TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Paula S. Williamson Title: University Distinguished Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Dissertation*
Ph.D.	1988	University of California, Santa Barbara	Biological Sciences	Floral anatomy and development of *Ondinea purpurea* (Nymphaeaceae)
M.A.	1985	University of California, Santa Barbara	Biological Sciences	
B.S.	1981	Southwest Texas State University	Biology	

C. University Experience

Position	*University*	*Dates*
Associate Dean for Research	Texas State University	2018-2025
University Distinguished Professor	Texas State University	2012-
Associate Dean of the Graduate College	Texas State University	2005-2014
Graduate Advisor, Sustainability Studies	Texas State University	2010-2012
Associate Chair, Dept. of Biology	Texas State University	2004-2005
Graduate Advisor, Dept. of Biology	Texas State University	2004-2005
Professor, Dept. of Biology	Texas State University	1998-2012
Associate Professor, Dept. of Biology	Texas State University	1994-1998
Assistant Professor, Dept. of Biology	Texas State University	1988-1994
Instructor, Dept. of Biological Sciences	University of California, Santa Barbara	1988
Post-Graduate Associate, Bio. Sciences	University of California, Santa Barbara	1987-1988
Teaching/Research Assistant, Bio. Sciences	University of California, Santa Barbara	1981-1987
Instructional/Research Assistant, Biology	Southwest Texas State University	1978-1981

II. TEACHING

A. Teaching Honors and Awards:

Teaching Award of Honor. Texas State Alumni Association, 2020
Conference of Southern Graduate Schools Achievement Award for Outstanding contributions to graduate education in the southern region, ($1,000), 2017
Texas State Excellence in Diversity Nominee, 2010, 2011
College of Science Finalist for the Mariel Muir Excellence in Mentoring Award, 2000
College of Science Faculty Award for "Efforts to Improve Student Engagement", ($2,000), 1999
SWT Science/Math/Technology Education Institute Certificate for Service as a Summer Scientist/Mentor, and for Efforts to Improve Secondary Education in Science, 1998, 1999, 2000, 2001, 2002
School of Science Faculty Award for the "Wetlands Project" and "SEEDS Program", ($1,500), 1998
School of Science Faculty Award for the "Wetlands Project", ($2,400), 1997
Southwest Texas State University Presidential Award for Excellence in Teaching, ($1,000), 1994
Beta Beta Beta Biological Honor Society, Kappa Zeta Chapter Teaching Award, 1993
Alpha Chi National Honor Society, Alfred Nolle Chapter Favorite Professor, 1992, 1993, 1994

B. Courses Taught:

Texas State University:

<u>Undergraduate Courses</u>

BIO 1310 - Principles of Biology
BIO 1410 - Botany
BIO 1431 - Organismal Biology
BIO 1421 - Modern Biology II
BIO 2410 - Intermediate General Botany
BIO 3406 - Economic Botany
BIO 3465 - Plant Physiology
BIO 4299 - Directed Research
US 1100 - University Seminar

<u>Graduate Courses</u>

BIO 5100 - Professional Development
BIO 5110E - Ecology Seminar
BIO 5114, BIO 5214 - Collaborative Master's Research Experience
BIO 5295 - Fundamentals of Research
BIO 5318 - Topics in Botany
BIO 5319 - Topics in Ecology
BIO 5347 - Conservation Biology
BIO 5390 - Problems in the Biological Sciences
BIO 5399A, BIO 5399B - Thesis
BIO 7100 - Professional Development
BIO 7114, BIO 7214 - Collaborative Doctoral Research Experience
BIO 7303 - Doctoral Research
BIO 7399A - Dissertation

C. Directed Student Learning:

<u>Dissertation Advisor and Committee Chair</u>

Joan Parrott – Ph.D., 2019. Fossil angiosperm woods from the Jose Creek member of the McRae Formation.

Florence M. Oxley – Ph.D., 2013. Invasive potential of the aquatic macrophyte *Cryptocoryne beckettii*.

Thesis Advisor and Committee Chair

Kathryn M. Parsley – M.S., 2017. Measuring the effectiveness of invasive species education curricula on student knowledge of and attitudes toward invasive species.
Stefanie Ferrazzano – M.S., 2012. Testing the effects of mycorrhizal fungi on growth and development of *Abronia macrocarpa*.
Sandy Birnbaum – M.S., 2009. Testing population introduction of *Astrophytum asterias*.
Jacqueline J. Goodson – M.S., 2007. Testing population introduction of *Abronia macrocarpa*.
Andy W. Blair – M.S., 2007. Pollinator effectiveness, pollinator importance, and pollen dispersal in star cactus (*Astrophytum asterias*).
Carolyn G. Meredith – M.S., 2006. Recovery of *Abronia macrocarpa* following population disturbance.
Cyndee Baker – M.S., 2006. Estimating the probability of detecting Golden-cheeked warblers (*Dendroica chrysoparia*) using presence-absence surveys. (Co-advisor with F. Weckerly)
Eric Atkins – M.S., 2006. A comparison of eradication techniques for a nonindigenous emergent plant species (*Colocasia esculenta*).
Anna W. Strong – M.S., 2005. Reproductive biology of *Astrophytum asterias* (Cactaceae).
Carrie K. Preite – M.S., 2002. Algal species composition on turtle carapaces in Spring Lake, Hays County, San Marcos, Texas.
Marsha M. Reimer – M.S., 2002. Baseline survey and checklist of birds at Spring Lake and surrounding vicinity, San Marcos, Hays County, Texas. (Co-advisor with D. Huffman)
Darren P. Dodson – M.S., 2001. The effects of disturbance on *Thymophylla tephroleuca*, ashy dogweed (Asteraceae).
Patti L. Herzik – M.S., 1998. The seed biology of *Frankenia johnstonii* (Frankeniaceae).
Selvi K. Bazeer – M.S., 1996. Self-incompatibility in *Abronia macrocarpa*, large-fruited sand verbena (Nyctaginaceae).
Karen L. Couch – M.S., 1996. Seedling recruitment and plant recolonization of a disturbed population of *Abronia macrocarpa* (Nyctaginaceae).
Lisa Muliani – M.S., 1994. Breeding system and reproductive capacity of *Abronia macrocarpa*, large-fruited sand verbena (Nyctaginaceae).
Gena K. Hamilton – M.S., 1991. Reproductive biology and leaf structure of *Abronia macrocarpa* (Nyctaginaceae), an endangered Texas endemic.

Dissertation Committee Member

Ryan Spencer – Ph.D., in progress. Impacts of place-based pedagogy and environmental mindfulness at an informal science institution.
Jenn Idema – Ph.D., 2021. Exploring the impacts of socioscientific environmental issues through aquarium exhibits.
Zachary L. Nolen – Ph.D., 2019. A consideration into ways biology-based student organizations facilitate participation in STEM.
Michelle Crawford – Ph.D., 2018. An evaluation of the threshold for the vegetative growth of Texas Wild rice (*Zizania texana*) involving a reduction in photosynthetically active radiation (PAR) and a range of velocities.
Heidi L. N. Moltz – Ph.D., 2009. Identification of critical non-point source pollution areas and integrated evaluation of land management practices in the Rio Grande Basin.
Mamta Singh – Ph.D., 2009. Entry-level biology major's program evaluation.

External Ph.D. Thesis Examiner

Noushka Hedy Reiter – Ph.D., 2009. *Borya mirabilis* steps in the recovery of a critically endangered Australian plant. Department of Biotechnology and Environmental Biology, RMIT University, Melbourne, Victoria, AUSTRALIA.

Thesis Committee Member

June Shaukat – M.S., in progress. An experimental approach to the life history of *Physaria pallida* & the factors restricting its distribution.

Christopher Riggins – M.S., 2025. Assessing the impacts of drought, recreation, and restoration efforts on submerged aquatic vegetation and Texas wild-rice (*Zizania texana*) in the upper San Marcos River.

Hannah Baratang – M.S., 2024. Drawing as a generative learning activity: A case study on a nature journaling seminar course.

Rachel Brown – M.S., 2024. Determination and comparison of dietary sources of the Endangered Houston toad (*Bufo houstonensis*), with the sympatric, Gulf Coast toad (*Bufo nebulifer*), in Lost Pines ecoregion.

Jenna DeMent– M.S., 2024. *Arundo donax* (giant reed).

Carolyn Jess – M.S., 2024. Drawing as a generative learning activity: An exploratory, qualitative investigation on a nature journaling seminar course.

Jackson Burkholder– M.S., 2024. The comparative anatomy of extrafloral nectaries in the cactus family (Cactaceae).

Brianna Fogel – M.S., 2023. Using ecological niche modeling to predict distributions and examine the potential effects of climate change and invasive species on two endangered plant species, *Leavenworthia texana* and *Physaria pallida*.

Miranda Wait – M.S., 2023. Connecting interest in and awareness of the environment with an informal experience.

Rachel Seets – M.S., 2022. A look into best practices and impact of an outdoor science inquiry with elementary students.

Marquise Gates – M.S., 2022. The family Malvaceae (sensu stricto) in Texas.

Shelby Conway – M.S., 2022. Anatomy and morphology of the seed coat in the Texas species of *Argemone*.

Myra McConnell – M.S., 2021. An in-depth investigation into a faculty's development of an active learning course.

Diana Digges – M.S., 2019. Vegetation survey of the Yegua Knobbs Preserve, Bastrop and Lee Counties, Texas.

Megan Holmes – M.Ed., 2017. The Effect of Horticultural Community Service Programs on the Recidivism Numbers of Offenders.

Lisa Hanson – M.S., 2016. Gender differences in student attitudes towards science in secondary school classrooms with Resident Scientists.

Jacob Bilbo – M.S., 2015. The effects of water velocity and sediment composition on competitive interactions between native and invasive macrophyte species in a spring fed river.

Leilani Williams – M.S., 2013. Evaluation of ecological function of urban riparian and stream systems: Guiding ecological restoration in Austin, Texas USA.

Scott Havill – M.S. 2012. Can prescribed burns be used to control a C_4 invasive grass in a C_4 grassland.

Amanda Birnbaum – M.S., 2011. Plant growth and chemical responses to variation in soil properties by a Texas sand ridge endemic mint, *Monarda viridissima* (Lamiaceae).

John Montoya – M.S., 2010. Large scale composting as a means of managing water hyacinth.

Jed Aplaca – M.S., 2010. The non-native flora of Texas.
Dawnelle Malone – M.S., 2008. A predictive habitat model for invasive African buffel grass in Big Bend National Park.
Angela Rainer – M.S., 2006. Phylogenetic reconstruction and genetic conservation of *Heloderma horridum*.
Kristy D. Barker Scott – M.S., 2004. Above and below-ground morphological responses of cucumber seedlings (*Cucumis sativus*) to ultraviolet-B radiation.
Andrea Wakefield – M.S., 2004. Megagametogenesis of *Juniperus.*
Minnette Marr – M.S., 2003. Vascular flora of McKinney Roughs Bastrop County, Texas.
Jennifer R. Mittelhauser – M.S., 2002. Blackland prairie restoration in central Texas.
Thomas M. Allemand – M.S., 2002. Calcium dynamics in a subtropical impoundment.
Diana J. McHenry – M.S., 2002. Molecular systematics of Texas genera of Nyctaginaceae.
Patty L. Phillips – M.S., 1999. Composition of woody plants in the understory of plateau live oak *Quercus virginiana* var. *fusiformis* clusters in central Texas.
Freddy A. Prado – M.S., 1999. Bird activity and seed dispersal in two neotropical trees: *Guarea macrophylla* and *Trichilia quadrijuga* (Meliaceae).
William A. Cleveland – M.S., 1998. Monitoring the fungal decomposition of *Colocasia esculenta* using ergosterol as an indicator.
Roland P. Roberts – M.S., 1996. The Euphorbiaceae of Texas.
Laura L. Sanchez – M.S., 1996. Vegetation of Hill Country State Natural Area Bandera and Medina Counties, Texas.
Lisa K. Ahmad – M.S., 1994. Woody plant communities of Guadalupe River State Park Comal and Kendall Counties, Texas.
Massoud Z. Minooi – M.S., 1993. Fibonacci numbers.
Florence M. Oxley – M.S., 1992. A fungal survey of three ponds on North Padre Island.
La Titia L. Taylor Odoms – M.S., 1991. Leaf anatomy and morphology of *Barclaya*.

Non-Thesis Advisor
Neil Schmidt – M.S.I.S., 2014. Sustainability Studies (Applied Research Project)
Luz Morris – M.S., 2004. Biology
Jennifer Mandel – M.S., 2004. Biology
Christine F. Hudec – M.A., 2001. Biology

Non-Thesis Committee Member
Scarlet Pickens – M.S., 2025. Biology
Cassidy Regan – M.S., 2025. Biology
Mackenzie Bark – M.S., 2025. Agricultural Sciences
Brady Pringle – M.S., 2023. Biology
Henry Allen – M.S., 2022. Sustainability Studies
Chelsea Miller – M.S., 2017. Biology
Liyana Anuradha Gunathilake – M.S., 2009. Biology
Katy Furtwrangler – M.S., 2005. Science Education
Robert W. Blankinship – M.S., 1992. Education

Direction of Undergraduate Student Research
Victoria Perez – SSII 2006, Fall 2006
Rachel A. McCarrick – Spring 2003
Roel Maldonado – Spring 2002
Lesley N. Millberger – Spring 2002
Bobby D. Horecka – SSII 1992
Cynthia D. Tyron – Fall 1992
Robert W. Blankinship – SSII 1991
Barton R. Jacques – SSI 1991, SSII 1991

Dawn Hurley – Spring 1999
Mike L. Eason – Spring 1999
Angela A. Gardine - Fall 1997, Spring 1998
Rasmey C. Mau – SSI 1996, SSII 1996
Brittany M. Sarver – SSII 1994
Daniel Atha – SSI 1991
Karen E. Pendlum – SSI 1991
Virginia D. Rippy – SSI 1991
Patti L. Herzik – Spring 1991, SSI 91, Fall 91
Dana L. Sutherland – Spring 1991, Fall 1991

D. Courses Prepared and Curriculum Development:
See section B above for courses prepared.
Online/Hybrid Courses Developed:
BIO 3406: Economic Botany, first taught as online course in fall 2020
New Undergraduate Courses Added to University Curriculum:
CoSE 3300 STEM Leadership, Professional Integration, and Service-Learning Excellence
Intermediate General Botany; Seeds of Change: Plants and Society Honors Course

New Graduate Courses Added to University Curriculum:
Conservation Biology

E. Teaching Grants and Contracts: N/A

F. Other:

Wetlands Project
Leader of the Wetlands Project, 1996-2006 with T. Arsuffi and F. Rose. Informal science education project contributed to the university's goal of transforming Aquarena into an educational facility protecting the sensitive headwaters of the San Marcos River. Extensive efforts were devoted to raising funds to carry out the project. I generated $837,000 in grants (see list in section E. above) that funded construction of the Wetlands Walk at Aquarena Center and environmental restoration efforts. The Wetlands Walk consists of an educational boardwalk and nature trail system that serves as an outdoor classroom allowing the visitor to experience wetlands first-hand and learn about their unique ecology through interpretive signage. The Wetlands Walk is used extensively to teach Texas State students and school children about wetlands ecology. I also organized numerous service-learning activities at Aquarena Center to teach students about wetlands and wetlands restoration.

SEEDS Program
Appointed by the Ecological Society of America and United Negro College Fund to serve as Partner in the Strategies for Ecology Education, Development and Sustainability Program (SEEDS). Program goals were to improve instruction in ecology courses and to increase the number of minority students majoring in ecology and entering graduate programs. I was Partner to Wiley College, Texas (1997-1999), assisting them in developing innovative methods of teaching ecology.

Science/Math/Technology Education Institute Mentorship
The institute's program was designed to improve secondary education in science. The program brought schoolteachers to campus for the summer to conduct research in a science faculty member's lab. I mentored teachers in the program from 1998-2002.

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books:

a. Scholarly Monographs: N/A

b. Textbooks:

Elliot A.M. and P.S. Williamson. 1996. Laboratory Manual to Accompany The Botanical World. Wm. C. Brown Publishers, Iowa. 207 pp.

Elliot A.M. and P.S. Williamson. 1996. Instructor's Resource Guide for the Laboratory Manual to Accompany The Botanical World. Wm. C. Brown Publishers, Iowa. 45 pp.

c. Edited Books: N/A

d. Chapters in Books:

Refereed:

Williamson, P.S. and E.L. Schneider. 1993. Cabombaceae. *in*: *The Families and Genera of Flowering Plants*. K. Kubitzki, editor. Vol. II. Springer-Verlag, New York.

Williamson, P.S. and E.L. Schneider. 1993. Nelumbonaceae. *in*: *The Families and Genera of Flowering Plants*. K. Kubitzki, editor. Vol. II. Springer-Verlag, New York.

Schneider, E.L. and P.S. Williamson. 1993. Nymphaeaceae. *in*: *The Families and Genera of Flowering Plants*. K. Kubitzki, editor. Vol. II. Springer-Verlag, New York.

2. Articles

a. Refereed Journal Articles (*Texas State University student mentee co-author)

Bellis J., M. Albrecht, J. Maschinski, S. Dalrymple, M. Keir, T. Chambers, J. Possley, E. Adkins, E. Parsons, M. Kunz, C. Radcliff, E. Coffey, T. Kaye, C. Peterson, D. Aaron, S. Herron, E. Menges, T. Bell, M. Coppoletta, C. Elam, K. McEachern, P. Williamson, D. Boensch, M. Bontrager, C. Breeden, N. Frade, D. Gordon, S. Link, T. Littlefield, S. Murray, R. O'Dell, N. Pavlovic, C. Reemts, D. Taylor, J. Titus, P. Titus, T. Stanley, and K. Heineman. 2025. The relative influence of geographic and environmental factors on rare plant translocation outcomes. Journal of Applied Ecology 62(3) 638-650.

McClendon, A.E., T.M. Waliczek, C. Serenari, and P.S. Williamson. 2024. Effects of an informal place-based educational program on knowledge and perceptions of invasive species management. HortTechnology 34(1): 71-79.

Bellis J., O. Osazuwa-Peters, J. Maschinski, M.J. Keir, E.W. Parsona, T.N. Kaye, M. Kunz, J. Possley, E. Menges, S.S. Smith, D. Roth, D. Brewer, W. Brumback, J.L. Lange, C. Niederer, J.B. Turner-Skoff, M. Bontrager, R. Braham, M. Coppoletta, K.D. Holl, P. Williamson, T. Bell, J.L. Jonas, K. McEachern, K.L. Robertson, S.J. Birnbaum, A. Dattilo, J.J. Dollard, J. Fant, W. Kishida, P. Lesica, S.O. Link, N.B. Pavlovic, J. Poole, C.M. Reemts, P. Stiling, D.D. Taylor, J.H. Titus, P.J. Titus, E.D. Adkins, T. Chambers, M.W. Paschke, K.D. Heineman, M.A. Albrecht. 2023. Identifying predictors of translocation success in rare plant species. Conservation Biology 38(2), e14190.

Williamson, P.S., P. Berresford, S.D. Fehlberg, M. Terry, A.W. Strong, J. McKinney, and A. Ermakova. 2023. Vorkommen und phylogenie des bedrohten in Texas endemischen Echinocereus fitchii subsp. albertii. Der Echinocereenfreund 36(2): 38-69. (translation of 2022 Bradleya article)

Williamson, P.S., P. Berresford, S.D. Fehlberg, M. Terry, A.W. Strong, J. McKinney, and A. Ermakova. 2022. Occurrence and phylogeny of the endangered Texas endemic *Echinocereus fitchii* subsp. *albertii*. Bradleya 40:27-48.

Berresford, P., P.S. Williamson, J. McKinney, C. Best, and M. Terry. 2022. Case studies of building partnerships for conservation of endangered and threatened cacti in Texas. Bradleya, Special Conservation Issue pp. 17-32.

Crawford, M.L.*, P.S. Williamson, T.M. Waliczek, D.L. Lemke, and T.B. Hardy. 2020. Effects of photosynthetically active radiation on vegetative growth of Texas wild rice and consequences for population augmentation. HortScience 55:1000-1004.

Waliczek, T.M., K.M. Parsley*, P.S. Williamson, and F.M. Oxley. 2018. Curricula influence college student knowledge and attitudes regarding invasive species. HortTechnology 28:548-556.

Waliczek, T.M., P.S. Williamson, F.M. Oxley. 2017. College student knowledge and perceptions of invasive species. HortTechnology 27:550-556.

Oxley, F.M.*, T.M. Waliczek, and P.S. Williamson. 2016. Stakeholder opinions on invasive species and their management in the San Marcos River. HortTechnology 26:514-521.

Echo-Hawk, P.D., F.M. Oxley*, P.S. Williamson, V. Cantu and K. Ostrand. 2014. Integrated management of an invasive macrophyte. Journal of Aquatic Plant Management 52: 97-101.

Ferrazzano, S.* and P.S. Williamson. 2013. Benefits of mycorrhizal inoculation in reintroduction of endangered plant species under drought conditions. Journal of Arid Environments 98: 123-125.

Ferguson, A.W., R.E. Strauss, A.W. Strong, S.J. Birnbaum*, J.M. Poole, G.K. Janssen, and P.S. Williamson. 2013. Assessing regional differences in predation of endangered species: Implications from Texas populations of the endangered star cactus (*Astrophytum asterias*). Journal of Arid Environments 97:143-149.

Goodson, J.J.* and P.S. Williamson. 2011. Germination of seeds in the endangered *Abronia macrocarpa*. Southwestern Naturalist 56:141-146.

Birnbaum, S.J.*, J.M. Poole, and P.S. Williamson. 2011. Reintroduction of star cactus *Astrophytum asterias* by seed sowing and seedling transplanting, Las Estrellas Preserve, Texas, USA. Conservation Evidence 8:43-52.

Blair, A.W.* and P.S. Williamson. 2010. Pollen dispersal in star cactus (*Astrophytum asterias*). Journal of Arid Environments 74:525-527.

Ferguson, A.W. and P.S. Williamson. 2009. New Host Plant Record, the Endangered Star Cactus (*Astrophytum asterias*), for *Moneilema armatum* LeConte (Coleoptera: Cerambycidae: Lamiinae). The Coleopterists Bulletin 63:218-220.

Watson, C.A.*, F.W. Weckerly, J.S. Hatfield, C. Farquhar, and P.S. Williamson. 2008. Detection, occupancy and survey effort of Golden-cheeked warblers (*Dendroica chrysoparia*). Animal Conservation 11:484-492.

Blair, A.* and P.S. Williamson. 2008. Effectiveness and importance of pollinators in star cactus (*Astrophytum asterias*). Southwestern Naturalist 53:423-430.

Atkins, E.O.* and P.S. Williamson. 2008. Comparison of four techniques to eradicate elephant ear. Journal of Aquatic Plant Management 46:158-162.

Strong, A.W. *and P.S. Williamson. 2007. Breeding system of *Astrophytum asterias*. Southwestern Naturalist 52:341-346.

Schneider, E.L., S.C. Tucker, and P.S. Williamson. 2003. Floral development in the Nymphaeales. International Journal of Plant Science 164:5279-5292.

Lippok, B., A.A. Gardine*, P.S. Williamson, and S.S. Renner. 2000. Pollination by flies, bees, and beetles of *Nuphar ozarkana* and *N. advena* (Nymphaeaceae). American Journal of Botany 87:898-902.

Arsuffi, T.L., P.S. Williamson, M. de la Garza Newkirk, and M. Howard. 2000. The San Marcos River Wetlands Project: Restoration and environmental education in Texas. International Journal of Wilderness 6:17-21.

Williamson, P.S. and C.R. Werth. 1999. Levels and patterns of genetic variation in the endangered species *Abronia macrocarpa* (Nyctaginaceae). American Journal of Botany 86:293-301.

Williamson, P.S. and S.K. Bazeer*. 1997. Self-incompatibility in *Abronia macrocarpa*. Southwestern Naturalist 42:409-415.

Van Auken, O.W. and P.S. Williamson. 1997. Rare plants of the southwest: forward. Southwestern Naturalist 42:367-368.

Schneider, E.L. and P.S. Williamson. 1996. *Barclaya rotundifolia*. Aqua-Planta 2:87-95.

Williamson, P.S. and E.L. Schneider. 1994. Floral aspects of *Barclaya* (Nymphaeaceae): Pollination, ontogeny and structure. Plant Systematics and Evolution 8:104-115.

Williamson, P.S. and E.L. Schneider. 1994. *Ondinea purpurea* den Hartog. Aqua-Planta 1:3-10.

Williamson, P.S., L. Muliani*, and G.K. Janssen*. 1994. Pollination biology of *Abronia macrocarpa* (Nyctaginaceae), an endangered Texas species. Southwestern Naturalist 39: 336-341.

Moseley, M.F., E.L. Schneider, and P.S. Williamson. 1993. Phylogenetic interpretations from selected floral vasculature characters in the Nymphaeaceae, sensu lato. Aquatic Botany 44: 325-342.

Williamson, P.S. 1991. *Ondinea*, the new Australian water lily. Water Garden Journal 7: 3-48.

Williamson, P.S. 1991. Ecological anatomy of *Nuphar luteum* leaves. Texas A&M University EM Views 6: 7-8.

Skubatz, H., P.S. Williamson, E.L. Schneider, and B.J.D. Meeuse. 1990. Cyanide-insensitive respiration in thermogenic flowers of *Victoria* and *Nelumbo*. Journal of Experimental Botany 41:1335-1339.

Schneider, E.L., P.S. Williamson, and D.C. Whitenberg. 1990. Hot sex in water lilies. Water Garden Journal 6:41-51.

Williamson, P.S., E.L. Schneider, and L.A. Malins. 1989. Tuber and leaf structure of *Ondinea purpurea* den Hartog (Nymphaeaceae). Western Australian Naturalist 18:52-61.

Williamson, P.S. and M.F. Moseley. 1989. Morphological studies of the Nymphaeaceae (s.l.). XVII. The floral anatomy of *Ondinea purpurea* subspecies *purpurea*. American Journal of Botany 76:1781-1796.

Moseley, M.F., I.J. Mehta, P.S. Williamson, and H. Kosakai. 1984. Morphological studies of the Nymphaeaceae (s.l.). XIII. Contributions to the vegetative and floral structure of *Cabomba*. American Journal of Botany 71:902-924.

Schneider, E.L., M.F. Moseley, and P.S. Williamson. 1983. The pollination biology of *Ondinea purpurea*. Proceedings of the Vth International Symposium on Pollination. Ed. INRA Publ. Les Colloques de I'INRA, n-21:231-235.

3. Conference Proceedings:

Refereed Conference Proceedings:

Williamson, P.S. 2004. Status of the Large-fruited sand verbena (*Abronia macrocarpa*). Proceedings of the Texas Plant Conservation Conference. Lady Bird Johnson Wildflower Center Publication.

Arsuffi, T.L., P.S. Williamson, and M. de la Garza Newkirk. 1999. The San Marcos River Wetlands Project: Restoration and a vision of environmental stewardship and management for urban rivers in Texas through education and partnerships. 1998 River Management Society Symposium Proceedings pp. 161-170.

Janssen, G.K. and P.S. Williamson. 1996. Encouraging conservation of endangered plants on private lands: A case study of *Frankenia johnstonii*, an endangered south Texas subshrub. *In*: Southwestern Rare and Endangered Plants: Proceedings of the Second Conference. USDA Forest Service General Technical Report RM-GTR-283: 1-7.

Williamson, P.S. 1991. Crisis in Science: Creating an interest in botany. Native Plant Society of Texas Symposium Proceedings pp. 91-105.

4. Presentations/Abstracts: (*Texas State University student mentee co-author)

Williamson, P. 2025. The ASPIRE Project. CoSE Student Success Symposium. Texas State University, San Marcos, TX.

Hastings, C.K., E.N. Nierth, M.J. Patterson, E.K.J. Suh, N.E. Weimer, C.E. Hailey, C.T. Chang, P.S. Williamson and A.A. Weimer. 2025. The course transformation project: a faculty-centered team approach to improving STEM learning in high D/F/W courses. Texas Student Success Conference, Texas Higher Education Coordinating Board, Austin, TX

Zipperer, J.E., C.A. Jess, R. Schobel, M.E. Forsythe, P.S. Williamson and K.L. Daniel. 2025. Enhance your outdoor science programming with free Research Rangers resources. Annual Meeting on the Informal Science Education Association of Texas, San Antonio, TX.

Felberg, S., K. Fehlberg., D. Dehn., K. Church, M. Baker, P.S. Williamson, and J. Beck. 2024. Genomics, morphology, and flow cytometry inform taxonomy and conservation of rare cacti in the genus *Echinocereus* from the warm deserts of North America. IBC 2024 XX International Botanical Congress, Madrid, Spain, Abstracted in Oral Abstract Book S.104.5 pg. 328.

Fogel, B.*, A.A. Castellanos, P.S. Williamson, and J.P Martina. 2024. Using ecological niche modeling to predict endangered plant species distributions and effects of climate change on suitable habitat. North American Congress for Conservation Biology. Vancouver, Canada. Abstracted in Conference Proceedings.

Fogel, B.*, P. Williamson, A. Castellanos, J.P. Martina. 2022. Using ecological niche modeling to predict distribution of two endangered plant species, *Leavenworthia texana* and *Physaria pallida*. Texas Chapter, Society for Ecological Restoration 25th Annual Conference. St. Edward's University. Austin, TX.

Reynolds, M.L.*, P.S. Williamson, and T.B. Hardy. 2018. Effects of ambient light on vegetative growth of Texas wild rice. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Texas State University. San Marcos, Texas.

Parsley, K.M.*, T.M. Waliczek, P.S. Williamson, F.M. Oxley. 2017. Effectiveness of invasive species education curricula / Eficiencia de los planes de estudio sobre especies invasoras. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Cameron University. Cameron, Oklahoma.

Parsley, K.M.*, T.M. Waliczek, P.S. Williamson, and F.M. Oxley. 2017. Measuring the effectiveness of invasive species education curricula on student knowledge of invasive species. Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. University of Mary-Hardin Baylor. Belton, Texas.

K.M. Parsley*, T.M. Waliczek, P.S. Williamson, and F.M. Oxley. 2016. Bringing invasive species into the college classroom. National Association of Biology Teachers Professional Development Conference. Denver, Colorado.

Oxley, F.M.*, T.M. Waliczek and P.S. Williamson. 2016. Stakeholder opinions on invasive species and their management in the San Marcos River. Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. Texas Tech University. Junction, Texas.

Williamson, P.S., C.G. Meredith*, J.J. Goodson* and S. Ferrazzano*. 2015. Factors to consider in rare plant reintroduction. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. San Diego State University. San Diego, California.

Strong, A.W. and P.S. Williamson. 2014. Species assessments and populations updates for rare plant species. Texas Plant Conservation Conference. Austin, TX.

Oxley, F.M.*, T.M. Cade and P.S. Williamson. 2014. Invasive species management in the San Marcos River: Does public opinion matter? Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Oklahoma State University. Stillwater, Oklahoma.

Oxley, F.M.*, T.M. Cade and P.S. Williamson. 2013. Rolling Down the River: Public Perceptions and Attitudes Towards Invasive Species and Invasive Species Management in the San Marcos River, San Marcos, Texas. Abstracted in 53rd Annual Meeting of the Aquatic Plant Management Society Program & Abstracts. (July). Aquatic Plant Management Society. San Antonio, Texas.

Havill, S.A.*, S. Schwinning, K.G. Lyons, and P.S. Williamson. 2012. Can prescribed fire be used to manage a C(4) invasive grass in a C(4) grassland. Abstracted in ESA Publ. (August). Ecological Society of America. Portland, Oregon.

Williamson, P.S., C.G. Meredith* and J.J. Goodson*. 2012. Evaluation of suitable habitat for reintroduction of the endangered species *Abronia macrocarpa* as a recovery measure. Abstracted in ESA Publ. (August). Ecological Society of America. Portland, Oregon.

Havill, S.A.*, S. Schwinning, J.P. Bach, K.G. Lyons, and P.S. Williamson. 2012. Can prescribed burns be used to control a C(4) invasive grass in a C(4) grassland. Abstracted in North American Congress for Conservation Biology Publ. (July). Society for Conservation Biology North American Section. Oakland, California.

Oxley, F.M.* and P.S. Williamson. 2011. The effects of temperature and light on the vegetative growth of *Cryptocoryne beckettii* (Thwaites ex Trimen), a potentially invasive species in the San Marcos River. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Texas Tech University. Tyler, Texas.

Williamson, P.S., C.G. Meredith*, and J.J. Goodson*. 2010. Testing reintroduction of *Abronia macrocarpa*. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Texas Tech University. Junction, Texas.

Williamson, P.S., C.G. Meridith*, and J.J. Goodson*. 2009. Selecting appropriate habitat for reintroduction of *Abronia macrocarpa*. International Symposium. Evaluating Reintroductions as a Plant Conservation Strategy: Two Decades of Evidence. Abstracted in Symposium Proceedings. Center for Plant Conservation. St. Louis. Missouri.

Blair, A.* and P.S. Williamson. 2009. Pollen dispersal in star cactus (*Astrophytum asterias*). Abstracted in Meeting Proceedings. Botanical Society of America. Snowbird, Utah.

Ferguson, A.W. and P.S. Williamson. 2009. Mortality of the endangered star cactus (*Astrophytum asterias* LEMAIRE) by the cactus longhorn Beetle (*Moneilena armatum* LECONTE). Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Universidad Autonoma de Nuevo Leon. Monterrey, Mexico.

Birnbaum, S.J.* and P.S. Williamson. 2009. Habitat characterization and pilot reintroduction of star cactus (*Astrophytum asterias*). Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Universidad Autonoma de Nuevo Leon. Monterrey, Mexico.

Blair, A.* and P.S. Williamson. 2008. Pollinator effectiveness and importance in star cactus (*Astrophytum asterias*). Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. The University of Memphis, Memphis, Tennessee.

Watson, C.*, F.W. Weckerly, J.S. Hatfield, C.C. Farquhar, and P.S. Williamson. 2008. Detection probabilities, occupancy, and survey effort of Golden-cheeked warblers (*Dendroica chrysoparia*) using detection-nondetection surveys. Partners in Flight Conference. McAllen, Texas.

Ferguson, A., A.W. Strong, J.M. Poole, S. Birnbaum*, G.K. Janssen, and P.S. Williamson. 2007. Mammalian herbivory and star cactus: Culprits, threats and potential solutions. Abstracted in Conference Proceedings. Texas Plant Conservation Conference. Lady Bird Johnson Wildflower Center, Austin, Texas.

Hanson, S. and P.S. Williamson. 2007. Our endless and proper work: the practice of attention. Abstracted in Conference Proceedings. The Circle Network: A Land Full of Stories Conference. Texas State University-San Marcos, San Marcos, Texas.

Goodson, J.J.* and P.S. Williamson. 2007. Testing reintroduction potential of *Abronia macrocarpa*. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Tarleton State University, Stephenville, Texas.

Ferguson, A., A.W. Strong*, J.M. Poole, S. Birnbaum*, and P.S. Williamson. 2007. Effects of mammalian herbivory on populations of the endangered star cactus *Astrophytum asterias*. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Tarleton State University, Stephenville, Texas.

Meredith, C.G.* and P.S. Williamson. 2006. Recovery of *Abronia macrocarpa*, an endangered Texas endemic, following habitat disturbance. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Colima, México.

Strong, A.W.* and P.S. Williamson 2005. Breeding system of *Astrophytum asterias*. Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. The University of Texas Pan American, Edinburg, Texas.

Strong, A.W.* and P.S. Williamson 2005. Phenology and reproductive biology of *Astrophytum asterias*. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Sam Houston State University, Huntsville, Texas.

Williamson, P.S. 2005. The Wetlands Project: A vision of environmental stewardship becomes a reality. Abstracted in the Botany 2005 Educational Forum. Botanical Society of America. Austin, Texas.

Williamson, P.S., C.G. Meredith*, J.J. Goodson*, and G.K. Janssen. 2005. Testing population augmentation and introduction potential in *Abronia macrocarpa* (Large-fruited sand verbena). Abstracted in Conference Proceedings. Texas Plant Conservation Conference. Lady Bird Johnson Wildflower Center, Austin, Texas.

Strong, A.W.*, P.S. Williamson, G.K. Janssen, and J. Poole. 2005. Reproductive biology of star cactus (*Astrophytum asterias*). Abstracted in Conference Proceedings. Texas Plant Conservation Conference. Lady Bird Johnson Wildflower Center, Austin, Texas.

Strong, A.W.* and P.S. Williamson. 2005. Breeding system of *Astrophytum asterias*. Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. The University of Texas Pan American, Edinburg, Texas.

Meredith, C. M.*, P.S. Williamson and C. Nice. 2004. Conservation of the bracted twistflower (*Streptanthus bracteatus*). Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. University of Texas, San Antonio, Texas.

Williamson, P.S. and Gena K. Janssen. 2002. Conservation of *Frankenia johnstonii*. Abstracted inTexas Academy of Sci. Publ. (March). Texas Academy of Science. Texas A&M International University, Laredo, Texas.

Preite, C.K.*, P.S. Williamson, and T.R. Simpson. 2002. Algal species composition on turtle carapaces in Spring Lake, Hays County, San Marcos, Texas. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Universidad Autónoma del Estado de Morelos, Cuernavaca, México.

Williamson, P.S. 2002. Status of the Large-fruited sand verbena (*Abronia macrocarpa*). Abstracted in Conference Proceedings. Texas Plant Conservation Conference. Lady Bird Johnson Wildflower Center, Austin, Texas.

Reimer, M.M.*, D.G. Huffman, and P. S. Williamson. 2001. Baseline survey of birds at the San Marcos Springs Wetlands, San Marcos, Texas. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Fort Hays State University, Hays, Kansas.

Preite, C.K.*, P.S. Williamson , B.E. Gilliam, and G.K. Janssen. 2001. Population biology of *Abronia macrocarpa* (Large-fruited sand verbena). Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. Southwest Texas State University, San Marcos, Texas.

Dodson, D.P.* and P.S. Williamson. 2001. Reproductive biology and ecology of *Thymophylla tephroleuca* (Ashy dogweed), an endangered Texas endemic. Abstracted in Texas Academy of Sci. Publ. (March). Texas Academy of Science. Southwest Texas State University, San Marcos, Texas.

Preite, C.K.*, B.E. Gilliam, G.K. Janssen, and P.S. Williamson. 2001. Population biology of *Abronia macrocarpa* (Large-fruited sand verbena). Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Fort Hays State University, Hays, Kansas.

Dodson, D.P.* and P.S. Williamson. 2001. Life history traits and the effects of disturbance on *Thymophylla tephroleuca* (Ashy dogweed), a narrow Texas endemic. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Fort Hays State University, Hays, Kansas.

Reimer, M.M.*, D.G. Huffman, and P. S. Williamson. 2000. Survey of birds at the Aquarena Center and the dispersal pattern of waterbirds pre- and post-installation of a wetland boardwalk. Abstracted in Conference Proceedings. The Waterbird Society Meeting. Plymouth, Massachusetts.

Gardine, A.A.* and P.S. Williamson. 1999. Pollination and the breeding system in *Nuphar advena* (Nymphaeaceae). Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Texas Lutheran University, Seguin, Texas.

Janssen, G.K. and P.S. Williamson. 1999. The conservation of *Frankenia johnstonii* (Johnston's frankenia), an endangered subshrub in south Texas and adjacent Mexico. Abstracted in Southwestern Association of Naturalists Publ. (April). Southwestern Association of Naturalists. Universidad Autonoma de Nuevo Leon, Monterrey, México.

Williamson, P.S., T.A. Arsuffi, and M. de la Garza Newkirk. 1999. The San Marcos River Wetlands Project. Society for Ecological Restoration, Eleventh Annual International Conference. Abstracted in Community, Connection and Stewardship Symposium Proceedings. San Francisco, California.

Arsuffi, T.A., P.S. Williamson, and E. Atkins*. 1998. The San Marcos River Wetlands Project: restoration and exotic plant management. Abstracted in ESA Publ. (August). Ecological Society of America. Baltimore, Maryland.

Williamson, P.S. and C.R. Werth. 1998. Genetic variation in the endangered species *Abronia macrocarpa*. Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. University of Texas at Tyler, Tyler, Texas.

Arsuffi, T.A., P.S. Williamson, and M. de la Garza Newkirk. 1998. Restoration and a vision of environmental stewardship for urban rivers in Texas through education and partnerships. Abstracted in Symposium Proceedings. Rivers Management Society Symposium. Anchorage, Alaska.

Howard, M.S., T.L. Arsuffi, P.S. Williamson, F.R. Rose, and M. de la Garza Newkirk. 1998. The San Marcos River Habitat Conservation Plan: A solution to pollution. Abstracted in Symposium Proceedings. Rivers Management Society Symposium. Anchorage, Alaska.

Williamson, P.S. and S.K. Bazeer*. 1997. Sporophytic incompatibility in *Abronia macrocarpa* (Nyctaginaceae). Abstracted in Proceedings of the Southwestern Assoc. of Naturalists (April). Southwestern Association of Naturalists. University of Arkansas, Fayetteville, Arkansas.

Williamson, P.S. and C.R. Werth. 1997. Levels and patterns of genetic variation in the endangered species *Abronia macrocarpa* Galloway (Nyctaginaceae). Amer. J. Bot. 84: 245 (Abstract). Botanical Society of America. Montreal, Canada.

Williamson, P.S. and S.K. Bazeer*. 1996. The self-incompatibility system in *Abronia macrocarpa.* Amer. J. Bot. 83: 330. (Abstract). Botanical Society of America. Seattle, Washington.

Williamson, P.S., S.K. Bazeer*, and G.K. Janssen. 1995. Self-incompatibility in *Abronia macrocarpa* (Nyctaginaceae): pollen tube growth. Abstracted in Conference Proceedings. Second Southwestern Rare and Endangered Plant Conference. Northern Arizona University, Flagstaff, Arizona.

Janssen, G.K. and P.S. Williamson. 1995. Encouraging conservation of endangered plants on private lands: A case study of *Frankenia johnstonii*, an endangered south Texas subshrub. Abstracted in Conference Proceedings. Second Southwestern Rare and Endangered Plant Conference. Northern Arizona University, Flagstaff, Arizona.

Williamson, P.S., S.K. Bazeer*, and G.K. Janssen. 1995. The self-incompatibility system in *Abronia macrocarpa* (Nyctaginaceae), an endangered Texas endemic. TSEM 26: 63 (Abstract). Texas Society for Electron Microscopy. Austin, Texas.

Williamson, P.S. and L. Muliani*. 1994. Pollination and mating system of *Abronia macrocarpa* (Nyctaginaceae). Amer. J. Bot. 81: 66 (Abstract). Botanical Society of America. Knoxville, Tennessee.

Couch, K.L.* and P.S. Williamson. 1994. Recolonization of a disturbed population site of *Abronia macrocarpa*. Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Texas Southern University, Houston, Texas.

Williamson, P.S. and L. Muliani*. 1993. Reproductive biology of *Abronia macrocarpa* (Nyctaginaceae). Abstracted in Proceedings of the Southwestern Association of Naturalists (April). Southwestern Association of Naturalists. Southwest Missouri State University, Springfield, Missouri.

Williamson, P.S. and L. Muliani*. 1993. Reproductive biology of *Abronia macrocarpa* (Nyctaginaceae). Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. University of North Texas, Denton, Texas.

Williamson, P.S. and E.L. Schneider. 1992. The genus *Barclaya* (Nymphaeaceae). Abstracted in Proceedings. International Water Lily Symposium. Houston, Texas.

Schneider, E.L., P.S. Williamson, and E.P. Klucking. 1992. Leaf structure of *Barclaya* Amer. J. Bot. 79: 49 (Abstract). Botanical Society of America. Honolulu, Hawaii.

Williamson, P.S., P.L. Herzik*, F.M. Oxley*, and H. Lucero*. 1992. Seed germination of *Argemone fruticosa* (Papaveraceae). Abstracted in Proceedings of the Southwestern Association of Naturalists (April). Southwestern Association of Naturalists. Texas Tech University Center, Junction, Texas.

Williamson, P.S., P.L. Herzik*, and H. Lucero*. 1992. *Argemone fruticosa*, a woody poppy from Mexico. Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Midwestern State University, Wichita Falls, Texas.

Moseley, M.F., P.S. Williamson, and E.L. Schneider. 1991. Morphological studies of the Nymphaeaceae sensu lato: Phylogenetic interpretations from selected floral vasculature characters. Amer. J. Bot. 78: 160-161 (Abstract). Botanical Society of America. San Antonio, Texas.

Hamilton, G.K.* and P.S. Williamson. 1991. *Abronia macrocarpa* Galloway, an endangered east Texas endemic. Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Stephen F. Austin State University, Nacogdoches, Texas.

Hamilton, G.K.* and P.S. Williamson. 1991. Leaf structure of *Abronia macrocarpa* Galloway (Nyctaginaceae). TSEM 22: 28 (Abstract). Texas Society for Electron Microscopy. Clear Lake, Texas.

Williamson, P.S. 1991. Addressing the teaching mission of an institution. Abstracted in Conference Proceedings. American Association of Botanical Gardens and Arboreta. Minneapolis, Minnesota.

Williamson, P.S., L.T. Taylor Odoms*, and E.L. Schneider. 1990. Morphological studies of the Nymphaeaceae: Field observations of *Barclaya* in Malaysia. Amer. J. Bot. 77: 166 (Abstract). Botanical Society of America. Richmond, Virginia.

Williamson, P.S., E.L. Schneider, and D.E. Lemke. 1990. Morphoplasticity in the leaves of *Nuphar luteum* (Nymphaeaceae). Amer. J. Bot. 77: 41 (Abstract). Botanical Society of America. Richmond, Virginia.

Williamson, P.S. 1990. Structural adaptations of aquatic macrophytes. Abstracted in Teaching the Limnology Laboratory Symposium Proceedings. Association of Southeastern Biologists. Baltimore, Maryland.

Williamson, P.S. 1990. *Ondinea*, the new Australian water lily. Abstracted in Symposium Proceedings.6th International Water Lily Symposium. Orlando, Florida.

Taylor Odoms, L.T.*, P.S. Williamson, and E.L. Schneider. 1990. The natural history of *Barclaya*, a Malaysian water lily. Abstracted in Proceedings of the Southwestern Assoc. of Naturalists (April). Southwestern Association of Naturalists. University of North Texas, Denton, Texas.

Taylor Odoms, L.T.*, E.L. Schneider, and P.S. Williamson. 1990. The genus *Barclaya* (Nymphaeaceae). Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Southwest Texas State University, San Marcos, Texas.

Williamson, P.S., E.L. Schneider, and D.E. Lemke. 1990. Ecological anatomy of *Nuphar luteum* leaves. TSEM 21: 27 (Abstract). Texas Society for Electron Microscopy. Kerrville, Texas.

Williamson, P.S., L.T. Odoms*, and E.L. Schneider. 1990. Morphological studies of the Nymphaeaceae: *Barclaya*, a Southeast Asian water lily. TSEM 21: 27 (Abstract). Texas Society for Electron Microscopy. Galveston, Texas.

Williamson, P.S., E.L. Schneider, and L.A. Malins. 1989. Structural and reproductive aspects of *Ondinea purpurea*, an Australian member of the Nymphaeaceae. Amer. J. Bot. 76: 71 (Abstract). Botanical Society of America. University of Toronto, Toronto, Canada.

Williamson, P.S., E.L. Schneider, and L.A. Malins. 1989. Stem, leaf, and floral structure in *Ondinea purpurea*, an Australian member of the Nymphaeaceae. Abstracted in Proceedings of the Southwestern Assoc. of Naturalists (April). Southwestern Association of Naturalists. Arkansas State University, Jonesboro, Arkansas.

Williamson, P.S. 1989. Floral development, a SEM examination. TSEM 20: 39 (Abstract). Texas Society for Electron Microscopy. Arlington, Texas.

Williamson, P.S., E.L. Schneider, and L.A. Malins. 1989. The life history of *Ondinea purpurea*. Abstracted in Texas Acad. Sci. Publ. (March). Texas Academy of Science. Lamar University, Beaumont, Texas.

Williamson, P.S. 1988. The floral ontogeny of *Ondinea purpurea* (Nymphaeaceae). Amer. J. Bot. 75: 52-53 (Abstract). Botanical Society of America. University of California, Davis, California.

Williamson, P.S. 1986. Further observations on the floral anatomy of *Ondinea purpurea* subsp. *purpurea* (Nymphaeaceae). Amer. J. Bot. 73: 64 (Abstract). Botanical Society of America. University of Massachusetts, Amherst, Massachusetts.

Moseley, M.F. and P.S. Williamson. 1984. The vasculature of the flower of *Euryale ferox*. Amer. J. Bot. 71: 40-41 (Abstract). Botanical Society of America. Colorado State University, Fort Collins, Colorado.

Moseley, M.F., I.J. Mehta, P.S. Williamson, and H. Kosakai. 1983. The floral anatomy of *Cabomba*. Amer. J. Bot. 70: 27 (Abstract). Botanical Society of America. University of North Dakota, Grand Forks, North Dakota.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

See Abstracts above

2. Invited Talks, Lectures, and Presentations:

Williamson, P.S. and S.D. Fehlberg. 2022. TPWD: Wildlife Diversity Webinar Series. Presented February 16, 2022. Black lace cactus (*Echinocereus fitchii* subsp. *albertii*) occurrence and genetic relationships. **https://www.youtube.com/watch?v=mubf1ItKiwk&list=PLANcqgdxvXhblpH2xUWaUo_vdd_NBrBJV&index=6**

Golato, A. and P.S. Williamson. 2014. National Graduate Student Appreciation Week as a marketing tool. Conference of Southern Graduate Schools. San Antonio, Texas.

Williamson, P.S. 2012. Conservation biology, the road to recovery. International Research Conference for Graduate Students. Texas State University-San Marcos. San Marcos, Texas.

Person, B., B. Rafert, B. Webb, and P.S. Williamson. 2010. Faculty Advising: A Social Networking Problem. Conference of Southern Graduate Schools annual meeting, Savannah, Georgia, 2010.

Williamson, P.S. 2009. Responsible conduct of research: Gauging the existing ethical climate on campus. Association of Texas Graduate Schools. University of Texas at Arlington, Arlington, Texas.

Willoughby, M., P. Williamson, C. Barrera, and G. Garcia. 2008. Increasing faculty diversity: Texas State Predoctoral Summer Fellowship Program. Association of Texas Graduate Schools. University of North Texas, Denton, Texas.

Williamson, P.S. and J.M. Osborn. 1999. A review of pollination biology and pollen structure in the Nymphaeales: Evolutionary implications. XVI International Botanical Congress, Aquatic Angiosperm Systematics and Evolution Symposium. St. Louis, Missouri.

Williamson, P.S. and E.L. Schneider. 1993. Morphological studies of the Nymphaeaceae sensu lato

XX. Floral aspects of *Barclaya*: pollination, ontogeny and structure. XV International Botanical Congress. Yokohama, Japan.

Williamson, P.S. 1988. *Ondinea*, the new genus of Nymphaeaceae from Australia. Academia Sinica. Wuhan Institute of Botany, Wuhan, People's Republic of China.

C. Scholarly / Creative Grants and Contracts:

Grants ($7,852,804 in external funding; $29,156 in internal funding)

1. Funded External Grants and Contract:

NSF, ASPIRE: Academic Success and Professional Integration with Research Experience. $494,725 (CoPI, 2025-27)

US Dept. Education, Generación STEM Supplemental Funding. $348,519 (PI, 2025-26).

US Dept. Education, Generación STEM Supplemental Funding. $29,916 (PI, 2024-25).

US Dept. Education, Hispanic-Serving Institutions STEM and Articulation Program. "GENERACIÓN STEM: Promoting Hispanic and Low-Income Student Success through Individualized Support, Transfer Navigation, and STEM Career Preparation" $4,944,725 (PI, 2021-26)

USFWS/TPWD "Developing a landowner outreach program for endangered *Leavenworthia texana* and *Physaria pallida* in East Texas" $99,292 (CoPI, 2021-23)

USFWS/TPWD "Black lace cactus genetics" $124,974 (PI, 2016-19)

USDA "Survey of college youth's understanding of exotic species and attitudes towards plant pest control" $36,133 (PI, 2015-16)

Edwards Aquifer Authority (Edwards Aquifer Habitat Conservation Plan). Effects of suspended sediments on Texas wild rice, other macrophytes, and macroinvertebrates. $75,000 (CoPI, 2015)

USFWS/TPWD "Data synthesis and species assessments to aid in determining future candidate or listed status for plants from the USFWS lawsuit and settlements" $127,478 (PI, 2012-15)

USFWS/TPWD "Research and recovery of star cactus" $345,147 (PI, 2004-08)

USFWS/TPWD "Protection on Private Lands and Research for Recovery of Large-fruited Sand-verbena." $86,454 (PI, 2005)

John P. McGovern Foundation "Wetlands Project." $15,000 (CoPI, 2002)

USFWS/TPWD "Johnston's frankenia conservation – annual monitoring." $17,000 (PI, 2002)

USFWS/TPWD "Lower Rio Grande Valley candidate plant conservation" $74,925 (PI, 2001)

Parks and Wildlife Foundation "Riparian restoration and interpretive walk" $150,000 (CoPI, 2001)

USFWS. "Johnston's frankenia delisting." $1,975 (PI, 2001)

USFWS. "Johnston's frankenia conservation – annual monitoring." $24,348 (PI, 2000)

TPWD "Wetlands walk at San Marcos Springs educational interpretation" $65,000 (CoPI, 2000)

USFWS/TPWD "Effects of disturbance on *Thymophylla tephroleuca*, ashy dogweed (Asteraceae). $28,000 (1999)

USFWS "Exotic plant and animal control and an interpretive boardwalk trailhead kiosk: Phase 1." $19,500 (1999)

TPWD "Restoration of Aquarena riparian zone" $70,000 (CoPI, 1999)

USFWS/TPWD. "Large-fruited sand verbena landowner technical assistance program." $40,000 (PI, 1998-99)

U.S. Geological Survey "Survey of the fishes and riparian and aquatic plants associated with South Central Texas NAWQA ecological reaches." $3,100 (CoPI, 1998)

Meadows Foundation "Wetlands Project" $500,000 (CoPI, 1998)

National Fish and Wildlife Foundation - Native Plant Conservation Initiative "Restoration of the San Marcos headwaters." $5,000 (CoPI, 1997)

National Park Service Rivers, Trails, Conservation Assistance Program "Wetlands Project

educational brochure." $2,500 (CoPI, 1997)
International Water Lily Society "Field studies and conservation of *Nymphaea alba* var. *rubra* Lonnroth." $3,400 (CoPI, 1995)
USFWS/TPWD "Survey and management of Johnston's frankenia populations." $49,434 (PI, 1993-1995)
USFWS "Study of large-fruited sand verbena (*Abronia macrocarpa*) and surrounding plant community in response to disturbance." $7,000 (PI, 1993)
USFWS/TPWD "Large-fruited sand verbena monitoring/management study" $51,859 (PI, 1992-95)
Botanical Society of America Travel Assistance Award to attend the XV International Botanical Congress, Japan. $800. (PI, 1993)
Southern Ute Education Council. "Educational improvement of Native American students in graduate science research." $6,900 (CoPI, 1991)
Limnology Symposium Participant Grant. "Structural adaptations of aquatic macrophytes." Murray State University. $500 (PI, 1990)
Suwanne Laboratories, Inc. "Tubers of *Ondinea*." $3,500 (PI, 1988)
University of California Research Grant "The floral ontogeny of *Ondinea*." $600 (PI, 1986)
Sigma Xi Grant-in-Aid of Research $100 (PI, 1983)

NSF (*National Science Foundation*) USFWS *(U.S. Fish and Wildlife Service);* TPWD *(Texas Parks and Wildlife Department;* USDA *(U.S. Department of Agriculture)*; US Dept. Education (*U.S. Department of Education*)

2. Submitted, but not Funded, External Grants and Contracts: N/A

3. Funded Internal Grants ($29,156):
SWT Merrick Funds. "Americorps and Aquarena wetlands restoration and trail improvements." $10,000 (CoPI, 1997)
Faculty Research Enhancement Grant. "Investigation of the population genetics of two endangered plant species (*Abronia macrocarpa* and *Frankenia johnstonii*) using isozyme electrophoresis." $5,426 (PI, 1995)
Research Enhancement Grant. "Reproductive biology of *Frankenia johnstonii* (Frankeniaceae)." $5,280 (PI, 1991)
Research Enhancement Grant. "Reproductive biology of *Physostegia*." $4,500 (1990)
Faculty Organized Research Grant. "The changing female wardrobe: evolution from gymnospermy to angiospermy." $3,950 (CoPI, 1988)

D. Scholarly / Creative Fellowships, Awards, Honors:
CoSE 2024 Big Spender Award, TXST College of Science and Engineering, 2025
CoSE 2024 Research Millionaire Award, TXST College of Science and Engineering, 2024
Elected Fellow of Texas Academy of Science, 1992

IV. SERVICE (*denotes current service)
A. Institutional:
1. University
<u>Societies</u>
*Co-sponsor, Alpha Chi National College Honor Society, 2010-present
Co-advisor, Associated Student Government Graduate House, 2005-2014

Advisor, Beta Beta Beta Biological Honor Society, 1990-2005
Co-advisor, Alpha Chi National Honor Society, 1989-1999

University Committee Service
Faculty Development Postdoctoral Scholar Subcommittee, 2024-2025
Excelencia in Education Leadership Institute TXST Team Member, 2023-2024
Faculty Development Mid-career Subcommittee, 2022-2025
Director IDEA Center Search Committee, Chair 2021
University Performing Arts Committee, 2020-2023
Jacobs Advisory Committee, 2019-2022
Faculty Development Advisory Committee, 2018-2025
Council of Funded Research, 2018-Present
Diversity and Gender Studies Advisory Committee, 2006-2022
Presidential Award for Excellence in Scholarly/Creative Activities Committee, 2016-2022
Quality Enhancement Plan Development Task Force, 2019-2021
Associate Dean of the Graduate College Search Committee, 2021
Continuity of Research Work Group, 2020
Visualizing Research Award Selection Committee, The Graduate College, 2020
Faculty Hearing Tribunal, 2019
Graduate College Outstanding Dissertation Award Committee, 2019
Presidential Award for Excellence in Service Committee, 2017-2018
Library Committee, 2015-2018
Alkek Online Resource Grants Selection Committee, 2016, 2017
Institutional Effectiveness Council, 2013-2014
Executive Research Plan Committee, 2012-2013
Hispanic-Serving Institution Research Symposium Planning Committee. 2013
Task Force on Recruiting Texas State Email Account Owners as Research or Class Project Participants, 2012
Legal Studies Advisory Board, 2008-2014
Committee to Review Presidential Faculty Research Leaves, 2008-2013
Program Director, Texas State Summer Predoctoral Fellowship Program, 2008-2013
SACS Quality Enhancement Plan Task Force, 2008-2010
Texas State Public Relations Strategic Task Force, 2010
Assistant Dean of the Graduate College Search Committee, Chair, 2008
Project to Identify Impediments to Email Effectiveness, 2008
Extended & Distance Learning Steering Committee, 2006-2014
Common Experience Selection Committee, 2006
Service Award Selection Committee, 2005-2007
Dean, College of Science Search Committee, 2004-2005
Honors Scholarship Committee, 2004 and 2005
Honors Committee, 2004-2006
Honors Director Search Committee, 2004
Tenure and Promotion Policy Review Committee, 2004-2005
University College Assistant Dean Ad-Hoc Search Committee, 2003
Service-Learning Committee, 2002-2007
Transportation and Parking Committee, 2000-2009
University College Assistant Dean Ad-Hoc Search Committee, 2000
Aquarena Coordinating Committee, 1999-2002
Faculty Advancement Advisory Committee, 1998-2000

Freshman Academic Success Team (FAST), 1998
Faculty Research Committee, 1997-2000
Learning Experience Team (LET) Committee, 1997-1998
University Lectures Committee, 1996-1999, Chair, 1999
Governance Committee, Center for Nature and Heritage Tourism, 1996-2001
School of Science Dean Search Committee, 1996-1997
Presidential Award for Excellence in Teaching Selection Committee, 1994-1996
Teaching Excellence Initiative, 1994
University Interscholastic League Science Contest Director, 1992, 1993

University Workshops Presented
Teaching at TXST for New College of Science and Engineering Faculty, Texas State, fall 2022, 2023.
Designing Open Book/Open Note Multiple Choice Exams. Professional Development Workshop, Texas State, spring 2021.
The Faculty Role in Guiding Students through the Thesis/Dissertation Process. Professional Development Workshop, Texas State, fall 2011.
Building Productive Mentoring Relationships with Graduate Students. Professional Development Workshop, Texas State, fall 2010.
The Role of Academic Advisors in Promoting Graduate Study as a Career Path. 13th Annual Academic Advisors Conference, Texas State, fall 2010.
Building Productive Mentoring Relationships with Master's Students. Professional Development Workshop, Texas State, fall 2008.
The Faculty Role in Guiding Students through the Thesis/Dissertation Process. Professional Development Workshop, Texas State, fall 2007.
Thesis/Dissertation Workshop for Graduate Students. Graduate College, Texas State, presented each semester spring 2007 - spring 2014.

2. College:
*Co-Chair CoSE 60th Anniversary Planning Committee, 2025-present
CoSE Associate Dean for Research Search Committee, 2025
Semiconductor Search Committee, 2024-2025
Co-Chair CoSE Postdoctoral Working Group, 2023-2025
Director College of Science and Engineering ASPIRE (Aspiring Sophomores Participating in Research Experiences) program, 2022-2023
Bruce and Gloria Ingram Chair in Engineering Search Committee, 2022-2023
Ingram Endowed Chair in Engineering Search Committee, 2015-2016
Chair of Biology Search Committee, Chair, 2005-2006
College of Science Research Advisory Committee, Chair, 1997-2000
SWT Staff Development Program. "Strategic Partnerships: Networking for Career Advancement, Promotion and Tenure." Panel Member Representing the School of Science, 1995
School of Science Advisory Group on General Studies, 1994
SWT Representative, Encouraging Women in the Mathematical and Natural Sciences Symposium, University of Texas, 1990

3. Department/School:
*Biology Picnic Planning Committee, 2025-present
Biology Chair Search Committee, Chair, 2024-2025

Biology Chair Search Committee, 2023-2024
Meadows Endowed Professor in Aquatic Resources Search Committee, 2024
Meadows Endowed Professor in Ecohydrology Search Committee, 2022-2023
*Mentoring Committee, Co-chair, for Carrie Jo Bucklin, 2023-present
Wildlife Ecology Search Committee, Chair 2023
Wildlife Biology Lecturer Search Committee 2022
Meadows Endowed Professor in Ecohydrology Search Committee, 2021-2023
Lecturer / Senior Lecturer Evaluation PC Subcommittee, 2015-2022
Mentoring Committee for Sarah Fritts, 2017-2021
Aquatic/Wetlands Plant Ecologist Search Committee, 2018-2019
Mentoring Committee for Kristy Daniel, 2016-2017
Biology Education Search Committee, Chair, 2014-2015
Departmental Liaison to the Faculty Senate, 2014-2015
Stream Ecologist Search Committee, 2013-2014
Development Committee, 2006-2008
Wildlife Ecologist Search Committee, 2004-2005
Developmental Biologist Search Committee, 2004-2005
Quantitative Ecologist Search Committee, 2004
Developmental Biologist Search Committee, Chair, 2004
Ph.D. Steering Committee, 2003
Landscape Ecologist Search Committee, 2003
Biostats Search Committee, 2002
Performance and Merit Teaching Committee, 2002-2003, Chair, 2004
Performance and Merit Service Committee, 2000, Chair, 2001
Ichthyologist Search Committee, 2000-2001
Departmental Executive Committee, 1999-2004
Chuck Nash Aquatic Studies Scholarship Committee, Chair, 1999-2002
Aquatic Director Search Committee, 1999-2000
Genetics Search Committee, Chair, 1999-2000
Performance and Merit Teaching Committee, Chair, 1999
Post Tenure Review Committee, 1999
SACS Review Committee, 1998-1999
Greenhouse Committee, 1997-2006, Chair, 1997-2004
Graduate Committee, 1997-2005, Chair, 2004-2005
Howard D. Schulze Biology Scholarship Selection Committee, 1997-2003
Colloquium Committee, Chair, 1997-2001
Molecular Systematist Search Committee, 1997-1999, Chair, 1997-1998
Physiologist Search Committee, 1997-1998
Outstanding Student Award Committee, Chair, 1997
Vertebrate Physiologist Search Committee, 1997
Awards Day Committee, 1996-1997
Departmental Direction Committee, 1996
Freshman Biology Committee, 1995
Population Biologist Search Committee, 1993
Biology 1310 Textbook Committee, 1993, Chair, 1993-1994
Seminar Committee, 1991-2000
Development of Teaching Gardens at the SWT Biology Greenhouses, 1991-1992
Biology Lab Safety Committee, 1989

Biology Scholarly Activity Committee, 1988-1990

B. Professional:

Offices held in Professional Societies

*Board of Governors, Southwestern Association of Naturalists, 1991-Present
President Region I, Alpha Chi National College Honor Society, 2018-2020
Vice-president Region I, Alpha Chi National College Honor Society, 2016-2018
Executive Committee, Conference of Southern Graduate Schools, 2011-2014
Immediate Past-president, Southwestern Association of Naturalists, 2003-2005
President, Southwestern Association of Naturalists, 2001-2003
President-Elect, Southwestern Association of Naturalists, 1999-2001
Institutional Representative, Society for Ecological Restoration, 1999
Program Chairman and Executive Council Member, Texas Society for Electron Microscopy, 1993-1994
State Membership Coordinator, American Association of Botanical Gardens and Arboreta, 1993.
Program Chairman Elect and Executive Council Member, Texas Society for Electron Microscopy, 1992-1993
Chair, Botany Section, Texas Academy of Science, 1992-1993
Vice-Chair, Botany Section, Texas Academy of Science, 1991-1992
Treasurer, Southwestern Association of Naturalists, 1991-1999
Board of Directors, International Water Lily Society, 1990-1998
Treasurer, International Water Lily Society, 1990-1997

Professional Society Committees

*Honors Committee, Southwestern Association of Naturalists, 2010-Present
Local Host Committee for 2018 Southwestern Association of Naturalists annual meeting, Co-Chair, 2016-2018
Wilks Award Selection Committee, Southwestern Association of Naturalists, 2011.
Audit Committee, Conference of Southern Graduate Schools, 2008-2012, Chair 2009-2012
Conservation Committee, Botanical Society of America, 2005-2008
Research Selection Committee, International Water Lily and Water Gardening Society, 2005, 2007
Honors Committee, Southwestern Association of Naturalists, 2003-2005
Local Annual Meeting Committee, Southwestern Association of Naturalists, 2003-2004
Institutional Representative, Botanical Society of America, 2000
Institutional Representative, Society for Ecological Restoration, 1999
Student Poster Award Committee, Chair, Southwestern Association of Naturalists, 1999-2001
Wilks Award Committee, Chair, Southwestern Association of Naturalists, 1999-2001
Botanical Concerns Ad Hoc Committee, Southwestern Association of Naturalists, 1996-2001
Assessment of Dues Ad Hoc Committee, Southwestern Association of Naturalists, 1996-1997
Disposition of Back Issues Ad Hoc Committee, Southwestern Association of Naturalists, 1994-1999
Systematics Agenda 2000: Committee for Public Education, 1992
Development Committee Ex-Officio Member, Southwestern Association of Naturalists, 1991-1999
University and College Gardens Committee, American Association of Botanical Gardens and Arboreta, 1991-1992
Research Committee, International Water Lily Society, 1990-1999
Local Host Committee, Texas Academy of Science, 1989-1990

National Professional Service

U.S. Fish and Wildlife Service *Leavenworthia texana* Species Status Assessment working group,

2021-2022
Appointed by the United States Department of the Interior to serve on the Navasota ladies'-tresses Recovery Team tasked to develop a recovery plan for this endangered species, 2003-2009

Other External Professional Service
Grant reviewer for the National Geographic Society
Presenter "Next Steps: Planning a Grad School Event to Help Transition Your University's Undergrads" Chapter Strengthening Session, Alpha Chi National College Honor Society National Convention, Chicago, Illinois, 2015
Presenter "#IsGradSchool4Me", Chapter Strengthening Workshop, Alpha Chi National College Honor Society National Convention. St. Louis, Missouri, 2014
Judge for Alpha Chi Honor Society National Convention student presentation awards, 2014
Reviewer for Alpha Chi Honor Society Region I student scholarships, 2014, 2015, 2016
Grant reviewer for Texas Academy of Science student research grants, 2013
Eternal program reviewer of Biology graduate programs at Northeastern Illinois University, 2010
Leader for Tabletop Session on "Vireo-Electronic Thesis Dissertation Submission", Association of Texas Graduate Schools annual meeting, Edinburg, Texas, 2010
University of Texas-Pan American Faculty Excellence Award Selection Committee, 2009
Leader for Tabletop Session on "Pathways to Diversity", Conference of Southern Graduate Schools annual meeting, Norfolk, Virginia, 2009
External program reviewer of Biology programs at Texas A&M University-Corpus Christi, 2007
Moderator of Paper Sessions for: Alpha Chi National College Honor Society, Southwestern Association of Naturalists, Texas Academy of Science, Texas Society for Electron Microscopy, Women and Gender Research Collaborative
Reviewed manuscripts for: American Journal of Botany, Journal of Arid Environments, Journal of Systematics and Evolution, Journal of the Torrey Botanical Society, Madroño, Southwestern Naturalist, Water Garden Journal, Western North American Naturalist
Associate Editor for "Biology and Ecology of Rare Plants of the Southwest" symposium papers

C. Community:
Guest lecturer for the Comal County Master Gardeners, 2008
Guest lecturer for the Comal County Master Gardeners, 2002
Field trip leader for the Native Plant Society annual meeting, 2001
Field trip leader and guest lecturer for the Hays County Master Naturalists, 2001
Invited Speaker. "Big Bugs Series." National Wildflower Research Center, 1997
Invited Speaker. "The Wetlands Project." SWT School of Science Homecoming Event, 1997
Invited Speaker. "SWT Wetlands Project." San Marcos River Foundation, 1997
Wetlands Project Display Pond with Boardwalk, 1997
Wetlands Project Exhibit at Aquarena Gift Shop, 1996
Aquarena Open House for Texas Teachers - Wetlands Exhibit, 1996
Invited Speaker. "SWT Wetlands Project." San Marcos Chamber of Commerce, 1996
Invited Speaker. "SWT Wetlands Project" presentation made to the Mayor's Blue Ribbon Committee on Tourism Development, 1996
Invited Speaker. "Pollination biology." National Wildflower Research Center, 1995
SWT Day. "Tour of Biology Greenhouses for 8th Graders, 1994
"Rainforests." Guest Speaker for Gifted Student Program, Travis Elementary, 1994
Tour of SWT Natural Science Center. SWT Parent's Association, 1993
"Structural Features of Aquatic Plants." Program for North Shore Middle School, 1992
"Women in Science." Program for San Marcos Girl Scout Troops, 1992

Research Project Symposium. Botany Science Fair Projects for Owen Goodnight Junior High, 1991
NASA Tomato Seed Space Project. Research Program for Owen Goodnight Junior High, 1990

D. Organizational Memberships: Southwestern Association of Naturalists; National Association of Biology Teachers

E. Service Honors and Awards:
College of Science and Engineering, TXST, Student Success Champion Award, 2025
Distinguished Service Award, Alpha Chi National College Honor Society, 2024
Texas State Excellence in Diversity Nominee, 2010, 2011
Texas State Quality Team Award, 2010
Southwestern Association of Naturalists Meritorious Service Award, 2009
Texas State University Presidential Award for Excellence in Service, ($5,000), 2005
College of Science Finalist for the Presidential Award for Excellence in Service, ($2,000), 2001
Featured in the exhibit honoring Southwest Texas Women: The First Hundred Years, 2000
Meritorious Service Award Alpha Chi National Honor Society Texas Iota Chapter, 1999