rootstocks on physiology of merlot grapevines grown on the Texas High Plains. *HortScience*. 45(4):514.
42. Montague, T., E. Hellman, and K. Jenkins. 2010. Physiological Differences of Cool, Warm, and Hot Climate Grapevine Varieties on the Texas High Plains. *HortScience*. 45(4):495.
43. McKenney, C. and T. Montague. 2010 Sustained growth in distance education: What were we thinking? *HortScience*. 45(8):S61.
44. Montague, T., E. Hellman, and K. Jenkins. 2010. Update on physiological differences of cool, warm, and hot climate grapevine varieties grown on the Texas High Plains. *American Journal of Enology and Viticulture*. 61:3.
45. Montague, T., C. McKenney, and K. Decker*. 2011. Impact of post-establishment applied organic mulch on gas exchange and growth of two oak tree species. *Proceedings of the Southern Nursery Conference*. 56:48-54.
46. Montague, T., E. Hellman, and K. Jenkins. 2011. Influence of rootstocks on physiology of cabernet sauvignon grapevines grown on the Texas High Plains. *HortScience* 46(9):S22.
47. Decker*, K., T. Montague, and C. McKenney. 2011 .The effects of irrigation treatments on stomatal conductance in *Olea europaea* L. *HortScience* 46(9):S36.
48. Baliga*, T. Montague, and C. McKenney. 2011. Effects of variable irrigation regimes on containerized olives. *HortScience* 46(9):S38.
49. McKenney, C., R. Wright, and T. Montague. 2011. Phylogenetic analysis of *Quercus* series *Virentes*. *HortScience* 46(9):S96.
50. Montague, T., E. Hellman, and K. Jenkins. 2011. Physiology of cabernet sauvignon grapevines grafted to different rootstocks on the Texas High Plains. *Technical Abstracts of the American Journal of Enology and Viticulture National Conference*. 62:82.
51. Arnold, M, D. Bryan, E. Bush, R. Cabrera, G. Denny, J. Griffin, J. Iles, A. King, G. Knox, L. Lombardini, G. McDonald, C. McKenney, T. Montague, G. Niu, A. Owings, B. Pemberton, A. Purnell*, L. Shoemaker, D. Struve and T. Watson. 2011. Provenance and tree selection for the urban forest. *Urban Tree Growth: An International Meeting and Research Symposium. Conference Proceedings*. p. 36.
52. Baliga*, V., T. Montague, and C. McKenney. 2012. Effects of drought stress on greenhouse grown olives (*Olea europaea* L.). *HortScience* 47(9):S53.

53. Montague, T., C. McKenney, and V. Baliga*, 2012. Gas Exchange of drought stressed greenhouse grown olive varieties. *HortScience* 47(9):S56.
54. Montague, T., E. Hellman, and K. Jenkins. 2012. Physiological differences of five grapevine varieties grown on the Texas High Plains. *HortScience* 47(9):S57.
55. Decker*, K., T. Montague, and C. McKenney. 2012 Response of greenhouse grown olive varieties to irrigation and fertilization regimes. *HortScience* 47(9):S57.
56. Montague, T., C. McKenney, and K. Decker*. 2012. Response of redbud (*Cercis canadensis*) trees to post-establishment applied organic mulch. *Proceedings Southern Nursery Conference*. 57:183-189.
57. Arnold, M, D. Bryan, E. Bush, R. Cabrera, G. Denny, J. Griffin, J. Iles, A. King, G. Knox, L. Lombardini, G. McDonald, C. McKenney, T. Montague, G. Niu, A. Owings, B. Pemberton, A. Purnell*, L. Shoemaker, D. Struve and T. Watson. 2012. Ten-site evaluation of advanced clonal selections of *Taxodium distichum* (L.) Rich. yields data aiding in selection of improved trees for built environments in the Eastern and Central United States. *HortScience* 47(9):S369.
58. Plank*, C., E. Hellman, and T. Montague. 2013. The effects of sunlight and LED light on methoxypyrazine content of ripening berries of cabernet sauvignon. 64th ASEV National Conference Technical Abstracts. p. 163.
59. Grubbs*, Rebecca, C.B. McKenney, T. Montague, and S. Oswalt . 2013. Determining salinity tolerance of three High Plains bedding plant species in a hydroponics setting. *HortScience* 48(9):S18.
60. Poole*, Jessica, C.B. McKenney, and T. Montague. 2013. Evaluation of salinity effects on four Texas native plants using a hydroponics system. *HortScience* 48(9):S19.
61. McKenney, Cynthia B., and T. Montague. 2013. Where did all the students go? *HortScience* 48(9):S24.
62. McKenney, C., T. Montague, and A. Elle. 2013. Effectiveness of online laboratory experiences. *HortScience*. 48(9):S201.
63. Montague, Thayne, C. McKenney, S. Parks*, and K. Decker*. 2013. Gas exchange and growth of two field grown oak species in response to post establishment applied organic mulch and drought. *HortScience* 48(9):S30.
64. Parks*, Staci, T. Montague and C.B. McKenney. 2013. Effects of irrigation regime on gas exchange of field grown *Olea Europeaea* L. *HortScience* 48(9):S35.
65. McKenney, C., T. Montague, and C. Chadwell. 2014. Successful retention efforts for distributed learning students. *HortScience* 49(9):S25
66. Montague, T. and C. McKenney. 2014. Gas Exchange response to leaf excision of field grown redbud trees. *HortScience* 49(9):S33.
67. Montague, T., C. McKenney, and S. Parks*. 2014. Gas exchange and growth of two field grown oak species in response to post establishment applied organic mulch and drought. *HortScience* 49(9):S33.

68. Montague, T., C. McKenney, and S. Parks*. 2014*. Influence of irrigation regime on gas exchange, growth, and oil quality of field grown *Olea europaea* L. 'Arbequina'. HortScience 49(9):S39.
69. Gunter*, A., C. McKenney, and T. Montague. 2014. Germination techniques in *Ipomopsis rubra* and *Melampodium leucanthum*. HortScience 49(9):S61.
70. Plank*, C., E. Hellman, and T. Montague. 2014. Effect of light environment on methoxypyrazine content of Cabernet Sauvignon. Annual Conference of the American Society for Enology and Viticulture. Technical Abstracts. 65:91.
71. Kjelgren, R., R.C. Beeson, D.P. Pittenger, and T. Montague. 2015. Simplified Landscape Irrigation Demand Estimation: SLIDE Rules. Journal of the American Society of Agricultural and Biological Engineers doi:10.13031/aim.20152189163.
72. Montague, T. and E. Hellman. 2015. Gas exchange response of leaf excision for five *Vitis* cultivars. HortScience 50(9):S36.
73. McKenney, C.B. and D.T. Montague. 2016. Distance Education MS Students: Where do they end up? HortScience 51(9):S17.
74. Mills, L. and T. Montague. 2016. Analysis of green walls and roof gardens of West Texas. Dilemma: Debate. Conference Proceedings Council of Educators in Landscape Architecture Annual Meeting. Pg. 351.
75. Montague, T. and E. Hellman. 2016. Using leaf excision during gas exchange measurements to increase sample size. Technical Abstracts of the American Journal of Enology and Viticulture National Conference. 67:98.
76. Montague, D.T. and C.B. McKenney. 2016. Gas exchange response to leaf excision for two field-grown *Quercus* species. HortScience 51(9):S23.
77. Montague T. and C. McKenney. 2017. Comparison of online and hybrid woody plant identification classes. HortScience 52(9):S28.
78. Montague T. E. Hellman, and E. Graff*. 2017. Assessing secondary bud fruitfulness of two *Vitis* cultivars grown on the Texas High Plains. HortScience 52(9):S33 – 34.
79. Plowman* R., C. McKenney, and T. Montague. 2017. Quantifying environmental services that selected trees, shrubs and herbaceous plants provide in an urban arid-semi-arid environment. HortScience 52(9):S234.
80. Montague, T., E. Hellman, P. Helwi, and E. Graff* (2018). Assessing secondary bud fruitfulness of *Vitis vinifera* 'Grenache' and 'Cabernet Sauvignon' vines grown on the Texas High Plains: A second-year update. HortScience 53(9):S296
81. Montague, T., E. Hellman, P. Helwi, and E. Graff*. (2018). Secondary bud growth and fruitfulness of *Vitis vinifera* Grenache grown on the Texas High Plains: A two-year review. Technical Abstracts of the American Journal of Enology and Viticulture National Conference. 69:107.
82. Ruland*, K., T. Montague, and P Helwi. 2019. Effects of hail-netting on field grown Malbec grapevines (*Vitis vinifera*). HortScience 54(9):S390.

83. Kar, S., T. Montague, K. Lauterbach*, T. Ruland*, P. Helwi, and E. Hellman. 2021. Vineyard leaf tissue survey of auxin herbicides within the Texas High Plains AVA. Technical Abstracts of the American Journal of Enology and Viticulture National Conference. 70:50.
84. Montague, T. and A. Villanueva-Morales. 2022. Measurement of gas exchange on excised strawberry leaves does not differ from in situ leaves, and increases sample size. HortScience 57(9):S118.
85. Lauterbach*, K., T. Montague, and E. Hellman. 2022. Investigating optimal irrigation of *Vitis vinifera* 'Roussanne' vines on the Texas High Plains. HortScience 57(9):S225.
86. Montague, T., R. Wallace, and M. Cox*. 2022. Influence of light level on leaf gas exchange and fruit production of two strawberry cultivars grown in Texas. HortScience 57(9):S252.
87. Wallace, R., P. Ampim, T. Montague, D. Rankin, and L. Stein. 2022. Planting date influence on strawberry variety yield and revenues in Texas. HortScience 57(9):S256.
88. *Thomas, A., C. Lindquist, M. Monsur, D. Montague, and C. Simpson. 2023. Adapting horticultural therapy: the benefits of an at-home bonsai kit for military service members. HortScience 58(9):S77.
89. *Panta, S., Wallace, R., and Montague, T. 2023. Strawberry (*Fragaria × ananassa*) growth and yield as influenced by irrigation level and plant spacing. HortScience 58(9):SR15.
90. Williams, K., T. Ruland*, K. Lauterbach*, T. Montague and P. Helwi. 2023. Texas High Plains winter bud damage survey. <https://www.asev-es.org/pdf/2023%20Program%20ASEV-ES%20full%20reduced%20size.pdf>.
90. *Panta, S., *Ruland, T., *Lauterbach, K., *Hillin, D., Kar, S., and Montague, T. 2023. Updated Texas High Plains AVA vineyard phenoxy herbicide leaf tissue survey. <https://www.asev-es.org/pdf/2023%20Program%20ASEV-ES%20full%20reduced%20size.pdf>.

*current / former graduate student

Seminars and Presentations:

1. Montague, T, D. Eakes, C. Gilliam, K. Tilt, and H. Ponder. 1992. Growth of select container grown flowering dogwoods as influenced by production practice. Annual Conference of the Southern Region of the American Society for Horticultural Science. Lexington, KY.
2. Montague, T., D. Eakes, C. Gilliam, K. Tilt, and H. Ponder. 1992. Shade during container production of flowering dogwood increases growth. Southern Nurserymen's Association Research Conference. Atlanta, GA.
3. Montague, T., D. Eakes, C. Gilliam, and H. Ponder. 1993. Medium volume and moisture stress influence shoot growth of 'Rutgers' tomato transplants. Southern Nurserymen's Association Research Conference. Atlanta, GA.
4. Montague, T. 1994. Response of field-grown Norway maple and green ash trees to white and brown treeshelters. Annual Conference of the Western Region of the American Society for Horticultural Science. San Francisco, CA.
5. Kjelgren, R. and T. Montague. 1996. Isolated tree water use over various urban surfaces. Evapotranspiration and Irrigation Scheduling International Conference. San Antonio, TX.

6. Montague, T. and R. Kjelgren. 1997. Landscape surface characteristics influence gas exchange and growth of recently transplanted trees. International Society of Arboriculture International Conference. Salt Lake City, UT.
7. Montague, T. 1997. Establishment of transplanted trees in arid climates. Utah State University Horticulture Field Day. Logan, UT.
8. Montague, T. and R. Kjelgren. 1997. Gas exchange and growth of selected transplanted and non-transplanted landscape tree species. American Society of Horticultural Science International Conference. Salt Lake City, UT.
9. Montague, T. 1998. Growth of landscape trees over various urban surfaces. Utah State University Horticulture Field Day. Logan, UT.
10. Montague, T. 1999. Landscape water conservation. Vegetation Theory (LARC 5301). Guest lecturer. Department of Landscape Architecture, Texas Tech University. Lubbock, TX. (Invited)
11. Montague, T. 1999. Managing urban landscapes to minimize water use. Science Teachers Association of Texas. Lubbock, TX. (Invited)
12. Montague, T. 1999. Micro-climate factors which impact water loss of turf in semiarid regions. Annual Meeting of the West Texas Golf Course Superintendents Association. Lubbock, TX. (Invited)
13. Montague, T. 2000. Horticulture Careers. Rush Elementary School. Lubbock, TX. (Invited)
14. Graham*, J.H., D.T. Montague, and R.E. Durham. 2000. Refrigeration of the Root Zone to Delay Budbreak in Grapes. Annual Conference of the Southern Region of the American Society for Horticultural Science. Lexington, KY.
15. Montague, T., R. Kjelgren, and L. Rupp. 2000. Energy balance of six common landscape surfaces. Annual Meeting of the American Society for Horticultural Science. Orlando, FL.
16. Montague, T. 2000. Trees and Drought. Second Saturday guest lecture. Lubbock Arboretum Association. Lubbock, TX. (Invited)
17. Montague, T. 2001. Gardening on the South Plains. Arboriculture: Selection, use, and care of trees and shrubs. Texas Tech University Extended Studies. Lubbock, Texas. (Invited)
18. Montague, T. 2001. Helpful horticultural hints for home landscaping happiness. The Church of Jesus Christ of Latter-Day Saints Relief Society Woman's Group. Lubbock, Texas. (Invited)
19. Montague, T., R. Kjelgren, and L. Rupp. 2001. Water loss estimates for five landscape tree species. Annual Meeting of the American Society for Horticultural Science. Sacramento, CA.
20. Montague, T. 2002. Stomatal control of woody plant water loss. Ornamental Tree Water Use Conference. Salt Lake City, UT.
21. Montague, T. 2002. Water management of woody perennials under semiarid conditions. Texas Tech University Quaker Research Farm Field Day. Lubbock, TX.

22. Kjelgren, R., T. Montague, and R. Beeson. 2003. Water use and stomatal behavior of sweetgum (*Liquidambar styraciflua*) relative to reference evapotranspiration in three contrasting regions. 4th International Symposium on Irrigation of Horticulture Crops. University of California, Davis, CA.
23. Fox*, L. and T. Montague. 2003. Drought conditioning influences adventitious rooting of select shrub stem cuttings. Annual Meeting International Plant Propagator's Society Southern Region. San Antonio, TX.
24. Montague, T. 2004. Estimating plant water use and increasing plant water use efficiency. High Plains Vegetable Conference, West Texas A&M University, Canyon, TX (Invited).
25. Montague, T. and L. Fox*. 2004. Transplanting and organic mulch affect gas exchange and growth of field grown red oak (*Quercus shumardii* Buckli.). Annual Conference of the Southern Region of the American Society for Horticultural Science. Tulsa, OK.
26. Montague, T. 2004. Helpful horticultural hints for home landscaping happiness. Covenant Medical Lifestyle Centre. Woman's Heart Conference. Lubbock, TX (Invited).
27. Montague, T. and L. Fox*. 2004. Water loss estimates of three containerized landscape tree species using thermal dissipation probes and load cells. Annual Conference of the American Society for Horticultural Science. Austin, TX.
28. Montague, T. and L. Fox*. 2004. Investigating water requirements of select, field-grown tree species in a semi-arid climate. Annual Conference of the American Society for Horticultural Science. Austin, TX.
29. Kjelgren, R., T. Montague, and R. Beeson. 2004. Water use and stomatal behavior of sweetgum (*Liquidambar styraciflua*) relative to reference evapotranspiration in three contrasting regions. Annual Conference of the American Society for Horticultural Science. Austin, TX.
30. Montague, T. 2004. Landscape trees for Lubbock: Old reliables and new possibilities. Texas Tech University Wildflower Symposium. Lubbock, TX (Invited).
31. Montague, T., C. McKenney, and B. Winn*. 2004. Evaluating landscape plants exposed to water conserving irrigation regimes in Lubbock, Texas. High Plains Groundwater Resources: Challenges and Opportunities Conference. Lubbock, TX. (Invited)
32. Montague, T. and L. Fox*. 2005. Gas exchange and growth of two field-grown maple trees species in response to three reference evapotranspiration based irrigation regimes. Annual Conference of the Southern Region of the American Society for Horticultural Science. Little Rock, AR.
33. Montague, T. 2005. Arid Landscapes: Landscaping for water conservation. Second Saturday guest lecture. Lubbock Arboretum Association. Lubbock, TX. (Invited)
34. Montague, T. 2005. Choosing tree species adapted to Lubbock. Lubbock Chamber of Commerce Annual Ag. Appreciation Breakfast, Lubbock, TX. (Invited)
35. Montague, T. 2005. Response of a field-grown red bud varieties to three reference evapotranspiration based irrigation regimes. Southern Nurseryman's Association Research Conference, Atlanta, GA.
36. Montague, T. 2005. Ornamental Plant selections for the Texas High Plains: Shrubs North Region Horticulture Professional Training. Texas Cooperative Extension, Lubbock, TX. (Invited).

37. Montague, T. 2005. Landscape water use – Lubbock Chamber of Commerce and Lubbock County Water Council Sub-Committee Meeting, Lubbock, TX. (Invited)
38. Montague, T. 2005. Water Conserving Trees and Shrubs: West Texas High Plains. Second Saturday guest lecture. Lubbock Arboretum Association. Lubbock, TX. (Invited)
39. Bonds*, A. and Montague, T. 2006. Transplanting and organic mulch affect gas exchange and growth of field grown red oak (*Quercus shumardii* Buckli.). Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
40. Bonds*, A. and Montague, T. 2006. Staking affects growth of containerized seedling trees. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
41. Montague, T. 2006. How much is enough? Estimating water requirements of woody landscape plants. USDA Plant Stress Lab. Lubbock, TX. (Invited)
42. Montague, T. 2006. Woody ornamental plant selections for the West Texas high plains. Texas Cooperative Extension Service / Texas Department of Agriculture. Ornamental and Turf Grass Conference. Brownfield, TX. (Invited)
43. Kjelgren, R., T. Montague, R. Beeson, and Y. Wu. 2006. Water use of *Liquidambar styraciflua* reciprocally grown in humid and arid climates. 5th International Symposium on Irrigation of Horticultural Crops. Mildura, Australia.
44. Montague, T. 2006. Landscaping and plants for water conservation. South Plains Plant Society. Lubbock, TX. (Invited)
45. Montague, T. 2006. Investigating water requirements of field-grown tree species in a semi-arid climate. International Center for Arid and Semiarid Land Studies (ICASALS). Water in Arid and Semiarid Lands: Innovative Approaches and Informed decision-making. Lubbock, TX. (Invited)
46. Bonds*, A. and T. Montague. 2007. Response of Texas and Florida Live Oak (*Quercus virginiana*) Seedlings to Water Deficit Treatments. Annual Conference of the Southern Region of the American Society for Horticultural Science. Mobile, AL.
47. Montague, T. 2007. Woody ornamental plant selections for the West Texas high plains. Lubbock Master Gardeners. Lubbock, TX. (Invited)
48. Krawitzky*, M., E. Hellman, and T. Montague. 2008. Propagation Success of PD Infected Vines. Newsom Grape Day. Plains TX. (Invited)
49. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Influence of rootstock on gas exchange of field grown merlot grapevines. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.
50. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field grown merlot grapevines as influenced by rootstock. Annual Conference of the American Society for Enology and Viticulture. Portland, OR.
51. Montague, T, E. Hellman, and M. Krawitzky*. 2008. Comparison of greenhouse grown, containerized grapevine stomatal conductance measurements using two differing porometers. National Viticulture Research Conference. Davis, CA.

52. Krawitzky*, M., E. Hellman, and T. Montague. 2008. Propagation Success of PD Infected Vines. National Viticulture Research Conference. Davis, CA.
53. Krawitzky*, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field grown merlot grapevines as influenced by rootstock. Seventh Annual Graduate Student Research Poster Competition. Texas Tech University. Lubbock, TX.
54. Montague, T. 2008. Maintaining trees and shrubs for West Texas. Lubbock Home and Garden Show. Lubbock, TX. (Invited)
55. Montague, T., E. Hellman, and M. Krawitzky*. 2009. Comparison of field-grown grapevine stomatal conductance measurements using differing porometers. Annual Conference of the Southern Region of the American Society for Horticultural Science. Atlanta, GA.
56. Montague, T. and E. Hellman. 2009. Physiology of field-grown cool, warm, and hot-climate grape varieties on the Texas High Plains. Texas Viticulture and Enology Research Symposium, Granbury, TX. (Invited).
57. Montague, T. and E. Hellman. 2009. Influence of wind speed on gas exchange of field-grown 'Cabernet Sauvignon' grapevines on the Texas High Plains. Texas Viticulture and Enology Research Symposium, Granbury, TX. (Invited).
58. Montague, T. 2009. Trees and shrubs acclimated for the West Texas High Plains. Lubbock County Extension Horticulture Field Day. Lubbock, TX. (Invited).
59. Montague, T., E. Hellman, and M. Krawitzky*. 2009. Gas exchange of field-grown cool, warm, and hot climate grapevine varieties in West Texas. Annual Meeting of the American Society for Enology and Viticulture, Napa, CA.
60. Purnell*, A., C. McKenney, R. Wright, and T. Montague. 2010. Determination of *Quercus* series *Virentes* heredity in Texas. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
61. Purnell*, A., C. McKenney, and T. Montague. 2010. Provenance affects on stomatal conductance in *Quercus* series *Virentes* across Texas. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
62. Whitehurst*, K., T. Montague, and C. McKenney. 2010. Impact of post-establishment applied organic mulch on gas exchange and growth of landscape tree species. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
63. Montague, T., E. Hellman, and K. Jenkins. 2010. Influence of rootstocks on physiology of merlot grapevines grown on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
64. Montague, T., E. Hellman, and K. Jenkins. 2010. Physiological Differences of Cool, Warm, and Hot Climate Grapevine Varieties on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
65. Montague, T. 2010. Woody plant dormancy: A season of rest? Lubbock Arboretum Second Saturday. Lubbock, TX. (Invited).

66. Montague, T. and C. McKenney. 2010. Upcoming research on environmental impact and best management practices for olive production in Texas. Olive Ole' Grower Day. Elmendorf, TX. (Invited).
67. Montague, T. 2010. Water requirements and irrigation strategies for woody plants on the West Texas High Plains. Lubbock Master Gardeners. Lubbock, TX. (Invited).
68. Montague, T., E. Hellman, and K. Jenkins. 2010. Update on physiological differences of cool, warm, and hot climate grapevine varieties grown on the Texas High Plains. Annual Meeting of the American Society for Enology and Viticulture. Seattle, WA.
69. McKenney, C. and T. Montague. 2010. Sustained growth in distance education: What were we thinking? Annual Meeting of the American Society for Horticultural Science. Palm Desert, CA.
70. Montague, T., C. McKenney, K. Decker, V. Baliga, and A. Bates. 2010. Research Update: Physiology of Texas olive trees when exposed to variable irrigation regimes. Texas Olive Oil Council. Carrizo Springs, TX (Invited).
71. Montague, T. 2011. Water requirements and irrigation strategies for woody plants on the West Texas High Plains. Lubbock Master Gardeners. Lubbock, TX. (Invited)
72. Montague, T., E. Hellman, and K. Jenkins. 2011. Influence of rootstocks on physiology of Cabernet Sauvignon grapevines grown on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Corpus Christi, TX.
73. Baliga*, V., T. Montague, and C. McKenney. 2011. Effects of variable irrigation regimes on containerized olives. Annual Conference of the Southern Region of the American Society for Horticultural Science. Corpus Christi, TX.
74. Decker*, K., C. McKenney, and T. Montague. 2011. The effects of irrigation treatments on stomatal conductance in *Olea europaea* L. Annual Conference of the Southern Region of the American Society for Horticultural Science. Corpus Christi, TX.
75. Montague, T., C. McKenney, and K. Decker*. 2011. Impact of post-establishment applied organic mulch on gas exchange and growth of two oak tree species. Southern Nurserymen's Association Research Conference. Mobile, AL.
76. Montague, T., E. Hellman, and K. Jenkins. 2011. Physiology of cabernet sauvignon grapevines grafted to different rootstocks on the Texas High Plains. 62nd National Conference of the American Society of Enology and Viticulture. Monterey, CA
77. McKenney, C., R. Wright, and T. Montague. 2011. Phylogenetic analysis of *Quercus* series *Virentes*. Annual Conference of the American Society for Horticultural Science. Waikoloa, HI.
78. Arnold, M, D. Bryan, E. Bush, R. Cabrera, G. Denny, J. Griffin, J. Iles, A. King, G. Knox, L. Lombardini, G. McDonald, C. McKenney, T. Montague, G. Niu, A. Owings, B. Pemberton, A. Purnell*, L. Shoemaker, D. Struve and T. Watson. 2011. Provenance and tree selection for the urban forest. Urban Tree Growth: An International Meeting and Research Symposium. Lisle, IL.
79. Henry, G., L. Beck, T. Cooper, T. Montague, and C. McKenney. 2011. Evaluation of mulch and pre-emergence herbicides for weed control in high density olive (*Olea europaea* L.) production. Crop Science Society of American Annual Conference. San Antonio, TX.

80. Henry, G., L. Beck, T. Cooper, T. Montague, and C. McKenney. 2011. Post-emergence weed control in high density olive (*Olea europaea* L.) production. Crop Science Society of American Annual Conference. San Antonio, TX.
81. Montague, T. Some like it hot: 2011. Physiological response of grapevines to heat and drought. Texas Wine and Grape Growers Association Annual Grape Camp. Fredericksburg, TX (Invited).
82. Arnold, M, D. Bryan, E. Bush, R. Cabrera, G. Denny, J. Griffin, J. Iles, A. King, G. Knox, L. Lombardini, G. McDonald, C. McKenney, T. Montague, G. Niu, A. Owings, B. Pemberton, A. Purnell*, L. Shoemaker, D. Struve and T. Watson. 2012. Ten-site Evaluation of Advanced Clonal Selections of *Taxodium distichum* (L.) Rich. Yields Data Aiding in Selection of Improved Trees for Built Environments in the Eastern and Central United States. Annual Conference of the American Society for Horticultural Science. Miami, FL.
83. Baliga*, V., T. Montague, and C. McKenney. 2012. Effects of drought stress on greenhouse grown olives (*Olea europaea* L.). Annual Conference of the Southern Region of the American Society for Horticultural Science. Birmingham, AL.
84. Montague, T., C. McKenney, and V. Baliga*, 2012. Gas Exchange of drought stressed greenhouse grown olive varieties. Annual Conference of the Southern Region of the American Society for Horticultural Science. Birmingham, AL.
85. Montague, T., E. Hellman, and K. Jenkins. 2012. Physiological differences of five grapevine varieties grown on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Birmingham, AL.
86. Decker*, K., T. Montague, and C. McKenney. 2012 Response of greenhouse grown olive varieties to irrigation and fertilization regimes. Annual Conference of the Southern Region of the American Society for Horticultural Science. Birmingham, AL.
87. Montague, T., C. McKenney, and K. Decker*. 2012. Response of redbud (*Cercis canadensis*) trees to post-establishment applied organic mulch. Annual Southern Nursery Conference. Mobile, AL.
88. Montague, T. 2012. Olive oil production in Texas. Lubbock Arboretum Second Saturday. Lubbock, TX. (Invited)
89. Montague, T. 2012. Strategies for low water use landscapes on the West Texas High Plains. Lubbock Arboretum Second Saturday. Lubbock, TX. (Invited)
90. Montague, T. 2012. Strategies for low water use landscapes on the West Texas High Plains. Plainview Master Gardeners. Plainview, TX. (Invited)
91. Montague, T., C. McKenney, J. Sharma, and G. Henry. 2012 Research Update: Environmental impact and management practices for olive production in Texas. Texas Olive Oil Council Grower's Meeting. Austin, TX. (Invited)
92. Montague, T., C. McKenney, J. Sharma, G. Henry, K. Whitehurst, V. Baliga*, and S. Parks. 2012. Olive Oil Research at Texas Tech University: What have we done lately? 1st Annual Texas Olive Oil Conference. San Antonio, TX. (Invited)

93. *Plank, C., E. Hellman, and T. Montague. 2013. The effects of sunlight and LED light on methoxypyrazine content of ripening berries of cabernet sauvignon. 64th ASEV National Conference. Monterey, CA.
94. *Grubbs, Rebecca, C.B. McKenney, T. Montague, and S. Oswalt . 2013. Determining salinity tolerance of three High Plains bedding plant species in a hydroponics setting. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.
95. *Poole, Jessica, C.B. McKenney, and T. Montague. 2013. Evaluation of salinity effects on four Texas native plants using a hydroponics system. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL
96. McKenney, Cynthia B., and T. Montague. 2013. Where did all the students go? Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL
97. Montague, Thayne, C.McKenney, S. Parks*, and K. Decker*. 2013. Gas exchange and growth of two field grown oak species in response to post establishment applied organic mulch and drought. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL
98. *Parks, Staci, T. Montague and C.B. McKenney. 2013. Effects of irrigation regime on gas exchange of field grown *Olea Europeaea* L. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL
99. Montague, T. 2013. Water requirements and irrigation strategies for woody landscape plants on the West Texas High Plains. Lubbock Master Gardeners. Lubbock, TX. (Invited)
100. Montague, T. 2013. Woody landscape plants on the West Texas High Plains: Challenges and water requirements. Plainview Master Gardeners. Plainview, TX. (Invited)
101. Montague, T. 2013. Asexual Propagation of Horticulture Plants: It's Alive! Osher LifeLong Learning Seminar. Lubbock, TX. (Invited)
102. McKenney, C., T. Montague, and A. Elle. 2013. Effectiveness of online laboratory experiences. Annual Conference of the American Society for Horticultural Science. Palm Desert, CA.
103. McKenney, C., T. Montague, and C. Chadwell. 2014. Successful retention efforts for distributed learning students. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.
104. Montague, T. and C. McKenney. 2014. Gas Exchange response to leaf excision of field grown redbud trees. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.
105. Montague, T., C. McKenney, and S. Parks*. 2014. Gas exchange and growth of two field grown oak species in response to post establishment applied organic mulch and drought. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.
106. Montague, T., C. McKenney, and S. Parks*. 2014. Influence of irrigation regime on gas exchange, growth, and oil quality of field grown *Olea europaea* L. 'Arbequina'. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.

107. Gunter*, A., C. McKenney, and T. Montague. 2014. Germination techniques in *Ipomopsis rubra* and *Melampodium leucanthum*. Annual Conference of the Southern Region of the American Society for Horticultural Science. Dallas, TX.
108. Plank*, C., E. Hellman, and T. Montague. 2014. Effect of light environment on methoxypyrazine content of Cabernet Sauvignon. American Society for Enology and Viticulture Annual Conference. Austin, TX.
109. Montague, T. 2014. Proper pruning techniques for West Texas trees and shrubs. Lubbock Arboretum Second Saturday. Lubbock, TX. (Invited)
110. Montague, T. and C. McKenney. 2014. Update on current and past olive research at Texas Tech University. Texas Olive Oil Council. San Antonio, TX. (Invited)
111. Plank*, C., E. Hellman, and T. Montague. 2014. Sunlight effect on flavor and aroma compounds. Texas Wine and Grape Growers Annual Conference. Plano, TX.
112. McKenney, C.B. and T. Montague. 2014. Creating successful distributed learning laboratory experiences. Annual Meeting of the International Society for Horticultural Science. Brisbane, Australia.
113. Kjelgren, R., R.C. Beeson, D.P. Pittenger, and T. Montague. 2015. Simplified Landscape Irrigation Demand Estimation: SLIDE Rules. Journal of the American Society of Agricultural and Biological Engineers. ASABE Annual International Meeting. New Orleans, LA.
114. Montague, T. and E. Hellman. 2015. Gas exchange response of leaf excision for five *Vitis* cultivars. Annual Conference of the Southern Region of the American Society for Horticultural Science. Atlanta, GA.
115. Montague, T. 2015. Grape varieties for Texas Vineyards: An overview of current and future rootstocks and scions. Texas Wine and Grape Growers Annual Conference. Fredericksburg, TX. (Invited)
116. McKenney, C.B. and T. Montague. 2016. Distance Education MS Students: Where do they end up? Annual Meeting of the American Society for Horticultural Science Southern Region. San Antonio, TX
117. Montague, T. 2016. Plant Propagation: Techniques for the Texas High Plains (and beyond). Lubbock Arboretum Second Saturday. Lubbock, TX (invited)
118. Montague, T. and E. Hellman. 2016. Current Horticulture / Viticulture Research. Texas Nursery and Landscape Association Board Presentation. Lubbock, TX
119. Montague, T. and E. Hellman. 2016. Using leaf excision during gas exchange measurements to increase sample size. 67th National Conference of the American Society of Enology and Viticulture. Monterey, CA
120. Montague, T. and C.B. McKenney. 2016. Gas exchange and growth of landscape tree species in response to drought and post establishment applied organic mulch. International Symposium on Woody Ornamentals of the Temperate Zone. Minneapolis, MN
121. Montague, T. and C.B. McKenney. 2016. Gas exchange response to leaf excision for two field-grown *Quercus* species. Annual Meeting of the American Society for Horticultural Science Southern Region. San Antonio, TX

122. Mills, L. and T. Montague. 2016. Analysis of green walls and roof gardens of West Texas. Dilemma:Debate. Council of Educators in Landscape Architecture Annual Meeting. Logan, UT
123. Tengler*, K., C. McKenney, M. Baker, B. Pape*, and T. Montague. 2016. Dryland Agroecology: Opportunities for horticultural production in Turkana County, Kenya. Association for the International Agricultural and Extension Education Conference. Portland, OR
124. Montague T. and C. McKenney. 2017. Comparison of online and hybrid woody plant identification classes. Annual Meeting of the American Society for Horticultural Science Southern Region. Mobile, AL.
125. Montague T., E. Hellman, and E. Graff. 2017. Assessing secondary bud fruitfulness of two *Vitis* cultivars grown on the Texas High Plains. Annual Meeting of the American Society for Horticultural Science Southern Region. Mobile, AL.
126. Plowman, R.*, C. McKenney, and T. Montague. 2017. Quantifying environmental services that selected trees, shrubs and herbaceous plants provide in an urban arid-semi-arid environment. Annual Meeting of the American Society for Horticultural Science. Waikoloa, HI.
127. Montague, T. 2018. How Much is Enough? Estimating Water Requirements and Sustainable Water Management of Plants in Urban Landscapes. Guest Lecture. PSS 2316 (Sustainable Agriculture). Department of Plant and Soil Science. Texas Tech University, Lubbock, TX (Invited).
128. McKenney, C. and T. Montague. 2018. California Dreamin' Spring Trials. Lubbock Arboretum Second Saturday, Lubbock Arboretum, Lubbock, TX. (Invited).
129. Montague, T. and R. Kjelgren. 2018. How Much is Enough? Estimating Water Requirements and Water Management of Landscape Plants. West Texas Golf Course Superintendent's Association Annual Meeting. Lubbock, TX. (Invited).
130. Montague, T., C. McKenney, R. Plowman*, and D. Merriman. 2018. Undergraduate Recruitment of Horticulture Students: A West Texas Perspective. American Society for Horticultural Science Annual Meeting. Washington, DC.
131. Montague, T. and R. Kjelgren. 2018. How Much is Enough? Estimating Water Requirements and Water Management of Landscape Plants. Texas Nursery and Landscape Association Annual Expo. San Antonio, TX. (Invited).
132. Montague, T., E. Hellman, P. Helwi, and E. Graff*. 2018. Assessing Secondary Bud Fruitfulness of Two *Vitis* Cultivars Grown on the Texas High Plains: Second Year Update. Southern Region American Society for Horticultural Science Annual Meeting. Jacksonville, FL.
133. Montague, T., E. Hellman, P. Helwi, and E. Graff*. 2018. Assessing Secondary Bud Fruitfulness of *Vitis vinifera* 'Grenache' and 'Cabernet Sauvignon' Vines Grown on the Texas High Plains: A Second Year Update. American Society for Horticultural Science Annual Meeting. Washington, DC.
134. Montague, T., E. Hellman, P. Helwi, and E. Graff*. 2018. Secondary Bud Growth and Fruitfulness of *Vitis vinifera* 'Grenache' Grown on the Texas High Plains: A Two-Year Review. American Society of Enology and Viticulture Annual Meeting. Monterey, CA.

135. Montague, T., M., E. Hellman, P. Helwi, and T. Ruland*. 2019. Influence of hail-netting on *Vitis vinifera* physiology, growth, production and fruit quality: A Texas High Plains perspective. Newsom Grape Day. Plains TX. (Invited)
136. Montague, T. 2019. Strategies for low water use landscapes on the West Texas High Plains. Lubbock County Master Gardeners, Lubbock County Extension Office, Lubbock, TX. (Invited)
138. Ruland*, T., T. Montague, P. Helwi, M. Bougreau. 2019. Effects of hail-netting on gas exchange and production of field grown Malbec grapevines (*Vitis vinifera*). Plant and Soil Science Graduate Student Conference, Department of Plant and Soil Science, Lubbock, TX.
139. Andrenko*, I., T. Montague, and C. McKenney. 2019. Understanding salinity tolerance of select wildflower species in a hydroponic setting. Department of Plant and Soil Science Graduate Student Conference, Department of Plant and Soil Science, Lubbock, TX.
140. Montague, T. 2020. Use of Li-Cor 6800 to estimate stress in field grown strawberries. Poteet Strawberry Field Day. Poteet, TX. (Invited)
141. Wallace R., T. Montague, and M. Cox*. 2021. Review of 2020 and 2021 strawberry research data. Poteet Strawberry Field Day. Poteet, TX. (Invited)
142. Montague, T., R. Wallace, and M. Cox*. 2021. Strawberry Research Update: Shade and Irrigation Trials. Poteet Strawberry Field Day. Poteet, TX. (Invited)
143. Montague, T. 2021. Grafting: An overview. GrowTech Club Meeting. Lubbock, TX. (Invited)
144. Montague, T., R. Wallace, and M. Cox*. 2021. Research Update: Shade and Irrigation Trials. Growing Strawberries in North Texas Growers Meeting. Texas A&M AgriLife Extension. Denton, TX. (Invited)
145. Wallace, R., T. Montague, and M. Cox*. 2021. Strawberry field preparation, planting dates, plant spacing, fertilization, weed control, harvesting and grading. Growing Strawberries in North Texas Growers Meeting. Texas A&M AgriLife Extension, Denton, TX. (Invited)
146. Montague, T., R. Wallace, and M. Cox*. 2022. Update on strawberry research. Poteet Strawberry Growers Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited)
147. Wallace, R., T. Montague, and M. Cox. 2022. Research update on growing strawberries in Texas. Poteet Strawberry Growers Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited)
148. Montague, T., R. Wallace, and S. Panta*. 2022. Strawberry Research Update: Poteet Shade Trials. Poteet Strawberry Growers Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited)
149. Wallace, R., T. Montague, and S. Panta*. 2022. Strawberry Research Update. Poteet Strawberry Growers Association Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited).
150. Montague, T., R. Wallace, and S. Panta*. 2022. Strawberry Research Update: Shade and Irrigation Trials. Prairie View A&M University, Specialty Crops Program Strawberry Production Online Workshop. (Invited).
151. Montague, T., R. Wallace, and S. Panta*. 2022. Strawberry Research Update: Shade and Irrigation Trials. Lubbock County Strawberry Field Day, Lubbock, TX. (Invited).

152. Montague, T., R. Wallace, and S. Panta*. 2022. Strawberry Research Update: Poteet Shade Trials. Poteet Strawberry Growers Association Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited)
153. Wallace, R., T. Montague, and S. Panta*. 2022. Strawberry Production. Poteet Strawberry Growers Association Meeting, Poteet Strawberry Growers Association, Poteet, TX. (Invited).
154. Montague, T., R. Wallace, and S. Panta*. 2022. Plant Stress Effects, Shading, and Irrigation: What's New? Fruit Production in North Texas. Texas A&M AgriLife Extension, Denton, TX. (Invited)
155. Wallace, R. and T. Montague. 2022. Strawberry Field Preparation, Planting Dates, Plant Spacing, Fertilization, Weed Control, Harvesting, and Grading. Fruit Production in North Texas, Texas A&M AgriLife Extension, Denton, TX. (Invited)
156. Montague, T. and R. Wallace, and S. Panta*. 2022. Texas Specialty Fruit Crops: Biotic and Abiotic Plant Stresses. Fruit Growers Forum. Texas A&M AgriLife Extension, Williamson County, Georgetown, TX. (Invited)
157. Wallace, R., T. Montague, and S. Panta*. 2022. Strawberry Production. Fruit Growers Forum, Texas A&M AgriLife Extension, Williamson County, Georgetown, TX. (Invited)
158. Montague, T. 2022. Plant Propagation for the Texas High Plains. Lubbock County Master Gardeners, City of Lubbock Arboretum, Lubbock, TX. (Invited)
159. Montague, T., T. Ruland*, and D. Timmons, K. Williams, P. Helwi, and E. Hellman. 2022. Texas High Plains Grapevine Hail-netting Research Update. Texas Wine and Grape Growers Annual Conference, Dripping Springs, TX. (Invited)
160. Montague, T. and A. Villanueva-Morales. 2022. Measurement of gas exchange on excised strawberry leaves does not differ from in situ leaves, and increases sample size. American Society for Horticultural Science Annual Meeting, Chicago, IL.
161. Lauterbach*, K., T. Montague, and E. Hellman. 2022. Investigating optimal irrigation of *Vitis vinifera* 'Roussanne' vines on the Texas High Plains. Southern Region American Society for Horticultural Science Annual Meeting, New Orleans , LA.
162. Montague, T., R. Wallace, and M. Cox*. 2022. Influence of light level on leaf gas exchange and fruit production of two strawberry cultivars grown in Texas. Southern Region American Society for Horticultural Science Annual Meeting, New Orleans , LA.
163. Wallace, R., P. Ampim, T. Montague, D. Rankin, and L. Stein. 2022. Planting date influence on strawberry variety yield and revenues in Texas. Southern Region American Society for Horticultural Science Annual Meeting, New Orleans , LA.
164. Montague, T. 2023. Spring garden planting overview. The Church of Jesus Christ of Latter-Day Saints Relief Society Woman's Group. Lubbock, Texas. (Invited)
165. *Panta, S., *Ruland, T., *Lauterbach, K., *Hillin, D., Kar, S., and Montague, T. 2023. Updated Texas High Plains AVA vineyard phenoxy herbicide leaf tissue survey. Eastern Section American Society of Enology and Viticulture Annual Meeting, Austin, TX.

166. *Panta, S., Wallace, R., and Montague, T. 2023. Strawberry (*Fragaria × ananassa*) growth and yield as influenced by irrigation level and plant spacing. Southern Region American Society for Horticultural Science Annual Meeting, Oklahoma City, OK.
167. Montague, T., Wallace, R., Rankin, D., French, C., and Stein, L. 2023. Influence of shade cloth on growing environment, leaf gas exchange, and fruit production of two strawberry (*Fragaria × ananassa*) cultivars grown in Texas. North American Strawberry Growers Association Annual Symposium, San Luis Obispo, CA.
168. Montague, T. 2023. Texas Tech University Viticulture and Enology Program. Texas Wine and Grape Growers Association Grape Camp. Lubbock, TX.
169. Montague, T. 2023. Viticulture Research on the Texas High Plains: Past, Present, and Future. Texas A&M AgriLife Viticulture Research Symposium. College Station, TX.
170. Montague, T. 2023. Plant Propagation for the Texas High Plains (and beyond). Lubbock County Master Gardeners. Lubbock, TX.
171. *Thomas, A., C. Lindquist, M. Monsur, D. Montague, and C. Simpson. 2023. Adapting Horticultural Therapy: The Benefits of an At-home Bonsai Kit for Military Service Members. American Society for Horticultural Sciences Annual Conference. Orlando, FL.
172. *Thomas, A., C. Lindquist, M. Monsur, D. Montague, and C. Simpson. 2023. Horticultural Therapy as a Tool to Support the Sustainable-Self in Military Service Member Reintegration. American Society for Horticultural Sciences Annual Conference. Orlando, FL.
173. Williams, K., T. Ruland*, K. Lauterbach*, T. Montague and P. Helwi. 2023. Texas High Plains winter bud damage survey. Eastern Section American Society of Enology and Viticulture Annual Meeting, Austin, TX.

*current / former graduate student

External Support:

Funded:

1. Peffley, E. B., C. B. McKenney, R. E. Durham, and D. T. Montague. 1999. Designing a horticultural lab course to accommodate students with disabilities. USDA-CSREES. \$93,146.
2. Montague, D. T., C. B. McKenney, M. A. Maurer, L. Keith, and C. J. Green. 2000. Determination of optimal irrigation practices for selected landscape ornamentals. College of Agricultural Sciences and Natural Resources Research Enhancement Program. \$37,800.
3. Montague, D. T. and M. A. Maurer. 2001. Evaluation of automated irrigation systems for turfgrass. City of Lubbock. \$30,000.
4. Montague, D. T. and S. Mass. 2001. Development of a high-performance airborne remote sensing system for water resources research. State of Texas Advanced Technology Program. \$159,223.
5. Montague, D. T., C. McKenney, M. A. Maurer, L. Keith, and C. Green. 2001. Determination of optimal irrigation practices for selected landscape ornamentals. Texas Tech University College of Agriculture and Natural Resources Research Enhancement Program. \$25,000.

6. Montague, T., G. Gehring, and J. Pulley. 2004. Influence of improved fungicides on oak wilt control and physiology of containerized live oak (*Quercus virginiana*) trees. J. J. Mauget Company Research Grant. \$13,600.
7. Hellman, E. and T. Montague. 2006. Viticulture research. Texas Department of Agriculture. \$55,000.
8. Hellman, E. and T. Montague. 2006. Viticulture and enology certificate program. Texas Department of Agriculture. \$27,200.
9. Hellman, E. and T. Montague. 2007. Viticulture research. Texas Department of Agriculture. \$55,000.
10. Hellman, E. and T. Montague. 2007. Viticulture and enology certificate program. Texas Department of Agriculture. \$27,200.
11. McKenney, C., T. Montague, R. Wright, and D. Auld. 2008. Determination of drought tolerance and parentage of live oak (*Quercus virginiana*) and escarpment live oak (*Quercus fusiformis*) accessions for adaptation to demanding environments. Tom's Tree Place. \$57,287 (Montague \$14,322).
12. Hellman, E. and T. Montague. 2008. Viticulture research. Texas Department of Agriculture. \$55,000.
13. Montague, T. and C. McKenney. 2008. Impact of post-establishment applied organic mulch on gas exchange and growth of select landscape tree species. International Society of Arboriculture TREE Fund. \$6,732.
14. Montague, T. and C. McKenney. 2009. Building the olive industry in Texas through expansion of cultivation sites and production of high quality nutritious olive oil. Texas Department of Agriculture. \$50,000.
15. Hellman, E. and T. Montague. 2009. Viticulture research. Texas Department of Agriculture. \$55,000.
16. Thompson, T., B. Trela, E. Hellman, T. Montague, and C. McKenney. 2010 – 2012. Enhancing academic programs in viticulture and enology at Texas Tech University. Texas Department of Agriculture. \$30,000.
17. Hellman, E. and T. Montague. 2010 – 2012. Viticulture research to increase yields and enhance quality. Texas Department of Agriculture. \$48,575 (TAMU and TTU).
18. Montague, T., C. McKenney, G. Henry, and J. Sharma. 2010. Investigating environmental impact and best management practices for olive (*Olea europaea* L.) production in Texas. Texas Department of Agriculture. \$75,000.
19. Sharma, J., B. Trela, T. Montague, and C. Wang. Truffle production in Texas: Adding value to the pecan industry. 2011. Texas Department of Agriculture Specialty Crop Block Grant Program. \$49,504.
20. Montague, T., C. McKenney, G. Henry, and J. Sharma. Environmental Impact and Best Management Practices for Olive (*Olea europaea* L.) Oil Production in Texas (Phase 3). 2011. Texas Department of Agriculture Specialty Crop Block Grant Program. \$67,200.
21. Thompson, T., B. Trela, E. Hellman, T. Montague, and C. McKenney. 2011. Enhancing academic programs in viticulture and enology at Texas Tech University. Texas Department of Agriculture. \$36,203.

22. Montague, T. and E. Hellman. 2011. Viticulture research to increase yields and enhance quality. Texas Department of Agriculture. \$66,425 (second of two year grant period).
23. Montague, T., C. McKenney, J. Sharma, and J. Johnson. 2012. Improving Management Practices for Olive Oil Production in Texas. Texas Department of Agriculture Specialty Crop Block Grant. \$68,800.
24. Sharma, J., B. Trela, C. Wang, and T. Montague. 2012. Truffle production in Texas: Adding value to the pecan industry. Texas Department of Agriculture Specialty Crop Block Grant. \$43,500.
25. Lee, K., M. Nesbitt, L. Stein, J. Kamas, T. Montague, C. McKenney, R. Cabrera. 2014. Nutrient and management practices to improve growth and sustainability of olive trees in Texas. Texas Department of Agriculture Specialty Crop Block Grant. \$145,956.
26. Montague, T. 2014. Develop an On-line Woody Plant Materials Course. Texas Tech University Worldwide eLearning Course Development grant. \$4,824.
27. Klein, C., Y. Luo, C. Casanova, T. Montague, J. Young, C. McKenney, and D. Lawver. 2015. Xeric Landscape Design Studio: Initial Inception and Implementation Plan. USDA-NIFA Cooperative State Research Education Extension Service. Capacity building Grants for Non-Land Grant Colleges of Agriculture Program. \$149,952.
28. Houlding, K., A. Englehardt, P. Ricchiuti, G. Kelley, D. Kennedy, B. Sutton, J. Swafford, P. Darragh, K. Houston, V. Hughes, M. Garcia, D. Flynn, S. Want, L. Stein, M. Nesbitt, T. Montague, J. Kamas, D. Leskovar, N. Malik, D. Jackson, E. Smith, and J. Gillett-Kaufman. 2015. Developing a trans-disciplinary strategic plan for the American olive oil industry to identify and prioritize research opportunities and challenges. USDA- NIFA Specialty Crop Research Initiative. \$50,000.
29. Montague, T. and E. Hellman. 2016. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
30. Young, J. and T. Montague. 2016. Physiological impact of chronic water stress on common residential lawn turf species in West Texas. Texas AgriLife Research, Texas Turfgrass Research Education and Extension. \$5,470.
31. Shehan, A. and T. Montague. 2016. Fertilization management practices to accelerate growth and establishment of olive. Texas Tech University, Center for Active Learning and Undergraduate Engagement. \$1,080.
32. Plowman, R., C. McKenney, and T. Montague. 2017. Establishment of a pollinator garden on the grounds of the Texas Tech University Fiber Bio-polymer Research Institute (FBRI). Bayer Crop Science. \$5,000.
33. Montague, T. and E. Hellman. 2018. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
34. Montague, T., E. Hellman, W. Guo, R. Williams, and P. Helwi. 2019. Improving High Plains Vineyard Irrigation Scheduling for Enhanced Water Use Efficiency. USDA Ogallala Aquifer Program. \$69,201.
35. Montague, T. and E. Hellman. 2019. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).

36. Young, J., T. Montague, and V. Baliga. 2019. Effect of shade on growth, water use, and photosynthetic rate of common turfgrass species. High Plains Underground Water District No. 1. \$5,913.
37. Montague, T. and E. Hellman. 2019. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
38. Wallace, R., T. Montague, L. Stein, D. Rankin, G. Macias, and L. Miller. 2020. Increasing Texas strawberry profitability through two additional years research and grower training. Texas Department of Agriculture Specialty Crop Block Grant. \$92,000 (responsible for \$66,061).
39. Montague, T., W. Guo, and E. Hellman. 2020. Improving High Plains vineyard irrigation scheduling for enhanced water use efficiency. USDA Ogallala Aquifer Program. \$42,020 (responsible for \$36,642).
40. Montague, T. and E. Hellman. 2020. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
41. Montague, T., P. Helwi, P. Dotray, and K. Williams. 2021. Development of a novel method to assist grape growers reduce off-target auxin herbicide drift related injury. Texas Department of Agriculture. \$117,312 (responsible for \$117,312).
42. Montague, T. and E. Hellman. 2021. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
43. Montague, T. and E. Hellman. 2022. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
44. Wallace, R. and T. Montague. 2022. Evaluating strawberry varieties statewide to increase producer competitiveness and publish updated Production Guides and online Training Modules from current Texas research. \$132,000 (responsible for \$54,000)
45. Montague, T. and E. Hellman. 2022. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program. \$365,000 (responsible for \$160,000).
46. Montague, T. and E. Hellman. 2022. Texas Senate Bill 881 funding for Texas Tech University Viticulture and Enology Program (responsible for \$80,000).
47. Howell, N., J. Smith, D. Montague, B. Guerro, B. Askarian, G. Niu, F. Tabei, C. Atkins, and R. Wallace. Enhancing economic, nutritional, and resiliency outcomes for strawberry production in the US South Central region via smart controlled environment agriculture. USDA / NIFA Specialty Crop Research Initiative Pre-Application Planning Grant. \$50,000 (pending).
48. O'Brien, P., D. Montague, H. Nakabuye, and D. Hillin. 2023. Defining priorities and building infrastructure for wine grape research and extension in the Southern United States. USDA / NIFA Specialty Crop Research Initiative Pre-Application Planning Grant. \$50,000 (pending).
49. Howell, N., C. Atkins, A. Tabei, B. Askarian, B. Guerreo, G. Niu, J. Masabni, J. Smith, T. Montague, and T. Li. 2023. Use of controlled environment agriculture (CEA) methods to enhance the viability of strawberry (*Fragaria x ananassa*) production in Texas and Mississippi. USDA / Texas Department of Agriculture Specialty Crop Multi-State Program. \$998,117 (pending).

Not Funded:

1. Baird, T., T. Montague, and D. Willis. 1999. Sustainable stormwater management guidelines for the campus of Texas Tech University. Water Resources Center Research Program. \$11,990.
2. Baird, T., T. Montague, and R. E Zartman. 1999. Sustainable urban water management systems. College of Agricultural Sciences and Natural Resources. \$80,000.
3. Montague, T. and E. B. Peffley. 1999. Evaluation of native and non-native grape accessions for salt and drought tolerance in the High Plains Region of Texas. USDA Vitis Germplasm Evaluation. \$23,106.
4. Montague, T. 1999. Gas exchange and growth of ornamental shrub species under three irrigation regimes. Water Resources Center Research Program. \$10,742.
5. Maurer, M. A., T. Montague, and R. E Zartman. 2000. Evaluation of subsurface drip irrigation for sand based greens. Mark Kizziar Research Grant. Golf Course Superintendents Association of America. \$37,392.
6. Montague, T. 2000. Response of preconditioned, containerized, tree species to drought and flooding. The International Society of Arboriculture. \$12,200.
7. Montague, T. 2000. Evaluation of select tree species subjected to three field irrigation regimes in the High Plains region of Texas. Horticultural Research Institute. \$10,000.
8. Montague, T. 2000. Pre-conditioning select, containerized, landscape tree species to drought and flood conditions. John Z. Duling Grant Program. The International Society of Arboriculture. \$4,900.
9. Montague, T., C. J. Green, and D. L. Auld. 2000. Evaluation of MagAmp+K for production of two bedding plant species under different moisture regimes. MagLine, Inc. \$10,174.
10. Montague, T. and J. Wilmington. 2000. Affects of greenhouse height control method and field irrigation regime on select herbaceous perennial species in the High Plains region of Texas. Perennial Plant Association. \$3,900.
11. Maurer, M. A., T. Montague, and C.J. Green. 2000. Development of best management practices for nitrogen fertigation of turfgrass. Michael Hurdzan Endowment fund. Golf course Superintendents Association of America. \$29,817.
12. Montague, T. 2000. Appraising irrigation requirements of select plant species to reduce landscape irrigation in the High Plains region of Texas. Charles A. and Anne Morrow Lindbergh foundation. \$10,535.
13. Montague, T. 2001. Improving establishment of select, container grown woody ornamentals with drought stress pre-conditioning. Horticulture Research Institute. \$10,000.
14. Montague, T. 2001. Effects of water deficit stress preconditioning on establishment and growth of containerized, ornamental tree species. International Society of Arboriculture. \$16,887.
15. Montague, T. 2001. Investigating the short-term response of containerized woody plant species to drought stress pre-conditioning. Texas Nursery and Landscape Association. \$4,600.
16. Montague, T. 2001. Verification of individual tree water loss estimates using direct measurement procedures. USDA-CSREES New Investigator Award. \$236,536.

17. McKenney, C., M. Maurer, and T. Montague. 2002. The photoperiodic and thermomorphogenic responses of *Athyrium*, *Dryopteris*, *Nephrolepis*, and *Polystichum* Spp. Transplants to various durations of storage. Fred C. Gloeckner Foundation Inc. \$30,000.
18. Montague, T. 2002. Establishment of select containerized tree species using reduced irrigation and mulch in a semi-arid climate. Horticulture Research Institute. \$19,000.
19. Kjelgren, R., R. Beeson, T. Montague, and U. Schuch. 2002. Quantifying water use of Moraine sweetgum trees in four contrasting climates. Horticulture Research Institute. \$20,000.
20. Montague, T. 2002. Establishment of transplanted, field-grown Shumard oak in an arid climate. Texas Nursery and Landscape Association. \$9,900.
21. Montague, T. 2002. Determination of optimal irrigation levels for establishment of select *Quercus spp.* in a semi-arid climate. International Society of Arboriculture. \$16,887.
22. Montague, T. 2002. Water use of select tree species in a semi-arid climate. International Society of Arboriculture. \$6,202.
23. Montague, T. and C. McKenney. 2002. Verification of Individual Landscape Tree Water Loss in Two Distinct Climates. USDA-CSREES New Investigator Award. \$160,647.
24. Montague, T. and D. Willis. 2003. The Influence of Climatic and Economic Factors on Residential Landscape Water Use. State of Texas ATP Grant Program. Full proposal submitted. \$145,355.
25. McKenney, C., T. Montague, and Samuel Hill., 2003. Duration of canopy light penetration and physiological response of mature live oak trees to crown thinning. International Society of Arboriculture. \$15, 381.
26. Montague, T. and J. Wilmington. 2003. Affects of moisture stress conditioning on height control and rooting of select herbaceous perennial species. Perennial Plant Association. \$4,153.
27. Wallace, R. and T. Montague. 2003. Investigating water requirements of select, field-grown tree and shrub species in a semi-arid climate. Texas Ornamental Enhancement Endowment. \$6,000.
28. Wallace, R. and T. Montague. 2003. Field-Grown canna lily (*Canna x generalis*) response to herbicide and irrigation practices for control of nutsedge on the Texas High Plains. \$5,000.
29. Montague, T. 2003. Using mulch to improve establishment of field-grown trees in an arid climate. International Society of Arboriculture. \$6,779.
30. Montague, T. and R. Kjelgren. 2003. Response of Select Field Grown Tree Species to Three Irrigation Regimes in Arid Climates. Horticulture Research Institute. \$34,839.
31. Montague, T. 2004. Water use efficiency of container and bare root trees grown in a field nursery production system. Horticulture Research Institute. \$24,850.
32. Montague, T. and R. Wallace. 2004. Water use efficiency of select container grown trees in a field nursery production system. Texas Nursery and Landscape Association. \$4,985.

33. Montague, T. 2004. Establishment of select, containerized oak species using reduced irrigation and organic mulch. International Society of Arboriculture. \$11,562.
34. Montague, T. 2005. Improving Adventitious Rooting of Stem Cuttings with Short-term Drought Conditioning. Horticulture Research Institute. \$13,270.
35. Montague, T. 2005. Affect of planting depth and irrigation volume on gas exchange and growth of two field grown, containerized, oak tree species. International Society of Arboriculture. \$10,958.
36. Montague, T. 2005. Estimating water requirements of newly transplanted containerized elm trees in relation to planting depth. International Society of Arboriculture. \$7,240.
37. Montague, T. 2006. A multi-year study investigating water use efficiency of select container grown trees in a field nursery production system. Texas Nursery and Landscape Association. \$4,972.
38. Rachmilevitch, S., T. Thompson, N. Lazarovitch, and T. Montague. 2007. Water use and carbon budget associated with tolerance of potential biofuel C₄ grasses to combined drought and salinity stresses. TDA-TIE BARD. \$299,500.
39. McKenney, C., T. Montague, G. Henry, and J. Woodward. 2007. The impact of Algan™ on the growth and development of landscape plants and interior ornamentals. Seaweed Canarias Co. \$118,000.
40. Montague, T. 2007. Affect of planting depth and irrigation volume on gas exchange and growth of two field grown, containerized, oak tree species. Hyland R. Johns Grant, International Society of Arboriculture. \$13,500.
41. McKenney, C. and T. Montague. 2007. Screening *Quercus virginiana* accessions for adaptation to demanding environments. Hyland R. Johns Grant, International Society of Arboriculture. \$25,000.
42. McKenney, C. and T. Montague. 2007. Determination of drought tolerance of a unique provenance of *Quercus fusiformis* intended for commercial landscape use. Texas Nursery and Landscape Association. \$5,000.
43. Mass, S., T. Thompson, G. Henry, R. Wright, C. McKenney, D. Auld, T. Montague, and C. Bednarz. 2007. Environment simulation facility for studying plant growth under controlled conditions. Texas Tech University Research and Development Grant.
44. McKenney, C., T. Montague, M. Arnold, B. Pemberton, and G. Niu. 2007. Screening live oak (*Quercus virginiana*) and escarpment live oak (*Quercus fusiformis*) accessions for adaptation to demanding environments. USDA Woody Landscape Plant Crop Germplasm Committee. \$17,327.
45. McDonald, G.V., R. Rainy, J. Robbins, M.A. Arnold, R. Cabrara, C. McKenney, J. Cole, and T. Montague. Sustainable production of under-utilized or water efficient ornamental landscape plants for small growers. USDA SCRI Project. \$500,000.
46. Montague, T., C. McKenney, and J. Moore-Kucera. 2008. Investigating enzyme activity in soils below mulched and non-mulched established landscape trees. Texas Nursery and Landscape Association Education and Research Foundation. \$5,000.
47. Montague, T. and C. McKenney. 2008. Impact of post-establishment applied organic mulch on gas exchange and growth of select landscape tree species. Texas Chapter: International Society for Arboriculture. \$5,000.

48. McKenney, C., T. Montague, J. Woodward, and G. Henry. 2008. The impact of AlgaCan on the growth and development of landscape and interior plants. SeaWeed Canarias, Spain. \$118,520.
49. Mass, S. et al. 2008. Environment simulation facility for studying plant growth under controlled conditions. Texas Tech University Development Grant. \$204,350.
50. Montague, T. and C. McKenney. 2008. Impact of post-establishment applied organic mulch on gas exchange and growth of select landscape tree species. Hyland R. Johns Grant. International Society for Arboriculture. \$12,581.
51. McDonald, G., R. Rainy, J. Robbins, M. Arnold, R. Cabrara, C. McKenney, J. Cole, and T. Montague. 2009. Selection of Native and Adapted Genotypes for Water Efficient Low Input Landscapes and Their Incorporation into Sustainable Nursery Production Systems. USDA-SCRI. \$500,000.
52. Montague, T. and C. McKenney. 2009. Response of water deficit pre-conditioning on establishment of select container oak species. Tree Research and Education Endowment Fund. \$18,317.
53. Montague, T. and C. McKenney. 2009. Impact of post-establishment applied organic mulch on gas exchange and growth of landscape tree species. Tree Research and Education Endowment Fund. \$7,432.
54. McKenney, C., T. Montague, and J. Woodward. 2010. Survey and characterization of foliar diseases of *x Chitalpa tashkentensis* and *Chilopsis linearis*. John Z. Duling Grant, TREE Fund. \$10,000.
55. McDonald, G., R. Rainy, J. Robbins, M. Arnold, R. Cabrara, C. McKenney, J. Cole, and T. Montague. 2011. Sustainable production of under-utilized or water efficient ornamental landscape plants for small growers. Planning Grant. USDA-SCRI. \$50,000.
56. Montague, T., B. Trela, D. Auld, and S. Oswalt. 2011. Vineyard and winemaking grape waste byproducts to biofuel and value added products: Adding value to the Texas wine industry. Texas AgriLife Research Bioenergy Seed Grant Program. \$200,000.
57. Montague, T. and C. McKenney. 2011. Impact of post-establishment applied organic mulch on gas exchange and growth of landscape tree species. John Z. Duling Grant. TREE Fund. \$10,000.
58. McKenney, C. and T. Montague. 2011. Selection of native tree species for salinity tolerance. John Z. Duling Grant. TREE Fund. \$9,995.
59. Montague, T. and C. McKenney. 2013. Selection of Redbud Species for Salinity Tolerance. John Z. Duling Grant of the Tree Fund. \$9,995.
60. Montague, T. and C. McKenney. 2013. Establishment of containerized oak trees in response to limited irrigation, planting depth, and mulch in a semi-arid climate. Tree Research and Education Endowment Fund. \$24,528.
61. Montague, T. 2014. Improving establishment of transplanted, field-grown trees in a semi-arid, changing climate. ArborJet. \$30,101.
62. Montague, T. and McKenney. 2014. Field production of trees for urban environments: Interaction of irrigation and fertility in a changing climate. Horticulture Research Institute. \$35,530.
63. Young, J., G. Perry, C. McKenney, T. Montague, J. Moore-Kucera, R. Williams, G. Ritchie, T. Udeigwe, J. Sharma, R. Cox, E. Bernard, B. Leinauer, and V. Baliga. 2014. Increasing agricultural water

availability through enhanced urban landscape design and sustainable management practices. United States Department Agriculture National Institute of Food and Agriculture Food Research Initiative grant. \$4,700,000.

64. Lee, K., M. Nesbitt, L. Stein, J. Kamas, T. Montague, C. McKenney, and R. Cabrera. Coordinated testing of olive varieties, soil disease, and plant nutrition. 2015. Texas Department of Agriculture Specialty Crop Block Grant. \$152,527.
65. Wallace, R., P. Ampim, T. Montague, and C. McKenney. 2015. Increasing production, sustainability and consumer availability of Texas-grown strawberries. Texas Department of Agriculture Specialty Crop Block Grant. \$171,319.
66. Fedler, C., T. Montague, C. McKenney, T. Anderson, S. Deb, D. Mitchell, and D. Patterson. 2016. Adaptive wastewater reuse for the food, energy, water nexus. National Science Foundation. \$2,429,965.
67. Montague, T. and C. McKenney. 2016. Enhancing establishment of newly planted landscape tree species in a high vapor pressure, semi-arid, urban climate. Tree Research and Education Endowment Fund, Hyland R. Johns Grant. \$49,390.
68. Wallace, R., T. Montague, and C. McKenney. 2016. Increasing production and consumer availability of Texas-grown strawberries. United State Department of Agriculture Specialty Crop Block Grant. \$19,496.
69. Young, J., J. Vanos, C. McKenney, and T. Montague. 2016. Optimizing landscape design to conserve water and maximize environmental ecosystem services. United State Department of Agriculture Specialty Crop Block Grant. \$60,243.
70. Young, J., C. McKenney, J. Vanos, T. Montague. 2016. Demonstration Landscapes to Optimize Ecosystem Services of Urban Communities in Lubbock, TX. Texas Tech University, The CH Foundation. \$49,880.
71. Young, J., C. McKenney, T. Montague, E. Bernard, M. Baker, R. Williams, and T. Davis. 2016. Desirable, adaptive, resilient landscapes for urban land cover. Texas Tech University, Seed Grant for Interdisciplinary Research. \$132,746.
72. Montague, T. and J. Young. 2017. Enhancing establishment of newly planted landscape tree species in a semi-arid, urban climate. AquaSmart. \$15,045.
73. Hellman, E., T. Montague, J.D. Booker, S. Deb, W. Guo, S. Singh. L. Slaughter, and R.B. Williams. 2017. Improving Irrigation Scheduling of Vineyards on the Texas High Plains for Enhanced Water Use Efficiency of a High Value Crop. USDA Ogallala Aquifer Program. \$187,478.
74. Guo, W., S. Deb, and T. Montague. 2018. Irrigation Scheduling Using Unmanned Aerial System Remote Sensing and Weather Data. USDA Ogallala Aquifer Program. \$99,710.
75. Young, J., S. Longing, T. Montague, V. Baliga, and R. Plowman. 2019. Water conserving perennial landscapes for pollinator and personal attraction. Horticulture Research Institute. \$21,526.
76. Montague, T. 2019. Water management to sustain the economic activity from the Ogallala Aquifer on the Southern High Plains. USDA Agricultural Research Service. \$37,601.

77. Montague, T., R. Plowman. 2019. Management practices to improve growth and sustainability of lavender in Texas. USDA Specialty Crop Block Grant. Texas Department of Agriculture. \$95,000.
78. Montague, T., E. Hellman, W. Guo, K. Williams, P. Dotray. 2019. Enhancing technology to assist West Texas grape growers detect auxin based herbicide injury. USDA Specialty Crop Block Grant. Texas Department of Agriculture. \$121,796.
79. Montague, T., S. Kar, P. Helwi, P. Dotray, E. Hellman, and K. Williams. 2021. Development of a novel method to assist grape growers reduce off-target auxin herbicide drift related injury. USDA Specialty Crop Block Grant. Texas Department of Agriculture. \$117, 600.
80. Montague, T. and R. Wallace. 2022. Improving irrigation efficiency using select crop production methods for two horticulture specialty crops on the Texas High Plains. Ogallala Aquifer Program. \$124,826.
81. Montague, T. S. Longing, R. Wallace, and J. Legako. 2023. Investigating cold tolerant pomegranate varieties as an alternative crop for Texas High Plains Growers. USDA Specialty Crop Block Grant. Texas Department of Agriculture. \$135,853.
82. Houlding, K, D. Yeasmin, G. Brar, C. Hillyer, T. Montague, and D. Chavez. 2023. Increasing resilience in the US olive oil industry: Evaluation of freeze mitigation practices for super high-density orchards through strategic research and extension activities. USDA Specialty Crop Research Initiative. \$4,000,000.
83. Montague, T., R. Wallace. 2023. Investing funds for improving the viticulture and small fruit research lab space. \$264,000.

Engagement:

A. University Committees and Service:

Texas Tech University.

1. TEACH program mock interview participant (2002, 2005)
2. Faculty Development Leave Committee (Substitute Member) (2004)
3. Graduate School Poster Competition Judge (2004 – 2009, 2011 - 2015)
4. Faculty Grievance Panel (2007 – present)
5. Texas Tech University Graduate School Review Committee: Department of Applied and Professional Studies (2008 – 2009)
6. Graduate Dean’s Representative: David Servino PhD candidate dissertation defense (2011)
7. Texas Tech University Core Curriculum Committee (2016 – 2019)
8. Graduate Dean’s Representative: Andrii Baryshpolets PhD candidate dissertation defense (2021)

B. College Committees and Service:

College of Agricultural Sciences and Natural Resources.

1. Retention and Career Development Committee (2002, 2004)
2. ARC Center pre-advisement session (2002)
3. Agriculture and Natural Awareness Week Committee (2005 – 2007)
4. Marketing and Outreach Committee (2005 – 2009)
5. Faculty Retreat Committee (2009)
6. Brent Trela Mentoring Committee (2009 – 2012)
7. Faculty Retreat Planning Committee (2012, 2016)
8. Educational Enhancement and Curriculum Committee (2010 – present)
9. Mentoring Committee: Dr. Scott Longing (2016 – 2019)
10. Three-year Review Committee: Dr. Wenxuan Guo (2017 – 2020)

11. Mentoring Committee: Dr. J.D. Booker (2017 – 2020)
12. Department of Plant and Soil Science Chair Search Committee (2019)
13. Muntazar Monsur (LARC) Three-Year Review Committee member (2022 - 2023)
14. Leehu Loon (LARC) Tenure Committee member (2022)

C. Departmental Committees and Service:

Department of Plant and Soil Science.

1. Search Committee for Horticulture Position (1999, 2008)
2. Search Committee for USDA Plant Stress Lab Micrometeorologist Position (1999)
3. Horticulture Club advisor (1999 – 2012)
4. University Day departmental booth (2000)
5. Scholarship Committee (2000 – present)
6. Revised and edited PSS 1411 Extended Studies Course Guide (2004)
7. Louise Bell Belsterling Foundation Scholarship Meeting representative (1999 – present)
8. Recruitment, Retention and Recognition Committee (2005 – 2009)
9. Curriculum Committee Chair (2008 – present)
10. Brent Trela Mentoring Committee (2009 – 2012)
11. Leadership Team: Undergraduate Program Leader (2009 – present)
12. Greenhouse Committee Chair (2014 – 2017)
13. Greenhouse Committee (2017 – present)
14. Glen Ritchie Promotion and Tenure Committee (2011 – 2015)
15. Principles of Horticulture (PSS 1411) Advisor's Breakfast Coordinator (2011, 2013)
16. Turf Position Search Committee Chair (2012)
17. Enology Instructor Search Committee (2013)
18. Horticulture Instructor Search Committee Member (2012)
19. Entomology Instructor Search Committee Member (2012)
20. Representative for San Antonio Livestock Exposition Scholarship Committee (2011 – 2015)
21. TTU Majors / Minors Fair booth representative (2015)
22. State FFA Nursery / Landscape Career Development Contest Judge (TTU) (2014 – present)
23. PSS 1411 (Principles of Horticulture) course coordinator (2010 – 2017)
24. Scott Longing mentoring committee (2014 – 2017)
25. Louise Bell Belsterling Foundation Scholarship Lubbock Tour Coordinator (2014, 2017, 2023)
26. Leadership Team: Undergraduate Program Leader (2009 – present)
27. Distance Education Committee (2015 – present)
28. Texas Nursery and Landscape Association Expo Representative (1999 – present)
29. Search committee chair: Fredericksburg, TX viticulture / enology position (2017)
30. Search committee: vegetable production position (2017)
31. Texas Nursery and Landscape Association Board Member (2017 – present)
32. Associate Chair Undergraduate Programs (2018 – present)
33. Advisory Board (2018 – present)
34. Search Committee Member: Vegetable Production position (2017)
35. Search Committee Member: Horticulture Instructor position (2017)
36. Search Committee Chair: Fredericksburg TX viticulture / crops position (2017)
37. Search Committee Chair: Rockwell Endowed Horticulture position (2018 - 2019)
38. Cynthia McKenney retirement reception event organizer (2018)
39. El Paso Community College 2 + 2 Academic Trip (2018)
40. Search Committee enology / brewing instructor (2019)
41. North Central Region Horticulture Department Chairs Annual Meeting (2019 2023)
42. Plant and Soil Science Department evaluation committee meeting (2020)
43. Search Committee Member: Enology Instructor position (2020)
44. Search Committee Member: Horticulture Instructor position (2020)
45. Graduate Coordinating Committee member (2021 – present)

46. Hall of Fame Committee member (2021 – present)
47. Viticulture Position Search Committee chair (2022 – 2023)
48. Ed Hellman Three-Year Tenure Review Committee chair (2022)

D. Professional Society Service:

1. Reviewer of HortTechnology, HortScience, Journal of the American Society for Horticultural Science, Tree Physiology, Arboriculture and Urban Forestry, Journal of Environmental and Experimental Botany, International Journal of Food Properties, Urban Forestry and Urban Greening, Environment, Acta Horticulturae, Natural Resource Journal, BioSystems Engineering, and Crop Science manuscripts, Urban Forestry Urban Greening (61 career total)
2. Reviewer of USDA/CSREES/NRICGP proposals (2004)
3. Texas Tech University Chapter, Gamma Sigma Delta (Honorary Society of Agriculture).
 - a. Vice President Elect (2004)
 - b. President (2005)
4. US Geological Survey National Institutes for Water Resources: Grant reviewer (2009)
5. Ornaments Publication Award Screening Committee, American Society for Horticultural Science (2007 – present)
6. Southern Region American Society for Horticultural Science Nominations Committee (2010 – 2016)
7. Southern Region American Society for Horticultural Science Annual Meeting Poster Chair (2012)
8. Textbook Review: Acquaah, G. Horticulture: Principles and Practices textbook edition 5. Pearson / Prentice Hall Publishing. Upper Saddle River, NJ (2011)
9. National Science Foundation Graduate Research Fellowship Program proposal reviewer. Washington, DC (2011, 2013)
10. American Society for Horticultural Science Ornamental Publication Awards Committee Chair (2013 – present)
11. Textbook Review: Rice and Rice. Practical Horticulture. 7th Ed. Pearson Publishing (2015)
12. Southern Region American Society for Horticultural Science Annual Meeting Floriculture, Ornaments, and Turf Section Chair (2018)
13. Miller Distinguished Educator Award Committee Member, Southern Region American Society for Horticultural Science (2018 – 2020)
14. Gerald O. Mott Scholarship Award Selection Committee (2017)
15. Southern Region American Society for Horticultural Science Executive Committee member (2019 – present)
16. American Society of Enology and Viticulture Scholarship Committee member (2021 – present)
17. Great Plains AgIdea Chair (2023)
18. North Central Agriculture Commodity (NCAC-4) Committee member (2019 – present)

E. Professional / Industry Service:

1. KMAC-ABC TV Spot (1999)
2. Lubbock Lake Landmark Design Charrette (2000)
3. KFRE Agriculture Talk Radio Show. Lubbock, Texas (May, 2001. Jan., Aug., Sep. 2004, Mar. 2005)
4. Fox 950 Agriculture Talk Radio Show. Lubbock, Texas (Jun. 2006)
5. Lubbock Avalanche-Journal: ‘Tree that survived tornado faces bulldozers’ (May 23, 2002)
6. Witness / Consultant, Aldridge Nursery (2003)
7. Texas Department of Agriculture-Texas Israel-Exchange-Binational Agricultural Research and Development (BARD) Fund Proposal Review Panel (2004)
8. Associated Press Release: Late planting may doom some trees around Olympic sites (Jul. 31, 2004)

9. McCain, C., and T. Montague. Check sprinkler control settings at end of daylight savings time. *The Cross Section* (Oct. 2004)
11. USDA Cooperative State Research, Education, and Extension Service Competitive Research Initiative Competitive Grants Program Reviewer (2004)
12. Lubbock Avalanche-Journal: 'With Summer's Heat, City Urges Resident's to Consider Wise Water Use' (28 May 2005)
13. Israel Science Foundation Research Grant Reviewer (2007)
14. University of Florida Promotion and Tenure Packet Reviewer (2007)
15. Texas A&M University Promotion and Tenure Packet Reviewer (2007)
16. 2007 Ogallala Aquifer Program Workshop (2007)
17. Lubbock Avalanche Journal Article: 'Many trees in Lubbock parks will survive flooding' (23 October 2008)
18. Texas Nursery and Landscape Association Trade Show attendee (1999-2001, 2003 – 2009, 2011 – 2016)
19. TGB Landscape Architect consultant: Covenant Hospital, Lubbock, TX (2016 – 2017)
20. Outreach: numerous horticulture calls / visits each year
21. AgIdea Contributor / Instructor (2010 – present)
22. Textbook Review: Elsevier Publishing. *Dendrology: Cones, Flowers, Fruits, and Seeds* (2017)
23. CEV Media video editor: *Small Fruit Production* (2017)
24. Litigation Consultant, Ware and Garcia, PLLC, Lubbock, TX (2016 – 2019)

F. Community Service:

1. Lubbock Arboretum Board (1999-2003)
2. Haynes Elementary Science Fair Judge (2003)

G. Professional Enhancement Activities:

1. American Society for Horticultural Science Annual Conference (2000, 2004, 2018, 2022)
2. Southern Region American Society for Horticultural Science Annual Conference (2000-2019)
3. Ornamental Tree Water Use Conference. Salt Lake City, UT (2002)
4. Creating World Wide Web Courses. Pedagogy Short Course, Texas Tech University (2003)
5. Introduction to WEBCT Short Course, Texas Tech University (2003)
6. "How to Lecture", Texas Tech University Teaching Learning and Technology Center (2004)
7. "Write Winning Grants". Grant Writers Seminar and Workshop. Texas Tech University (2004)
8. 2nd Annual High Plains Vegetable and Weed Control Field Day. Texas A&M Experiment Station. Lubbock, TX (2004)
9. High Plains Vegetable Conference. West Texas A & M University. Canyon, TX (Jan. 2004)
10. High Plains Groundwater Resources: Challenges and Opportunities Conference (Dec. 2004)
11. LI-COR LI-6400 Portable Photosynthesis System Training Course, Lincoln, NE (Oct. 2005)
12. Newsom Vineyard Grape Day, Plains TX (2007, 2010 - 2022)
12. Annual National Viticulture Research Conference. Davis, CA (2007 – 2008)
13. Texas Pierce's Disease Symposium. Austin, TX (2007 – 2008)
14. Texas Tech University Teaching Learning and Technology Center Blackboard Training Session (March 2009)
15. Southern Nursery Growers Annual Conference. Mobile, AL (2005, 2011)
16. Texas High Plains Pierce's Disease Education Meeting, Lubbock, TX (2009)
15. Groupe d'Etude des Sstemes de CONduite de la Vigne Conference. Davis, CA (2009)
16. Texas Viticulture and Enology Research Symposium, Granbury, TX (2009)
17. Annual Meeting of the American Society for Viticulture and Enology (2009 – 2011, 2016 – 2019, 2022, 2023)
18. Unified Wine and Grape Growers Symposium. Sacramento, CA (2010, 2016 – 2019, 2021 - 2022)
19. Table Grape Symposium. Davis, CA (2010)

20. Texas Wine and Grape Grower Association Grape Camp (2010 – 2022)
21. Turnitin and iThenticate training: TTU TLTC (2011)
22. Texas Tech University Teaching Learning and Technology Center Blackboard Training Session April 2013)
23. Texas Wine and Grape Grower Association Annual Meeting (2012, 2016 – 2018, 2020 - present)
24. Texas Olive Oil Council Annual Meeting. San Antonio, TX (2012 – 2015)
25. College of Agricultural Sciences and Natural Resources Advising Academy Member (2015)
26. Vintage Report Conference. Napa, CA (2016)
27. Third International Symposium on Woody Ornamentals of the Temperate Zone. Minneapolis, MN (2016)
28. Texas A&M Olive Production and Management Tour. San Antonio, TX (2016)
29. Texas Association of Olive Oil Growers Meeting. Placedo, TX (2016)
30. Viticulture Enology Science and Technology Alliance Grape Analysis Workshop (Austin, TX)
31. North Central Agriculture Commodity (NCAC-4) annual meeting (2019 – present)
32. Texas A&M University College of Agriculture AgriLife Conference. College Station, TX (2019)
33. LI-COR LI-6800 Portable Photosynthesis System Training Course, Lincoln, NE (May 2019)
34. National Grape Research Alliance: Sensor technology workshop, Sacramento, CA (Nov. 2019)
35. Texas Strawberry Field Day. Poteet TX (Aug. 2020 - 2022)
36. Texas Department of Agriculture. Virtual Strawberry Growers Training. (Sept. 2020)
37. North American Strawberry Growers Association Annual Meeting (2023)