DAVID E. LEMKE **REGENTS' TEACHER**

Texas State Vita

ACADEMIC/PROFESSIONAL BACKGROUND

Educational Background

Ph.D.	1983	Botany	The University of Texas at Austin
B.S.	1975	Biology	Bucknell University

University Experience

2006–present	Associate Chair for Graduate Programs	Texas State University
2024–2025	Interim Chair, Biology	Texas State University
2023–present	Regents' Teacher	Texas State University System
1997–present	Professor	Texas State University
1992–1997	Associate Professor	Texas State University
1991	Visiting Assistant Professor	Texas Tech University
1984–1992	Assistant Professor	Texas State University
1983–1984	Visiting Assistant Professor	University of Texas at El Paso
1980–1981	Instructor	Louisiana State University
1976–1980	Teaching Assistant	University of Texas, Austin

Relevant Professional Experience

2016–present	Research Associate	Botanical Research Institute of Texas
2016–present	Research Affiliate	Plant Resources Center, The University of Texas at Austin
1984–present	Independent Botanical Consultant	
1982–1983	Environmental Consultant	Morrison-Knudsen Co., Inc.
1981–1982	Botanical Consultant	Texas Department of Health
1981–1982	Environmental Consultant	Camp Dresser & McKee, Inc.

TEACHING

Teaching Honors and Awards:

2023	Texas State University System Regents' Teacher
2022	Everette Swinney Faculty Senate Excellence in Teaching Award
2022	Minnie Stevens Piper Foundation Piper Professor
2021	Texas State University Piper Professor Award Nominee
2021	Everette Swinney Faculty Senate Excellence in Teaching Award
2020	Texas State Alumni Association Teaching Award of Honor

2020 Alpha Chi Favorite Professor
2014 Alpha Chi Favorite Professor
1999 Texas State Nominee, Carnegie Foundation Professor of the Year Award
1998 Presidential Award for Excellence in Teaching, Texas State University
1996 Tri-Beta Teaching Award

Courses Taught:

Bio 1310	General Biology
Bio 1320	Modern Biology I
Bio 1321	Ecology, Evolution and Society (Laboratory Coordinator)
Bio 1410	Introduction to Plant Biology
Bio 1421	Modern Biology II (Laboratory Coordinator)
Bio 2410	General Botany
Bio 3400	Evolution and Genetics
Bio 3461	Plant Taxonomy
Bio 4305/5305	Nature Study
Bio 4410/5410	Field Biology of Plants
Bio 4411/5411	Plant Morphology
Bio 4416	General Ecology
Bio 5100	Professional Development
Bio 5110	General Biology Seminar
Bio 5318	Special Topics in Botany: Biology of Aquatic Plants
Bio 5318	Special Topics in Botany: Agrostology
Bio 5362	Environmental Impact Analysis
Bio 7100	Professional Development
Bio 7102	Photography for Biologists Seminar
Bio 7426	Ecology and Management of Aquatic Macrophytes

Ph.D. Dissertations (committee member):

Crawford, Michele	2019	An analysis of the effects of suspended sediment and photosynthetically active radiation (PAR) on the vegetative growth of Texas wild rice (*Zizania texana*)

M.S. theses (supervisor):

Burkholder, Jackson	2024	The structure of extrafloral nectaries in cacti
Gates, Marquise	2022	The Texas species of Malvaceae (*sensu stricto*)
Conway, Shelby	2022	Anatomy and morphology of the seed in the Texas species of *Argemone* (Papaveraceae)
Bernardin, Jessica	2019	A morphological and molecular reassessment of *Robergea albicedrae* (Ascomycota)

Digges, Diana	2019	Vascular flora of the Yegua Knobbs Preserve, Bastrop and Lee counties, Texas
Ibrahim, Alaa	2015	Fossil conifers of Terlingua Ranch, Brewster County, Texas
Souss, Johann	2014	Scent production in the carrion flowers (Apocynaceae)
Henson, Jeremy	2012	A comparative analysis of plant species distribution and growth response to edaphic features between the San Saba River and a tributary
Aplaca, Jed	2010	The non-native flora of Texas
Kajoina, Florence	2010	Anatomy and morphology of the stem in the carrion flowers (Apocynaceae)
Malone, Dawnelle	2008	Baseline studies of invasive African buffelgrass (*Cenchrus ciliaris*) in Big Bend National Park
Wakefield, Andrea	2004	Megastrobilus development in *Juniperus ashei* (Cupressaceae)
Hagenbuch, Karl	2003	A vegetative key to the grasses (Poaceae) of the Balcones Canyonlands of Texas
Marr, Minette	2000	The vascular flora of McKinney Roughs, Bastrop County, Texas
Roberts, Roland	1996	The Euphorbiaceae of Texas
Sanchez, Laura	1994	The vegetation of Hill Country State Natural Area, Bandera and Medina Counties, Texas
Ahmad, Lisa	1993	Woody plant communities of Guadalupe River State Park, Comal and Kendall counties, Texas
Benn, Stephen	1992	Leaf anatomy and architecture in Neotessmannieae (Tiliaceae)
Angerstein, Kort	1992	Systematic anatomy of the leaf in Lacistemaceae
Oakley, Melani	1990	Mycorrhizal inoculum potential as a factor in revegetation of surface-mined lands
Lyday, George	1989	Plant associations of the Edwards, Walnut and Glen Rose formations in Hays County, Texas
Labus, Zachary	1989	The vegetation of Seminole Canyon State Park, Val Verde County, Texas

M.S. theses (committee member):

Berkenkamp, Erin	2024	Analyzing colony structural characteristics to assess establishment of reintroduced black-tailed prairie dogs (*Cynomys ludovicianus*)
Mulhall, Brendan	2023	The influence of nest site characteristics on nest success and parasitism of black-capped vireos in the southwestern Edwards Plateau
Bordini, Allison	2017	Changes in leaf area and nutrient content of *Celtis* spp. across a precipitation gradient in Texas
Richey, Jon	2014	Atmospheric carbon dioxide and its relation to carbon cycle perturbations during ocean anoxic event 1D: a high resolution record from dispersed plant cuticle
Harper, Amber	2012	Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons
Birnbaum, Amanda	2011	Plant growth and chemical responses to variation in soil properties by a Texas sand ridge endemic, *Monarda viridissima* (Lamiaceae)
Callahan, Casey	2009	The effect of decomposition on central Texas vegetation
Elliott, Kristine	2004	Wildfire-induced mortality of woody plants in a central Texas savanna
Scott, Kristy	2004	Above and below-ground morphological responses of cucumber seedlings (*Cucumis sativus*) to ultraviolet-B radiation
Ramirez, Patricia	2002	Live oak (*Quercus virginiana* var. *fusiformis*)-Ashe juniper (*Juniperus ashei*) interactions in a central Texas savanna
Jessup, Kirk	2001	Vegetation dynamics of a live oak-juniper savanna: an isotopic assessment
Phillips, Patricia	1999	Composition of the woody plant understory of plateau live oak (*Quercus virginiana* var. *fusiformis*) clusters in a central Texas savanna
Ruiseco, Lana	1998	Woody plant effects on soil seed banks in a central Texas savanna
Caskey, Bobby Joe	1998	Colonization and vertical zonation of macrophyte algae on introduced granite substrates in the ship channel at Port Aransas, Texas

Cleveland, William	1998	A comparison of fungal and bacterial activity on decomposing leaves of *Colocasia esculenta* (Araceae)
Sutton, Kari	1997	Baseline inventory and initial effects of three range management practices on the Tobusch fishhook cactus (*Ancistrocactus tobuschii*, Cactaceae) at the Walter Buck Wildlife Management Area, Texas
Couch, Karen	1996	Seedling recruitment and plant recolonization of a disturbed population of *Abronia macrocarpa* Galloway (Nyctaginaceae)
Bailey, Marian	1993	Visitor impact and emergent behavior patterns of a central Texas bat colony
Kainer, Mark	1992	Woody plant use and preferences by the American beaver (*Castor canadensis*) in central Texas
Vaughan, Joe	1986	Population and autecological assessment of *Zizania texana* Hitchc. (Poaceae) in the San Marcos River

M.S. non-thesis students (committee chair or member):

Bower, Ember	2024
Rahimi, Mitra	2023
Fallah Abed, Meraj	2023
Aasbak, Christina	2022
Vanhoye, Jenni	2022
Allen, Phylicia	2018
Fleming, Ryan	2017
Miller, Chelsea	2017
Dietz, Leslie	2015
Thornton, Jessica	2015
Demla, Anuj	2015
Donahue, Matthew	2014
Ramachandran, Varsha	2013
Wicker, Julie	2012
Zafian, Holly	2011
Angermeier, Joseph	2006
Cryer, Chad	2006

Courses Prepared and Curriculum Development

Responsibility for developing and introducing the following courses:

Bio 1321 Ecology, Evolution and Society (lecture and laboratory)
Bio 1421 Modern Biology II Laboratory
Bio 3400 Evolution and Genetics

Bio 5100 Professional Development
Bio 5318 Special Topics in Botany: Agrostology
Bio 7100 Professional Development
Bio 7102 Photography for Biologists
Bio 7426 Ecology and Management of Aquatic Macrophytes

Assisted in the initial planning and development of the following interdisciplinary courses:

Eng 3345 Southwestern Studies I
Eng 3346 Southwestern Studies II

Funded External Teaching Grants and Contracts:

1992 National Endowment for the Humanities (with M. Busby), Crossing disciplines through Southwestern Studies, $160,000
1991 National Science Foundation (with E. Schneider and S. Tarsitano), Enhancement of undergraduate laboratory instruction in introductory biology classes, $25,100

Funded Internal Teaching Grants and Contracts:

1998 Faculty Advancement Center Award, $2000.00

SCHOLARLY/CREATIVE

Textbooks

Lemke, D. E. 2024. Laboratory exercises in ecology and evolution, 2nd ed. Stipes Publishing, Champaign, Illinois. 115 pp.

Lemke, D. E. 2019. Laboratory exercises in ecology and evolution, 2nd ed. Stipes Publishing, Champaign, Illinois. 100 pp.

Lemke, D. E. 2018. Laboratory exercises in ecology and evolution. Stipes Publishing, Champaign, Illinois. 100 pp.

Lemke, D. E. 2010. Laboratory manual for modern biology, 4th ed. Stipes Publishing, Champaign, Illinois. 102 pp.

Lemke, D. E. 2008. Laboratory manual for modern biology, 3rd ed. Stipes Publishing, Champaign, Illinois. 102 pp.

Lemke, D. E. 2002. Laboratory manual for modern biology, 2nd ed. Stipes Publishing, Champaign, Illinois. 102 pp.

Lemke, D. E. 2001. Laboratory manual for modern biology. Stipes Publishing, Champaign, Illinois. 100 pp.

Lemke, D. E. 1991. Introduction to plant biology, 2nd ed. Burgess International Publishers, Edina, Minnesota. 130 pp.

Lemke, D. E. 1990. Introduction to plant biology. Burgess International Publishers, Edina, Minnesota. 114 pp.

Chapters in Books

Lemke, D. E. and C. E. Main. 1990. Distribution of *Nicotiana repanda* in southern and central Texas; a potential source of inoculum. Pp. 179–182 in C. E. Main and H. W. Spurr (eds.), Blue Mold Disease of Tobacco, North Carolina State Univ.

Lemke, D. E. 1995. *Allium*. Pp. 206–217 in S. Cheatham, M. C. Johnston and L. Marshall, The useful wild plants of Texas, the southeastern and southwestern United States, the southern plains, and northern Mexico. Useful Wild Plants, Inc., Austin, Texas.

Refereed Contributions

Fishbein, M., D. E. Lemke and A. Krings. 2023. Apocynaceae. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 103–109.

Lemke, D. E. 2023. *Allamanda*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 109–110.

Lemke, D. E. 2023. *Alstonia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 110–111.

Lemke, D. E. 2023. *Carissa*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 125–126.

Lemke, D. E. 2023. *Catharanthus*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 126–127.

Lemke, D. E. 2023. *Haplophyton*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, p. 128.

Lemke, D. E. 2023. *Ochrosia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, p. 129.

Lemke, D. E. 2023. *Plumeria*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 129–130.

Lemke, D. E. 2023. *Rauvolfia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 130–131.

Lemke, D. E. 2023. *Tabernaemontana*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 132–133.

Lemke, D. E. 2023. *Vinca*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 135–136.

Lemke, D. E. 2023. *Angadenia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, p. 137.

Lemke, D. E. 2023. *Apocynum*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 138–140.

Lemke, D. E. 2023. *Cycladenia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 141–142.

Lemke, D. E. 2023. *Echites*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 143–144.

Lemke, D. E. 2023. *Mandevilla*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 144–147.

Lemke, D. E. 2023. *Nerium*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, p.148.

Lemke, D. E. 2023. *Pentalinon*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 148–149.

Lemke, D. E. 2023. *Rhabdadenia*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 149–150.

Lemke, D. E. 2023. *Thyrsanthella*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, p. 151.

Lemke, D. E. 2023. *Trachelospermum*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 14, pp. 151–152.

Reynolds, M. L., P. S. Williamson, T. M. Cade, D. E. Lemke and T. Hardy. 2020. Effects of photosynthetically active radiation on vegetative growth of Texas wild rice and consequences for population augmentation. HortScience 55:1000–1004.

Lemke, D. E. and M. D. Reed. 2017. A notable range extension for *Shinnersia rivularis* (Asteraceae, Eupatorieae) in Texas. Phytoneuron 2017-3:1–5.

Lemke, D. E. 2015. *Lechea*. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol. 6, pp. 389–397.

Hagenbuch, K. W. and D. E. Lemke. 2015. Grasses of the Texas Hill Country: vegetative key and descriptions. Phytoneuron 2015-4:1–93.

Lemke, D. E. 2014. Validation of the name *Lechea torreyi* var. *congesta* (Cistaceae). Phytoneuron 2014-33:1-2.

Lemke, D. E. 2009. Cyrillaceae. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America north of Mexico. 19+ vols. New York and Oxford. Vol 8, pp. 367–369.

Lemke, D. E. and J. L. Aplaca. 2006. *Erodium malacoides* (Geraniaceae), new to Texas. Sida 22:1245–1249.

Olson, D. W., M. S. Olson, R. L. Doescher, L. L. Lambert, D. E. Lemke, A. M. Carl, R. Johnson, S. D. Smith and K. H. Trede. 1997. Piñon pines and the route of Cabeza de Vaca. Southwestern Historical Quarterly 101:175–186.

Lemke, D. E. 1994. New collection records for the aquatic macrophytes *Ceratopteris thalictroides* (Parkeriaceae) and *Limnophila sessiliflora* (Scrophulariaceae) in Texas. Sida 16:379–381.

Angerstein, M. B. and D. E. Lemke. 1994. First records of the aquatic weed *Hygrophila polysperma* (Acanthaceae) from Texas. Sida 16:365–371.

Lemke, D. E. 1994. *Quercus laceyi* (Fagaceae) new to the Llano Uplift region of central Texas. Sida 16:381–382.

Lemke, D. E. and R. P. Roberts. 1993. First record of *Hydrilla verticillata* (L.f.) Royle (Hydrocharitaceae) from the Lesser Antilles. Phytologia 74:330–332.

Lemke, D. E. 1992. *Schinus terebinthifolius* (Anacardiaceae) in Texas. Phytologia 72:42–44.

Lemke, D. E. and R. D. Worthington. 1991. *Brassica* and *Rapistrum* (Brassicaceae) in Texas. Southwestern Naturalist 36:194-197.

Lemke, D. E. 1991. The genus *Solanum* (Solanaceae) in Texas. Phytologia 71:362-378.

Hutzler, P. and D. E. Lemke. 1991. Recent collections of *Heliotropium europaeum* (Boraginaceae) from Texas. Sida 14:618–619.

Lemke, D. E. 1989. Aquatic macrophytes of the upper San Marcos River, Hays Co., Texas. Southwestern Naturalist 34:289-291.

Lemke, D. E. and V. Wesby. 1989. *Anchusa azurea* (Boraginaceae), new to Texas. Sida 13:516.

Lemke, D. E. 1988. A synopsis of Flacourtiaceae. Aliso 12:28-43.

Lemke, D. E. and E. L. Schneider. 1988. *Xanthosoma sagittifolium* (Araceae): New to Texas. Southwestern Naturalist 33:498-499.

Lemke, D. E. 1987. Morphology, xylem anatomy, and relationships of *Neopringlea* (Flacourtiaceae). Systematic Botany 12:609-616.

Lemke, D. E. 1987. First report of *Lechea pulchella* (Cistaceae) for Texas. Southwestern Naturalist 32:278-279.

Lemke, D. E. 1987. *Amsonia ludoviciana* (Apocynaceae). In: Chromosome number reports XCVI, A. Love [ed.]. Taxon 36:659.

Lemke, D. E. 1987. Recent collections and a redescription of *Amsonia ludoviciana* (Apocynaceae). Sida 12:343-346.

Lemke, D. E. 1987. Tribal relationships of *Bartholomaea* (Flacourtiaceae). Brittonia 39:436-439.

Lemke, D. E. 1983. Taxonomy of *Neopringlea* (Flacourtiaceae). Systematic Botany 8:430-435.

Lemke, D. E., J. Tonzetich and M. V. Shumeyko. 1979. Resistance to radiation-induced chromosomal rearrangements in *Drosophila simulans*. Drosophila Information Service Bulletin 53:159-161.

Lemke, D. E. and J. Tonzetich. 1978. Observations of inversions in polytene chromosomes using the alkali-urea technique. Drosophila Information Service Bulletin 52:87-88.

Published Photographs

2018 *Salicornia bigelovii*. Page 50 in Weber, J., L. Weber and R. H. Wauer. Native host plants for Texas butterflies. A field guide. Texas A&M University Press.

2007 *Trichocoronis rivularis*. Page 498 in Poole, J. M., W. R. Carr, D. M. Price and J. R. Singhurst. Rare plants of Texas. Texas A&M University Press.

2004 Cover photograph of *Mimosa borealis*, ASM News, vol. 70, no. 2.

2004 Cover photograph of *Cananga odorata*, Aromatherapy Times, vol. 1, no. 61.

Papers Presented at Professional Meetings

Lemke, D. E. 2026. The botanical contributions of S. W. Stanfield. Christmas Moiuntains Research Symposium 2026, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2025. An introduction to the Christmas Mountains – a site for education and research. Christmas Mountains Research Symposium 2025, Terlingua Ranch Lodge, Texas.

Burkholder, J. F. and D. E. Lemke. 2024. The structure of extrafloral nectaries in Cactaceae. Christmas Mountains Research Symposium 2024, Terlingua Ranch Lodge, Texas.

Burkholder, J. F. and D. E. Lemke. 2024. The structure of extrafloral nectaries in Cactaceae. Annual meeting of the Texas Academy of Science, University of Texas Permian Basin, Odessa, Texas.

Lemke, D. E. 2023. An introduction to the Christmas Mountains – a site for education and research. Christmas Mountains Research Symposium 2023, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2023. The botanical contributions of S. W. Stanfield. Annual meeting of the Texas Academy of Science, Angelo State University, San Angelo, Texas.

Lemke, D. E. 2022. An introduction to the Christmas Mountains – a site for education and research. Christmas Mountains Research Symposium 2022, Terlingua Ranch Lodge, Texas.

Burkholder, J. F. and D. E. Lemke. 2022. Comparative anatomy of the photosynthetic stems of *Euphorbia antisyphilitica* (Euphorbiaceae) and *Asclepias subulata* (Apocynaceae). Christmas Mountains Research Symposium 2022, Terlingua Ranch Lodge, Texas.

Conway, S. L. and D. E. Lemke. 2022. Anatomy and morphology of the seed in the Texas species of *Argemone* (Papaveraceae). Christmas Mountains Research Symposium 2022, Terlingua Ranch Lodge, Texas.

Lemke, D. E. and S. L. Conway. 2022. Identification of an interesting petrified log from the Late Cretaceous Olmos Formation of Maverick County, Texas. Christmas Mountains Research Symposium 2022, Terlingua Ranch Lodge, Texas.

Conway, S. L. and D. E. Lemke. 2022. Anatomy and morphology of the seed in the Texas species of *Argemone* (Papaveraceae). Annual meeting of the Texas Academy of Science, University of Houston Clear Lake, Clear Lake, Texas.

Burkholder, J. F. and D. E. Lemke. 2021.Preliminary observations on the structure of extrafloral nectaries in the Cactaceae. Annual meeting of the Texas Academy of Science (held virtually).

Burkholder, J. F. and D. E. Lemke. 2020. Comparative anatomy of the photosynthetic stems of *Euphorbia antisyphilitica* (Euphorbiaceae) and *Asclepias subulata* (Apocynaceae). Annual meeting of the Texas Academy of Science, Stephen F. Austin State University, Nacogdoches, Texas.

Conway, S. L. and D. E. Lemke. 2020. Identification of an interesting petrified log from the Late Cretaceous Olmos Formation of Maverick County, Texas. Annual meeting of the Texas Academy of Science, Stephen F. Austin State University, Nacogdoches, Texas.

Digges, D. K. and D. E. Lemke. 2020. Vegetation survey of the Yegua Knobbs Preserve, Bastrop and Lee Counties, Texas. Annual meeting of the Texas Academy of Science, Stephen F. Austin State University, Nacogdoches, Texas.

Gates, M. T., J. M. Parrott and D. E. Lemke. 2020. First record of a plant-animal interaction from the Late Cretaceous Wayan Formation of eastern Idaho. Annual meeting of the Texas Academy of Science, Stephen F. Austin State University, Nacogdoches, Texas.

Herod, M. and D. E. Lemke. 2020. Comparative anatomy of the submersed and emergent stems and leaves of *Shinnersia rivularis* (Asteraceae: Eupatorieae). Annual meeting of the Texas Academy of Science, Stephen F. Austin State University, Nacogdoches, Texas.

Bernardin, J., T. Guerra, D. Rodriguez, D. Hahn and D. E. Lemke. 2019. Investigations of the mycoflora inhabiting the bark of *Juniperus ashei* (Cupressaceae) in central Texas. Annual meeting of the Botanical Society of America, Tucson, Arizona.

Lemke, D. E. and A. Ibrahim. 2019. Fossil woods of the Aguja Formation on Terlingua Ranch, Brewster County, Texas. Christmas Mountains Research Symposium 2019, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2019. An introduction to the Christmas Mountains: a site for education and research. Christmas Mountains Research Symposium 2019, Terlingua Ranch Lodge, Texas.

Bernardin, J., T. Guerra, D. Rodriguez, D. Hahn and D. E. Lemke. 2019. Investigations of the mycoflora inhabiting the bark of *Juniperus ashei* (Cupressaceae) in central Texas. Christmas Mountains Research Symposium 2019, Terlingua Ranch Lodge, Texas.

Bernardin, J., T. Guerra, D. Rodriguez and D. E. Lemke. 2018. Investigations of the mycoflora inhabiting the bark of *Juniperus ashei* (Cupressaceae) in central Texas. 10th Annual International Research Conference for Graduate Students, Texas State University, San Marcos.

Lemke, D. E. 2018. An introduction to the Christmas Mountains: a site for education and research. Christmas Mountains Research Symposium 2018, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2018. The angiosperm family Lauraceae in Texas. Annual meeting of the Texas Academy of Science, Midland College, Midland, Texas.

Lemke, D. E. 2017. Cretaceous and Paleocene fossil woods of eastern Terlingua Ranch, Brewster County, Texas. Christmas Mountains Research Symposium 2017, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2017. An introduction to the Christmas Mountains: a site for education and research. Christmas Mountains Research Symposium 2017, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2017. Cretaceous and Paleocene fossil woods of eastern Terlingua Ranch, Brewster County, Texas. Annual meeting of the Southwestern Association of Naturalists, Cameron University, Lawton, Oklahoma.

Lemke, D. E. 2017. Cretaceous and Paleocene fossil woods of eastern Terlingua Ranch, Brewster County, Texas. Annual meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, Texas.

Lemke, D. E. 2016. Recent collections and observations of the rare milkweed vine, *Matelea atrostellata* (Apocynaceae). Christmas Mountains Research Symposium 2016, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2016. An introduction to the Christmas Mountains: a site for education and research. Christmas Mountains Research Symposium 2016, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2016. Recent collections and observations of the rare milkweed vine, *Matelea atrostellata* (Apocynaceae). Annual meeting of the Texas Academy of Science, Texas Tech University Center, Junction.

Lemke, D. E. 2015. Upper Cretaceous conifers of Terlingua Ranch, Brewster County, Texas. Christmas Mountains Research Symposium 2015, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2015. An introduction to the Christmas Mountains: a site for education and research. Christmas Mountains Research Symposium 2015, Terlingua Ranch Lodge, Texas.

Lemke, D. E. and A. Ibrahim. 2015. The fossil woods of Terlingua Ranch, Brewster County, Texas. Annual meeting of the Southwestern Association of Naturalists, San Diego State University.

Lemke, D. E. and A. Ibrahim. 2015. Upper Cretaceous conifers of Terlingua Ranch, Brewster County, Texas. Annual meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio.

Lemke, D. E. 2014. The fossil woods of Terlingua Ranch. Christmas Mountains Research Symposium 2014, Terlingua Ranch Lodge, Texas.

Lemke, D. E. 2014. An introduction to the Christmas Mountains. Christmas Mountains Research Symposium 2014, Terlingua Ranch Lodge, Texas.

Lemke, D. E., A. Ibrahim and M. Donahue. 2014. Fossil woods of Terlingua Ranch, Brewster County, Texas. Annual meeting of the Texas Academy of Science, Texas A&M University at Galveston, Galveston, Texas.

Lemke, D. E. and M. Donahue. 2013. An introduction to the vegetation of the Christmas Mountains. Christmas Mountains Research Symposium 2013, Terlingua Ranch Lodge, Texas.

Lemke, D. E. and M. Donahue. 2013. Vegetation of the Christmas Mountains, Brewster County, Texas: an overview. Annual meeting of the Southwestern Association of Naturalists, McNeese State University, Lake Charles, Louisiana.

Lemke, D. E. and M. Donahue. 2013. Vegetation of the Christmas Mountains, Brewster County, Texas: an overview. Annual meeting of the Texas Academy of Science, Schreiner University, Kerrville, Texas.

Souss, J. and D. E. Lemke. 2012. Floral scent production in the carrion flower genus *Stapelia* (Apocynaceae). Annual meeting of the Texas Academy of Science, Sul Ross State University, Alpine, Texas.

Souss, J. and D. E. Lemke. 2011. Foliar scent production in *Matelea reticulata* and *Matelea edwardsensis* (Apocynaceae). Annual meeting of the Southwestern Association of Nauralists, University of Texas at Tyler, Tyler, Texas.

Lemke, D. E. 2011. Morphology and anatomy of emergent and submersed stems and leaves of three aquatic Acanthaceae: *Justicia americana*, *Hygrophila polysperma* and *Nomaphila stricta*. Annual meeting of the Texas Academy of Science, St. Edward's University, Austin, Texas.

Souss, J. and D. E. Lemke. 2011. Foliar scent production in *Matelea reticulata* and *Matelea edwardsensis* (Apocynaceae). Annual meeting of the Texas Academy of Science, St. Edward's University, Austin, Texas.

Kajoina, F. and D. E. Lemke. 2010. Comparative anatomy and morphology of the stem in the carrion flowers (Apocynaceae–Asclepiadoideae). Annual meeting of the Texas Academy of Science, Tarleton State University, Stephenville, Texas.

Lemke, D. E. and G. Russell. 2010. Scent production in the carrion flowers (Apocynaceae–Asclepiadoideae). Annual meeting of the Texas Academy of Science, Tarleton State University, Stephenville, Texas.

Lemke, D. E. and K. A. Angerstein. 2009. Localization of osmophores in the flowers of stapeliads (Apocynaceae, Asclepiadoideae). Annual meeting of the Texas Academy of Science, Texas Tech University Center, Junction.

Lemke, D. E. and K. A. Angerstein. 2008. Distribution of osmophores in the carrion flowers (Apocynaceae, Asclepiadoideae). Annual meeting of the Texas Academy of Science, Texas A&M University, Corpus Christi.

Miller, S. A. and D. E. Lemke. 2008. Determining the relationship between *Cyanospora albicedrae* (Ascomycota: Stictidaceae) and *Juniperus ashei* (Magnoliophyta: Cupressaceae). Annual meeting of the Texas Academy of Science, Texas A&M University, Corpus Christi.

Aplaca, J. and D. E. Lemke. 2007. The non-native flora of Texas. Annual meeting of the Southwestern Association of Naturalists, Tarleton State University, Stephenville.

Lemke, D. E. and D. J. Rosen. 2007. The systematic and phylogenetic potential of culm anatomy in *Eleocharis* subgenus *Limnochloa* (Cyperaceae). Annual meeting of the Texas Academy of Science, Baylor University, Waco

Russell, M. M. and D. E. Lemke. 2006. Changes in vegetation composition in constructed wetponds in central Texas. Annual meeting of the Texas Academy of Science, Lamar University, Beaumont.

Block, T. and D. E. Lemke. 2006. Spine development in African stapeliads. Annual meeting of the Texas Academy of Science, Lamar University, Beaumont.

Lemke, D. E. and K. A. Angerstein. 2005. Systematic anatomy of the leafy stapeliad, *Caralluma frerei* (Apocynaceae, Asclepiadoideae). Annual meeting of the Texas Academy of Science, University of Texas Rio Grande Valley, Edinburg.

Wakefield, A. and D. E. Lemke. 2005. Megastrobilus development in *Juniperus ashei* (Coniferophyta, Cupressaceae). Annual meeting of the Southwestern Association of Naturalists, Sam Houston State University, Huntsville.

Hagenbuch, K. and D. E. Lemke. 2004. A vegetative key to the grasses (Poaceae) of the Balcones Canyonlands of Texas. Annual meeting of the Texas Academy of Science, Schreiner University, Kerrville.

Barnes, P., M. Huston and D. E. Lemke, 2004. Texas versus Tennessee: comparing patterns of exotic plant invasions. Annual meeting of the Southwestern Association of Naturalists, University of Texas, San Antonio.

Hagenbuch, K. and D. E. Lemke. 2004. Vegetative identification of Texas Hill Country grasses. Annual meeting of the Southwestern Association of Naturalists, University of Texas, San Antonio.

Lemke, D. E. and P. W. Barnes. 2003. A half-century of Southwestern botany: past accomplishments and future prospects. Annual meeting of the Southwestern Association of Naturalists, University of Oklahoma, Norman.

Wakefield, A. and D. E. Lemke. 2002. Strobilus development in *Juniperus ashei* (Coniferophyta: Cupressaceae). Annual meeting of the Texas Academy of Science, Texas A&M International University, Laredo.

Malone, D., D. E. Lemke and J. P. Sirotnak. 2002. Baseline studies of invasive African buffelgrass (*Cenchrus ciliaris*, Poaceae) in Big Bend National Park. Annual meeting of the Texas Academy of Science, Texas A&M International University, Laredo.

Lemke, D. E. 2001. Invasive aquatic weeds in Texas rivers. Annual meeting of the Texas River Monitors, Aquarena Center, San Marcos, Texas.

Lemke, D. E. 2001. The non-native flora of Texas. Annual meeting of the Texas Society for Ecological Restoration, Kerrville, Texas.

Marr, M. and D. E. Lemke. 2000. Annual meeting of the Texas Academy of Science, Texas A&M University, Kingsville.

Hagenbuch, K. W. and D. E. Lemke. 2000. The vegetation of Devils Sinkhole State Natural Area, Edwards County, Texas. Annual meeting of the Texas Academy of Science, Texas A&M University, Kingsville.

Lemke, D. E., M. Marr and B. W. Banks. 2000. Weeds: Adventive and introduced plants in Texas. Annual meeting of the Texas Academy of Science, Texas A&M University, Kingsville.

Lemke, D. E. and M. M. Russell. 1999. Effect of the October 1998 flood on the aquatic macrophyte community of the upper San Marcos River. Annual meeting of the Texas Academy of Science, Texas Lutheran University.

Marr, M. and D. E. Lemke. 1999. Effects of submergence on the morphology and anatomy of *Bacopa monnieri* (Scrophulariaceae). Annual meeting of the Texas Academy of Science, Texas Lutheran University.

Hagenbuch, K. W. and D. E. Lemke. 1999. First record of the genus *Cryptocoryne* (Araceae) from Texas. Annual meeting of the Texas Academy of Science, Texas Lutheran University.

Wakefield, A. and D. E. Lemke. 1999. Morphology and anatomy of the Texas species of *Marsilea* (Pteridophyta: Marsileaceae). Annual meeting of the Texas Academy of Science, Texas Lutheran University.

McHenry, D. J. and D. E. Lemke. 1999. Morphology and anatomy of the vegetative organs of *Justicia americana* (Acanthaceae). Annual meeting of the Texas Academy of Science, Texas Lutheran University.

Lemke, D. E. and K. A. Angerstein. 1998. Aquatic macrophyte communities of the upper San Marcos River, Hays County, Texas. Annual meeting of the Texas Academy of Science, University of Texas, Tyler.

Lemke, D. E., D. W. Olson, M. S. Olson, R. L. Doescher, and L. L. Lambert. 1998. Piñon pines and the route of Cabeza de Vaca. Annual meeting of the Texas Academy of Science, University of Texas, Tyler.

Rueckle, T. N. and D. E. Lemke. 1997. A systematic survey of foliar trichome morphology in Flacourtiaceae. Annual meeting of the Texas Academy of Science, Sam Houston State University, Huntsville.

Lemke, D. E., D. W. Olson, M. S. Olson, R. L. Doescher, and L. L. Lambert. 1997. Piñon pines and the route of Cabeza de Vaca. Annual meeting of the Southwestern Association of Naturalists, University of Arkansas, Fayetteville.

Lemke, D. E. and M. B. Angerstein. 1996. Aquatic macrophytes of the upper San Marcos River, Hays Co., Texas. Annual meeting of the Texas Academy of Science, Texas A&M University, Galveston.

Jacques, B. R. and D. E. Lemke. 1996. Occurrence of vesicular-arbuscular mycorrhizae in aquatic macrophytes of the upper San Marcos River, Hays Co., Texas. Annual meeting of the Texas Academy of Science, Texas A&M University, Galveston.

Roberts, R. P. and D. E. Lemke. 1996. The Euphorbiaceae of Texas. Annual meeting of the Texas Academy of Science, Texas A&M University, Galveston.

Lemke, D. E. and M. B. Angerstein. 1996. Aquatic macrophytes of the upper San Marcos River, Hays Co., Texas. Annual meeting of the Southwestern Association of Naturalists, University of Texas Rio Grande Valley.

Jacques, B. R. and D. E. Lemke. 1996. Occurrence of vescicular-arbuscular mycorrhizae in aquatic macrophytes of the upper San Marcos River, Hays Co., Texas. Annual meeting of the Southwestern Association of Naturalists, University of Texas Rio Grande Valley.

Roberts, R. P. and D. E. Lemke. 1996. The Euphorbiaceae of Texas. Annual meeting of the Southwestern Association of Naturalists, University of Texas Rio Grande Valley.

Angerstein, K. A. and D. E. Lemke. 1995. The vegetation of Kickapoo Cavern State Natural Area, Kinney and Edwards Counties, Texas. Annual meeting of the Texas Academy of Science, Baylor University.

Angerstein, M. B. and D. E. Lemke. 1995. First records of the aquatic weed *Hygrophila polysperma* (Acanthaceae) from Texas. Annual meeting of the Texas Academy of Science, Baylor University.

Roberts, R. P. and D. E. Lemke. 1995. Geographic relationships of the vascular flora of Grenada. Annual meeting of the Texas Academy of Science, Baylor University.

Sanchez, L. L. and D. E. Lemke. 1995. Vegetation of Hill Country State Natural Area, Bandera and Medina Counties, Texas. Annual meeting of the Southwestern Association of Naturalists, Centenary College of Louisiana, Shreveport.

Lemke, D. E. 1995. The pteridophyte flora of Texas. Annual meeting of the Southwestern Association of Naturalists, Centenary College of Louisiana, Shreveport.

Ahmad, L. K. and D. E. Lemke. 1994. Woody plant communities of Guadalupe River State Park, Comal and Kendall counties, Texas. Annual meeting of the Texas Academy of Science, Texas Southern University, Houston.

Angerstein, K. A., L. L. Lackey and D. E. Lemke. 1994. The genus *Myriophyllum* (Haloragaceae) in Texas. Annual meeting of the Texas Academy of Science, Texas Southern University, Houston.

Lackey, L. L. and D. E. Lemke. 1994. Vegetation of Hill Country State Natural Area, Bandera and Medina Counties, Texas. Annual meeting of the Texas Academy of Science, Texas Southern University, Houston.

Lemke, D. E. 1994. The pteridophyte flora of Texas. Annual meeting of the Texas Academy of Science, Texas Southern University.

Lemke, D. E. and K. A. Angerstein. 1994. Anatomy and architecture of the leaf in Flacourtiaceae: tribes Homalieae, Prockieae and Scolopieae. Annual meeting of the American Society of Plant Taxonomists, Knoxville, Tennessee.

Lemke, D. E. 1993. *Euphorbia* and *Chamaesyce* (Euphorbiaceae) in Texas. Annual meeting of the Texas Academy of Science, University of North Texas, Denton.

Ahmad, L. K. and D. E. Lemke. 1993. Woody plant communities of Guadalupe River State Park, Comal and Kendall counties, Texas. Annual meeting of the Southwestern Association of Naturalists, Missouri State University, Springfield.

Lemke, D. E. 1993. Structure and systematic significance of the extrafloral nectaries of M*elia azedarach* and *Azadirachta indica* (Meliaceae). Annual meeting of the American Society of Plant Taxonomists, Iowa State University, Ames.

Lemke, D. E. 1992. Taxonomy of *Solanum* (Solanaceae) in Texas. Annual meeting of the Texas Academy of Science, Midwestern State University, Wichita Falls, Texas.

Angerstein, K. A. and D. E. Lemke. 1992. Anatomy and architecture of the leaf in Lacistemaceae. Annual meeting of the Texas Academy of Science, Midwestern State University, Wichita Falls, Texas.

Lemke, D. E. 1992. Taxonomy of *Solanum* (Solanaceae) in Texas. Annual meeting of the Southwestern Association of Naturalists, Texas Tech University Center, Junction, Texas.

Angerstein, K. A. and D. E. Lemke. 1992. Systematic anatomy of the leaf in Lacistemaceae. Annual meeting of the Southwestern Association of Naturalists, Texas Tech University Center, Junction, Texas.

Lemke, D. E. and K. A. Angerstein. 1992. Systematic anatomy and architecture of the leaf in Lacistemaceae. Annual meeting of the American Society of Plant Taxonomists, Honolulu, Hawaii.

Jones, S. L. and D. E. Lemke. 1991. The extrafloral nectaries of *Melia azedarach* (Meliaceae). Annual meeting of the Texas Academy of Science, Stephen F. Austin State University.

Benn, S. J. and D. E. Lemke. 1991. Taxonomy of Neotessmannieae (Tiliaceae). Annual meeting of the Texas Academy of Science, Stephen F. Austin State University.

Jones, S. L. and D. E. Lemke. 1991. The extrafloral nectaries of *Melia azedarach* (Meliaceae). Annual meeting of the Southwestern Association of Naturalists, University of Texas at El Paso.

Benn, S. J. and D. E. Lemke. 1991. Taxonomy of Neotessmannieae (Tiliaceae). Annual meeting of the Southwestern Association of Naturalists, University of Texas at El Paso.

Benn, S. J. and D. E. Lemke. 1991. Taxonomy of Neotessmannieae (Tiliaceae). Annual meeting of the American Society of Plant Taxonomists, San Antonio, Texas.

Lemke, D. E., G. Norton, J. Horbacewski, and M. K. Oakley. 1990. Natural revegetation of abandoned strip-mined lands in east-central Texas. Annual meeting of the Texas Academy of Science, Texas State University, San Marcos.

Oakley, M. K. and D. E. Lemke. 1990. Endomycorrhizal inoculum potential of unreclaimed strip-mined lands. Annual meeting of the Texas Academy of Science, Texas State University, San Marcos.

Williamson, P. S., E. L. Schneider, and D. E. Lemke. 1990. Ecological anatomy of *Nuphar luteum* leaves. Annual meeting of the Texas Society for Electron Microscopy, Kerrville.

Oakley, M. K., D. E. Lemke, and R. D. Koehn. 1990. Endomycorrhizal inoculum potential of surface mined lands: A bioassay of different aged sites. Annual meeting of the Southwestern Association of Naturalists, University of North Texas.

Oakley, M. K., D. E. Lemke, and R. D. Koehn. 1990. Endomycorrhizal inoculum potential of surface mined lands: A bioassay of different aged sites. Annual meeting of the Botanical Society of America, Richmond Center, Virginia.

Williamson, P. S., E. L. Schneider, and D. E. Lemke. 1990. Morphoplasticity in the leaves of *Nuphar luteum* (Nymphaeaceae). Annual meeting of the Botanical Society of America, Richmond Center, Virginia.

Lemke, D. E. 1989. Occurrence of the blue mold fungus (*Peronospora tabacina*) on wild tobacco species in South Texas. Annual meeting of the Texas Academy of Science, Lamar University.

Labus, Z. and D. E. Lemke. 1989. The vegetation of Seminole Canyon State Park. Annual meeting of the Texas Academy of Science, Lamar University.

Lyday, G. M. and D. E. Lemke. 1989. Vegetation as an indicator of geological formations in central Texas. Annual meeting of the Texas Academy of Science, Lamar University.

Labus, Z. and D. E. Lemke. 1989. The vegetation of Seminole Canyon State Park, Val Verde Co., Texas. Annual meeting of the Southwestern Association of Naturalists, Arkansas State University, Jonesboro.

Lyday, G. M. and D. E. Lemke. 1989. Vegetation as an indicator of geological formations in central Texas. Annual meeting of the Southwestern Association of Naturalists, Arkansas State University, Jonesboro.

Lemke, D. E. 1989. A systematic survey of trichome morphology in Flacourtiaceae. Annual meeting of the American Society of Plant Taxonomists, University of Toronto.

Lyday, G. M. and D. E. Lemke. 1988. Woody plant communities of the Edwards, Walnut, and Glen Rose formations in Hays Co., Texas. Annual meeting of the Texas Academy of Sciences, Texas A&M University, Commerce.

Lemke, D. E. 1988. *Brassica* and *Rapistrum* (Brassicaceae) in Texas. Annual meeting of the South-western Association of Naturalists, Angelo State University.

Lemke, D. E. 1988. Systematic relationships of *Muntingia* (genus incertae sedis). Annual meeting of the Southwestern Association of Naturalists, Angelo State University.

Lemke, D. E. 1988. Systematic position of *Muntingia*—the rest of the story. Annual meeting of the American Society of Plant Taxonomists, University of California, Davis.

Lemke, D. E. 1987. Distribution of *Nicotiana repanda* (Solanaceae) in Texas and its infection by *Peronospora tabacina*. Annual meeting of the Southwestern Association of Naturalists, Texas State University, San Marcos.

Lemke, D. E. 1987. Systematic anatomy of the leaf in Flacourtiaceae: Tribe Homalieae. Annual meeting of the American Society of Plant Taxonomists, Ohio State University, Columbus.

Lemke, D. E. 1986. Floral morphology and relationships of *Bartholomaea* (Flacourtiaceae). Annual meeting of the American Society of Plant Taxonomists, University of Massachusetts, Amherst.

Lemke, D. E. 1985. A preliminary generic revision of Flacourtiaceae. Annual meeting of the American Society of Plant Taxonomists, University of Florida, Gainesville.

Lemke, D. E. 1984. Taxonomic anatomy of *Muntingia calabura* (genus incertae sedis). Annual meeting of the American Society of Plant Taxonomists, Colorado State University, Fort Collins.

Lemke, D. E. 1983. Lignified trichomes as taxonomic characters. Annual meeting of the American Society of Plant Taxonomists, University of North Dakota, Grand Forks.

Lemke, D. E. 1983. Tribal redefinitions in Flacourtiaceae. Annual meeting of the American Society of Plant Taxonomists, University of North Dakota, Grand Forks.

Lemke, D. E. 1982. On the systematic position of the genus *Neopringlea*. Annual meeting of the American Society of Plant Taxonomists, Pennsylvania State University, State College.

Invited Talks, Lectures, Presentations

2025 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2024 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2023 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2022 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2020 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2019 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2018 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2017 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2016 Lost Pines Master Naturalist Program, Bastrop, "An introduction to the natural regions of Texas."

2015 Native Plant Society of Texas 2015 Symposium, Austin, "Physiography of the landscape and the distribution of plant communities in central Texas."

2012 Texas State University, Department of Biology, "Introduction to the Christmas Mountains – a site for education and research."

2012 Hays County Master Naturalists, Dripping Springs, "The non-native flora of Texas."

2010 Native Plant Society of Texas, Guadalupe County Chapter, "Introduction to the non-native flora of Texas."

1999 Native Plant Society of Texas, San Marcos Chapter, "Introduction to the aquatic plants of the upper San Marcos River."

1997 Texas Aquatic Plant Management Society, Austin, "Aquatic macrophytes of the upper San Marcos River."

1992 Texas State University, Department of Biology, "Epidemiology of tobacco blue mold disease: the Texas connection."

1990 Texas Aquatic Plant Management Society Annual Meeting, Austin, "Overview of the biology of aquatic macrophytes in Texas."

1990 University of Texas at Austin, Department of Botany, "Epidemiology of tobacco blue mold disease: the Texas connection."

1986 Fairchild Tropical Garden, Coral Gables, Florida, "A preliminary generic revision of Flacourtiaceae."

1983 Fairchild Tropical Garden, Miami, Florida, "Systematic anatomy of neotropical Flacourtiaceae."

1981 University of Texas at Austin, Department of Botany, "Systematic anatomy of the genus *Neopringlea*."

1980 Louisiana State University, Department of Botany, "Morphology and anatomy of the genus *Neopringlea*."

Grants and Contracts

Funded External Grants and Contracts:

2026 Texas State University System, Support for 2026 Christmas Mountains Research Symposium, $2,700.00
2025 Texas State University System, Support for 2025 Christmas Mountains Research Symposium, $5,000.00
2024 Texas State University System, Support for 2024 Christmas Mountains Research Symposium, $5,000.00
2023 Texas State University System, Support for 2023 Christmas Mountains Research Symposium, $5,000.00
2022 Texas State University System, Support for 2022 Christmas Mountains Research Symposium, $5,000.00
2013 EcoLab Program (with M. Forstner and D. Hahn), Vertebrates and vegetation along historic riparian corridors of Lone Man Creek, Hays County, Texas, $70,000.00
2011 U.S. Department of Education, Enhancement of Department of Biology research greenhouses, $41,500.00
2002 National Park Service, Soil seed bank study at Big Bend National Park, $4,500.00
2001 National Park Service, Baseline studies of invasive African buffelgrass (*Cenchrus ciliaris*) in Big Bend National Park, $18,000.00
1999 Texas Higher Education Coordinating Board (with H. Wilson et al.), The digital flora of Texas project, $362,000.00
1995 U.S. Fish and Wildlife Service, Mapping of aquatic macrophytes in the San Marcos and Comal rivers, $13,155.00
1994 Texas Parks and Wildlife Department, Baseline vegetation studies at Colorado Bend State Park, San Saba County, Texas, $4,000.00
1994 Texas Parks and Wildlife Department, Baseline vegetation studies at Kickapoo Cavern and Devil's Sinkhole State Natural Areas, Kinney and Edwards counties, Texas $9,500.00
1993 Texas Parks and Wildlife Department, Baseline vegetation studies at Kickapoo Cavern State Natural Area, Kinney County, Texas $5,000.00
1989 North Carolina Agricultural Research Service, Occurrence of the blue mold fungus (*Peronospora tabacina*) on wild tobacco species in South Texas, $8,386.00
1989 Texas Nature Conservancy, Vegetation survey of the Clymer Meadow Preserve, $820.00
1988 North Carolina Agricultural Research Service, Occurrence of the blue mold fungus (*Peronospora tabacina*) on wild tobacco species in South Texas, $8,056.00
1987 North Carolina Agricultural Research Service, Occurrence of the blue mold fungus (*Peronospora tabacina*) on wild tobacco species in South Texas, $7,112.00

Funded Internal Grants and Contracts:

2019 Library Online Resource Grant, $9,328.00
2018 Library Research Grant, $1,067.00
2011 Library Research Grant, $825.00
2008 Library Research Grant, $2,935.00
1997 Research Enhancement Award, $7,978.00
1989 Research Enhancement Award, $3,666.00

1988 Library Research Grant, $515.00
1987 Research Enhancement Award, $3,800.00
1987 Library Research Grant, $438.00
1986 Research Enhancement Award, $3,150.00
1986 Library Research Grant, $232.00
1985 Research Enhancement Award, $4,500.00
1985 Library Research Grant, $737.00
1984 Library Research Grant, $685.00

Fellowships, Awards, Honors:

1994 Texas Organization for Endangered Species Service Award
1990 Elected Fellow, Texas Academy of Science
1975 National Institutes of Health Genetics Training Grant Fellow, University of Texas at Austin

SERVICE

System:

2023–present Member, Regents' Teacher Award Selection Advisory Committee
2022–present Member, Texas State University System Christmas Mountains Field Station Advisory Committee

University:

2023–present Member, Campus Master Plan Landscape Focus Group
2023–present Chair, Retirement and Benefits Program Committee
2023–present Member, Graduate College Master's Exit Survey Advisory Board
2022–2025 Member, Piper Professor Selection Committee
2020–2023 Member, Retirement and Benefits Program Committee
2020–2021 Graduate Council Graduate Advisor Policy Subcommittee
2020–2021 Graduate Council Alternative Thesis/Dissertation Format Subcommittee
2015–2018 Member, Environment and Sustainability Committee
2012–present Member, Campus Tree Advisory Committee
2006–present Member, Graduate Council
2009–2015 Chair, Facilities and Environment Committee
2005–2018 Facilities Planning Committee member
2004–2006 Chair, Facilities and Environment Committee
2005 Member, Commencement Speaker Committee

Departmental:

2025 Chair, Faculty of Instruction Search Committee
2022 Member, Administrative Assistant Search Committee
2018–2019 Chair, Aquatic Plant Ecologist Search Committee
2015–present Chair, Vehicle Use Committee
2015–present Faculty Advisor, Wildlife Society Plant Identification Team

2012–2019	Member, Awards Day Committee
2010–2018	Faculty Advisor, Bobcat Botany Club
2006–present	Associate Chair for Graduate Programs, Department of Biology
2006–present	Graduate Advisor, Department of Biology
2006–present	Member, Department Seminar Committee
2006	Chair, Plant Biologist Search Committee
2005	Chair, Academic Program Review Committee
2004–present	Chair, W. K. Davis Award Committee
2004–present	Chair, Strandtmann Field Biology Award Committee
2004–2012	Chair, Awards Day Committee
2001–2011	Chair, Tenure and Promotion Tracking Committee
1998–present	Department Library Representative
1994–present	Curator, Texas State University Herbarium
1990–1991	Chair, Plant Ecologist Search Committee
1990–1991	Chair, Plant Morphologist Search Committee

Professional:

2023–2024	Chair, Plant Biology Section, Texas Academy of Science
2022–2023	Vice-Chair, Plant Biology Section, Texas Academy of Science
2021–2022	NSF Reviewer
2020	Reviewer, *Brittonia*, *Texas Journal of Science*, *Journal of the Botanical Research Institute of Texas*
2019–present	Manuscript Editor, Texas Journal of Science
2018–present	Member, Board of Directors, Texas Academy of Science
2018–2021	Academic Director, Board of Directors, Texas Academy of Science
2018–2019	NSF Reviewer
2018	Reviewer, *Flora–Morphology, Distribution, Functional Ecology of Plants*
2017–2018	NSF Reviewer
2015–2016	NSF Reviewer
2013–present	Program Organizer, Christmas Mountains Research Symposium
2011–2018	Scientific Advisor, Mesquite Creek Wildlife Habitat Area
2010–2025	Steering Committee member, TORCH (Texas-Oklahoma Regional Consortium of Herbaria)
2009–2010	Chair, Botany section, Texas Academy of Science
2008–2009	Vice-Chair, Botany Section, Texas Academy of Science
2008–2010	Reviewer, *Systematic Botany*
2008–2010	Reviewer, *Annals of the Missouri Botanical Garden*
2004–2015	Reviewer, *Journal of the Botanical Research Institute of Texas*
2002–present	Regional reviewer, *Flora of North America*
1996–1999	Associate Editor for Plant Taxonomy, *Southwestern Naturalist*
1991–1992	Chair, Botany section, Texas Academy of Science
1990–1991	Vice-Chair, Botany Section, Texas Academy of Science
1988–1994	Editor, Texas Organization for Endangered Species newsletter

Organizations

Honorary:

Phi Sigma Biological Honor Society

Professional:

American Society of Plant Taxonomists
Botanical Society of America
Cactus and Succulent Society of America
International Association of Plant Taxonomists
National Association of Biology Teachers
Southwestern Association of Naturalists
Texas Academy of Science