

## Abbreviated Curriculum Vitae - Kerry L Griffis-Kyle

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## Education

Ph.D. Biology: Syracuse University 2005, Ecology emphasis  
M.S. Forestry: Northern Arizona University 1999, Wildlife Ecology emphasis  
B.S. Wildlife Ecology: University of Florida 1994, Minor Zoology

## Professional Experience

2024 to current. Professor, Department of Natural Resources Management, Texas Tech University  
2019 to current. Graduate Advisor, Professional Science Masters Track in Ecological Sustainability and Natural Resources Management – Natural Resources Management Track  
2014 to 2024. Associate Professor, Department of Natural Resources Management, Texas Tech University  
2014 to 2019. Director, Professional Science Masters Track in Ecological Sustainability and Natural Resources Management – Natural Resources Management Track  
2008 to 2014. Assistant Professor, Department of Natural Resources Management, Texas Tech University  
2009 to 2012. Associate Editor, Herpetological Review  
2008 to 2015. Adjunct Faculty and Graduate Faculty, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University  
2005 to 2008. Postdoctoral Research Fellow, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University  
2001 to 2005. Graduate Research Assistant, Department of Biology, Syracuse University  
2000 to 2001. Graduate Research Assistant, Ecology Program, Utah State University  
1996 to 1999. Graduate Research Assistant, Department of Forestry, Northern Arizona University

## Peer Reviewed Publications

- Sutor, S., N.E. McIntyre, K. Griffis-Kyle. 2024. Vegetation cover, topography, and low-traffic roads influence Sonoran desert tortoise (*Gopherus morafkai*) movement and habitat selection. *Movement Ecology* 12(1):68. doi: 10.1186/s40462-024-00503-8.
- Roth, S.A., K.L. Griffis-Kyle, M.A. Barnes. 2024. *Batrachochytrium dendrobatidis* in the arid and thermally extreme Sonoran Desert. *EcoHealth* 20:370-380. <https://doi.org/10.1007/s10393-023-01668-1>
- Emert, A.D., K.L. Griffis-Kyle, C. Portillo-Quintero; P.N. Smith. 2024. Validation and dispersion modeling of beef cattle feedlot PM10 and PM2.5 emissions factors via USEPA CALPUFF. *Atmospheric Environment* 316: 120189. <https://doi.org/10.1016/j.atmosenv.2023.120189>
- Sutor, S., N.E. McIntyre, K. Griffis-Kyle. 2023. Characterizing range-wide impacts of anthropogenic barriers on structural landscape connectivity for the Sonoran desert tortoise (*Gopherus morafkai*). *Landscape Ecology* <https://doi.org/10.1007/s10980-023-01649-3>.
- Emert, A., K. Griffis-Kyle. 2023. Water chemistry of playa wetlands in the Southern High Plains region of Texas from May - August 2019, Dryad, Dataset, <https://doi.org/10.5061/dryad.6djh9w16b>
- Emert, A., S. Subbiah, F.B. Green, K.L. Griffis-Kyle, P.N. Smith. 2023. Atmospheric transport of particulate matter and particulate-bound agrochemicals from beef cattle feedlots: Human health implications for downwind agricultural communities. *Science of the Total Environment* 894: 164678. <https://doi.org/10.1016/j.scitotenv.2023.164678>.
- Ansley, R.J, V. H. Rivera-Monroy, K.L. Griffis-Kyle, B. Hoagland, A. Emert, T. Fagen, S.R. Loss, H.R. McCarthy, N.G. Smith, E.F. Waring. 2023. Assessing impacts of climate change on selected foundation species and ecosystem services in the South-Central USA. *Ecosphere* 14(2): e4412. <https://doi.org/10.1002/ecs2.4412>
- Emert, A., S. Subbiah, F.B. Green, K.L. Griffis-Kyle, P.N. Smith. 2023. Atmospheric deposition of particulate matter from beef cattle feedlots is a likely contributor of pyrethroid occurrence in isolated wetland sediment: source apportionment and ecological risk assessment. *Environmental Pollution* 316: e120493. <https://doi.org/10.1016/j.envpol.2022.120493>
- Griffis-Kyle, K.L., K. LeVering, A. Vega, C.A. Perez, A. Barun, G. Perry. 2022. Reproductive niche differentiation in syntopic tropical tree frogs (*Agalychnis*). *Biotropica* 55:19-23 <https://doi.org/10.1111/btp.13162>
- Griffis-Kyle, Kerry; Perry, Gad; Vega, Andres (2022), *Agalychnis callidryas* and *A. spurrelli* egg masses, Dryad, Dataset, <https://doi.org/10.5061/dryad.v41ns1s07>
- Gary, D., K. Mougey, N.E. McIntyre, K.L. Griffis-Kyle. 2022. Species as conservation umbrellas: a case study with lesser prairie-chicken (*Tympanuchus pallidicinctus*) in the southern Great Plains of North America. *Global Ecology and Conservation*, e02256. <https://doi.org/10.1016/j.gecco.2022.e02256>

- Griffis-Kyle, Kerry; McIntyre, Nancy; Gary, Demi; Mougey, Krista (2022), Species as conservation umbrellas: a case study with lesser prairie-chicken (*Tympanuchus pallidicinctus*) in the southern Great Plains of North America, Dryad, Dataset, <https://doi.org/10.5061/dryad.9w0vt4bht>
- Griffis-Kyle, K.L., K. Mougey, S. Swain, J. Drake, M. Vanlandeghem. 2021. Qualitative species vulnerability: Model sensitivity to climate and spatial parameters. *Climate Services* 22: article 100217. DOI10.1016/j.cliser.2021.100217
- Mejia, M.F., K.L. Griffis-Kyle. 2020. Diversity in the natural resource workforce. *Texas Journal of Science* 72(1): Article 8. [https://doi.org/10.32011/txjsoci\\_72\\_1\\_Article8](https://doi.org/10.32011/txjsoci_72_1_Article8)
- Griffis-Kyle, K.L., A.E. Parker, J. Goetting. 2019. Novel temporary aquatic habitats and desert invertebrate communities. *Texas Journal of Science*. 71: (1) Article 5. [https://doi.org/10.32011/txjsoci\\_71\\_1\\_Article5](https://doi.org/10.32011/txjsoci_71_1_Article5)
- Gary, D., K. Mougey, N.E. McIntyre, K.L. Griffis-Kyle. 2019. Identification of hotspots of at-risk terrestrial vertebrate species in the south-central Great Plains of North America: A tool to inform and address regional-scale conservation. *Journal for Nature Conservation* 50: Article 125684. <https://doi.org/10.1016/j.jnc.2019.01.002>
- Griffis-Kyle, K.L., K. Mougey, M. Vanlandeghem, S. Swain, J. Drake. 2018. Comparison of climate vulnerability among desert herpetofauna. *Biological Conservation* 255: 164-175. DOI: 10.1016/j.biocon.2018.06.009
- Kiesow, A.B., and K.L. Griffis-Kyle. 2017. Desert amphibian selection of arid land breeding habitat undermines reproductive effort. *Oecologia* 185: 619-627. doi: 10.1007/s00442-017-3969-2
- Drake, J., K.L. Griffis-Kyle, N.E. McIntyre. 2017. Graph theory as an invasive species management tool: Case study in the Sonoran Desert. *Landscape Ecology* 32: 1739-1752. doi:10.1007/s10980-017-0539-2
- Ramesh, R., G. Perry, M. Farmer, K.L. Griffis-Kyle. 2017. Limited data used to make valid inference about targeting sites for conservation: A case study in urban amphibian ecology. *Herpetological Review* 48:1-5
- Drake, J.C., K.L. Griffis-Kyle, N.E. McIntyre. 2017. Using nested connectivity models to resolve management conflicts of isolated water networks in the Sonoran Desert. *Ecosphere* 8(1), e01652. doi: 10.1002/ecs2.1652
- Griffis-Kyle, K.L. 2016. Physiology and ecology to inform climate adaptation strategies for desert amphibians. *Herpetological Conservation and Biology* 11: 563-582. [http://www.herpconbio.org/Volume\\_11/Issue\\_3/Griffis-Kyle\\_2016.pdf](http://www.herpconbio.org/Volume_11/Issue_3/Griffis-Kyle_2016.pdf)
- McIntyre, N.E, J.C. Drake, and K.L. Griffis-Kyle. 2016. A connectivity and wildlife management conflict in isolated desert waters. *Journal of Wildlife Management* 80:655-666. doi: 10.1002/jwmg.1059

- Drake, J.C., Jenness, J.S., Goetting, J., Griffis-Kyle, K.L. 2015. Testing a model for the prediction of isolated water sites in the Sonoran Desert. *Journal of Arid Environments* 118:1-8. doi:10.1016/j.jaridenv.2015.02.018
- Griffis-Kyle, K.L., J. Kovatch, C. Bradatan. 2014. Water quality: a hidden danger in anthropogenic desert catchments. *Wildlife Society Bulletin* 38:148-151. doi: 10.1002/wsb.358
- Boeing, W.J., Griffis-Kyle K.L., Jungels J.M. 2014. Anuran habitat associations in the northern Chihuahuan Desert, USA. *Journal of Herpetology* 48:103-110. doi: <http://dx.doi.org/10.1670/12-184>
- Navarrete, L. and K.L. Griffis-Kyle. 2014. Effects of wind farms on Sandhill Crane playa occupancy on the Texas High Plains. In: D.A. Aborn and R.P. Urbanek (Eds.) pp. 20-26. *Proceedings of the Twelfth North American Crane Workshop*. North American Crane Working Group. <http://www.nacwg.org/Proceedings%2012.pdf>
- Navarrete, L. and K.L. Griffis-Kyle. 2014. Sandhill Crane collisions with wind turbines in the southern High Plains of Texas. In: D.A. Aborn and R.P. Urbanek (Eds.) pp. 65-67. *Proceedings of the Twelfth North American Crane Workshop*. North American Crane Working Group. <http://www.nacwg.org/Proceedings%2012.pdf>
- Hellmann, J., J. Dzurisin, T. Wright, D. Cieslak, S. Pecoraro, K. Smith, K. Hayhoe, and K. Griffis-Kyle. 2013. Mosquitoes of Eastern North America: data to reveal long-term and nationwide patterns of occurrence. *Ecology* 94(6): 1433-1433. doi: 10.1890/12-1336.1
- Ramesh, R., A. Lord, K.L. Griffis-Kyle, G. Perry, D. Hamilton, S. Shalika. 2013. Amphibian populations in Brazos River Basin, Texas, show no evidence of Bd infection. *Herpetological Review* 44(3):461-464
- Kissner, J.A. and K.L. Griffis-Kyle. 2013. Straight from the ungulates mouth: A technique for protecting data-loggers. *Herpetological Review* 44:432-434
- Ramesh, R., K. Griffis-Kyle, G. Perry, and M. Farmer. 2012. Urban amphibians of the Texas Panhandle: Baseline inventory and habitat associations in a drought year. *Reptiles & Amphibians* 19(4):243–253
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. *Pseudacris clarkii* (Spotted Chorus Frog). USA, New Mexico. *Herpetological Review* 43(1): 8
- Griffis-Kyle, K.L., S.C. Kyle, and J.M. Jungels. 2011. Use of breeding sites by arid-land toads in rangelands: landscape level factors. *The Southwestern Naturalist* 56(2): 252-255. <https://doi.org/10.1894/N02-GC-212.1>
- Jungels, J.M., K.L. Griffis-Kyle, and W.J. Boeing. 2010. Low genetic differentiation among populations of the Great Plains toad (*Bufo cognatus*) in south-central New Mexico. *Copeia* 2010(3):388-396. doi: 10.1643/CH-09-152

- Griffis-Kyle, K.L. and L.M. Navarrete. 2010. *Bufo debilis* (green toad) mortality at a breeding site. *Herpetological Review* 41(3):334
- Griffis-Kyle, K.L. 2009. *Bufo debilis* (green toad) breeding habitat selection. *Herpetological Review* 40:199-200
- Griffis-Kyle, K.L. and M.E. Ritchie. 2007. Amphibian survival, growth and development in response to mineral nitrogen exposure and predator cues in the field: an experimental approach. *Oecologia* 152:633-642. doi: 10.1007/s00442-007-0686-2
- Griffis-Kyle, K.L. 2007. Sublethal effects of nitrite on tiger salamander (*Ambystoma tigrinum tigrinum*) and wood frog (*Rana sylvatica*) embryos and larvae: implications for field populations. *Aquatic Ecology* 41:119-127. doi: 10.1007/s10452-006-9047-1
- Griffis-Kyle, K.L. 2005. Ontogenic delays in effects of nitrite exposure on tiger salamanders (*Ambystoma tigrinum tigrinum*) and wood frogs (*Rana sylvatica*). *Environmental Toxicology and Chemistry* 24(6):1523-1527. doi: 10.1897/04-452R.1
- Griffis-Kyle, K.L. and P. Beier. 2005. Migratory strategy and seasonal patterns of bird diversity in relation to forest habitat. *American Midland Naturalist* 153:436-443. doi: 10.1674/0003-0031(2005)153[0436:MSASPO]2.0.CO;2
- Griffis-Kyle, K.L. and P. Beier. 2003. Small isolated aspen stands enrich bird communities in southwestern ponderosa pine forests. *Biological Conservation* 110:375-385. doi: 10.1016/S0006-3207(02)00237-9
- Griffis, K.L., J. Crawford, M.R. Wagner, and W. Moir. 2001. Understory response to management treatments in northern Arizona ponderosa pine forests. *Forest Ecology and Management* 146(1-3):239-245. doi: 10.1016/S0378-1127(00)00461-8
- Griffis, K.L., S.S. Mann, and M.R. Wagner 2001. The suitability of butterflies as indicators of ecosystem condition: a comparison of butterfly diversity across stand treatments in northern Arizona. pp 125-135 in: C. van Riper, K.A. Thomas, and M.A. Stuart (Editors). 5th Biennial Conference of Research on the Colorado Plateau, Conference Proceedings. Report Series USGSFRES/COPL/2001/24

## Other Journal Publications

- Quinones, B., Z. Patton, J. Murgatroyd, S. Hamilton, S. Moses, A. Herrera, E. Hernandez, C.A. Perez, A. Vega, G. Perry, and K.L. Griffis-Kyle. 2019. The adventure of a lifetime: getting friendly with Costa Rican herps. *IRCF Reptiles and Amphibians* 26(1):85-97.  
<https://doi.org/10.17161/randa.v26i1.14358>

## Keynotes, Invited Seminars, Workshops, and Lectures

- Griffis-Kyle K.L. 2025. Let's talk toad: Water and climate change in the Sonoran Desert. April 25, New Mexico State University, Las Cruces, New Mexico.
- Griffis-Kyle K.L. 2024. "Skype a Scientist" Water, Toads, and Climate in the Sonoran Desert. Sonoran Science Academy. September 27. Online presentation and discussion.
- Griffis-Kyle K.L. 2024. Desert migrations. Guest Speaker Art 5360, Texas Tech University.
- Griffis-Kyle K.L. 2024. "Skype a Scientist" Axolotl Ecology and Conservation. Girl Scouts of Iowa. January 5. Online presentation and discussion
- Griffis-Kyle, K.L. 2023. Plenary: Water and Wildlife. Second Annual Department of Natural Resources Management Research Day. Texas Tech University. April 21, Lubbock, Texas.
- Griffis-Kyle K.L. 2023. Sonoran Desert: Climate change, water, and wildlife. Science by the Glass. Texas Tech Climate Science Center. Jan 24. Online presentation and discussion
- Griffis-Kyle K.L. 2023. "Skype a Scientist" Desert amphibians and Climate Change. River Eves Elementary School, Roswell, Georgia. Oct 13. Online presentation and discussion
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2022. From movements to models: Using Sonoran desert tortoise movements to map landscape connectivity. Turtle Survival Alliance 20th Annual Symposium 2022. August 11, Phoenix, Arizona
- Roth S., K.L. Griffis-Kyle, and M.A. Barnes. 2021. *Batrachochytrium dendrobatidis* in unexpected places. Chiricahua Leopard Frog Recovery Task Force Meeting. Nov, Phoenix, AZ.
- Griffis-Kyle K.L. 2021. "Skype a Scientist" Desert water management and biodiversity. AP Environmental Science & Biology, Governor's STEM & Technology Academy. Landstown High School. Oct 20, Virginia Beach, Virginia.
- Griffis-Kyle K.L. 2020. Online invited lecture: Biodiversity, ecosystem services, and extinction. <https://www.youtube.com/watch?v=b-40wgFBamQ&t=1189s>. Centro Universitário Dinâmica das Cataratas, Foz do Iguaçu, Brazil.
- Griffis-Kyle K.L. 2019. Workshop: Managing arid and semi-arid wetlands for wildlife. Gerenciamento de áreas úmidas áridas e semi-áridas para a vida selvagem. Centro Universitário Dinâmica das Cataratas. Nov 3-9, Foz do Iguaçu, Brazil.
- Griffis-Kyle K.L. 2019. Climate change and wetlands. Alterações climáticas e zonas húmidas. Centro Universitário Dinâmica das Cataratas. Nov 3-9, Foz do Iguaçu, Brazil.
- Griffis-Kyle, K.L. 2017. Keynote: Climate change and nature centers: How you can make a difference. Association of Nature Center Administrators Regional Meeting. Chihuahuan Desert Research Center. Feb 16-17, Fort Davis, Texas.
- Griffis-Kyle, K.L. 2016. Wetland restoration and ecosystem services. LARC 4302/5302 Advanced Environmental Planning for Sustainable Development, Texas Tech University. Oct., Lubbock Texas.
- Griffis-Kyle, K.L. 2016. Connections between physiology, wildlife management, and landscape connectivity: status of Desert LCC funded projects. Desert Landscape Conservation Cooperative Steering Committee Meeting. July 7-8, Flagstaff, Arizona.

- Griffis-Kyle, K.L. 2015. Your pathway to a career in natural resources. Presentation and tour given to SACNAS sponsored tour of campus by community colleges. Lubbock, Texas.
- Griffis-Kyle, K.L. 2014. Desert wetlands and climate: Victims of good intentions? Texas Tech Climate Science Center Seminar Series. May 6, Lubbock, Texas.
- Griffis-Kyle, K.L. 2014. Climate and desert amphibian physiology: a resource for planning adaptation strategies. Desert Landscape Conservation Cooperative Webinar Series. January 22, 2014. <https://www.youtube.com/watch?v=iviL6cwSju0>.
- Griffis-Kyle, K.L. 2014. Workshop: Planning for wetland invasives and pathogens. Workshop on wetland management in desert zones. Planificación para las especies invasoras y patógenos de los humedales. Taller Manejo de Humedales en Zonas Desérticas, Cuatro Ciénegas. Hosted by Pronatura Noreste. Cuatro Ciénegas, Coahuila, Mexico.
- Griffis-Kyle, K.L. 2014. Climate change and desert wetlands: what does it mean for wildlife? Workshop on wetland management in desert zones. El cambio climático y los humedales del desierto: ¿qué significa para la vida silvestre? Taller Manejo de Humedales en Zonas Desérticas, Cuatro Ciénegas. Hosted by Pronatura Noreste. Cuatro Ciénegas. Coahuila, Mexico.
- Griffis-Kyle, K.L. 2014. Workshop: Decontamination of field equipment and vehicles. La descontaminación de los equipos de campo y vehículos. Taller Manejo de Humedales en Zonas Desérticas, Cuatro Ciénegas. Hosted by Pronatura Noreste. Cuatro Ciénegas. Coahuila, Mexico.
- Griffis-Kyle, K.L. 2012. Water, drought, climate, and the potential impacts on migrants and illegal immigrants in the desert Southwest. Society for Environmental Journalists. Lubbock, Texas.
- Griffis-Kyle, K.L. 2011. Climate change and competition in desert wetlands: a perfect storm. Proposal Development TIPS Program. Texas Tech University. Lubbock, Texas.
- Griffis-Kyle, K.L. 2008. Shifting threats: amphibian responses to toxic and trophic stresses. Department of Biology, University of Puerto Rico. Mayaguez, Puerto Rico.
- Griffis-Kyle, K.L. 2008. Mineral nitrogen in aquatic environments: effects on amphibians. U.S. Environmental Protection Agency and the Oak Ridge Institute for Research and Education. Cincinnati, Ohio.
- Griffis-Kyle, K.L. 2007. Range condition, water developments, and arid-land amphibians. Department of Natural Resources Management, Texas Tech University. Lubbock, Texas.
- Griffis-Kyle, K.L. 2006. Conservation of wildlife in managed ecosystems: agriculture, amphibians and the terrestrial aquatic interface. Department of Fisheries and Wildlife Sciences, North Carolina State University. Raleigh, North Carolina.
- Griffis-Kyle, K.L. 2005. The effects of mineral nitrogen on embryonic and larval amphibians. Department of Fishery and Wildlife Sciences Seminar Series, New Mexico State University. Las Cruces, New Mexico.
- Griffis-Kyle, K.L. 2005. Nonpoint source pollution and amphibians in ephemeral pools. WERC: A Consortium for Environmental Education and Technology Development, Summer Academy 2005. New Mexico State University. Ruidoso, New Mexico.

- Griffis-Kyle, K.L. 2004. Nitrogen and amphibians. BIO1107 Anoka-Ramsey Community College. Cambridge, Minnesota.
- Griffis-Kyle, K.L. 2004. Effects of mineral nitrogen on amphibians: potential applications to K-12 classrooms. University of Minnesota, Sharing Environmental Education Knowledge (SEEK). Bethel, Minnesota.
- Griffis-Kyle, K.L. 2003. Nitrogen non-point source pollution and amphibians: effects on populations and interspecific relationships. Yale University Ecology Group. Yale University, New Haven, Connecticut.
- Griffis-Kyle, K.L. 1997. Aspen and avian communities in the Southwest. Northern Arizona University, FOR311. Flagstaff, Arizona.
- Griffis-Kyle, K.L. 1998. Southwestern avian communities in pinyon-juniper and ponderosa pine habitat types. The Diablo Trust. Winslow, Arizona.
- Griffis-Kyle, K.L. 1998. Bird communities in small aspen stands in the Southwest. Southwestern Audubon Society. Sedona, Arizona.

## Panels

2024. Inclusive Field Safety Panel. The Wildlife Society's 31<sup>st</sup> Annual Conference. October, Baltimore, Maryland.
2023. Learning Assistant Classroom Implementation: Panel. The Learning Assistant Implementation Faculty Workshop. Teaching, Learning, and Professional Development Center, Texas Tech University. May 23-24, Lubbock, Texas
2022. Parenthood in the field - challenges and advice for raising your own brood: Panel. The Wildlife Society's 29<sup>th</sup> Annual Conference. Nov 6-10, Spokane, Washington.
2016. Online Graduate Degrees in CASNR: Professional Science Master's as a multidisciplinary program at Texas Tech: Benefits and challenges. College of Agricultural Sciences and Natural Resources Faculty Retreat, Aug., Lubbock, Texas.
2016. The importance of water resources in a changing climate: Panel discussion. Texas Tech Climate Science Center. Lubbock Texas.
2010. Getting your first job and surviving your first year: Panel. Teaching Learning and Technology Center. Texas Tech University. Lubbock, Texas.

## Professional Presentations

- Richardson, A, KL Griffis-Kyle. 2025. Occupancy of the Sonoran desert tortoise in the border region. Texas Tech University Department of Natural Resources Management Research Day. April 28, 2025, Lubbock, Texas.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2025. Sex and Vegetation Cover Drive Home Range Size for Sonoran Desert Tortoises in Southern Arizona. The 50<sup>th</sup> Annual Desert Tortoise Council Symposium. February 28, Las Vegas, Nevada. Oral presentation. ***(Joint winner for first place in Student Paper Competition)***

- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2025. Factors affecting Home Range Size of Sonoran Desert Tortoises in Southern Arizona. Texas Tech Annual Biological Sciences Symposium. February 22, Lubbock, Texas. Oral presentation. **(Joint winner of first place for Overall Best Presentation category)**
- Richardson, A, KL Griffis-Kyle. 2024. Biodiversity and Use of Culverts in Organ Pipe Cactus National Monument. 8th Annual Tri-National Sonoran Symposium. March 04, Ajo, Arizona.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Examining Landscape-Scale Connectivity and Habitat Use for the Sonoran Desert Tortoise. International Association for Landscape Ecology - North America 2024 Annual Meeting. April 03, Oklahoma City, Oklahoma. **Winner of first place for Best Student Presentation category**
- Richardson, A, KL Griffis-Kyle. 2024. Biodiversity and Use of Culverts in Organ Pipe Cactus National Monument. Texas Tech University Natural Resources Management, Research day. April 24, Lubbock, Texas.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Roads and Natural Landscape Features Influence Movement Behavior and Habitat Selection of an Imperiled Tortoise. Texas Tech University Department of Natural Resources Management Graduate Student Research Day. April 24, Lubbock, Texas. **Winner of first place for Three Minute Thesis Competition**
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Drivers of Home Range Size of Sonoran Desert Tortoises in Southern Arizona. The Wildlife Society 31st Annual Conference. October 21, Baltimore, Maryland.
- Richardson, A, KL Griffis-Kyle. 2024. Occupancy of the Sonoran desert tortoise in the border region. The Wildlife Society 31st Annual Conference. October 21, Baltimore, Maryland.
- King, E., S. Roth, S., K. Griffis-Kyle, M.A. Barnes. 2024. Presence of Batrachochytrium dendrobatidis (Bd) on amphibians and in environmental samples in west Texas. Texas Academy of Science 127<sup>th</sup> Annual Meeting. Roth, S. M.A. Barnes, K.L. Griffis-Kyle. 2024. Evaluating predictors of tadpole occurrence for an amphibian in a dynamic desert system, Texas Tech NRM Research Day, April 2024. **Third place award for best poster**
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Identifying Solutions to Local and Landscape-Scale Connectivity Loss for the Sonoran Desert Tortoise. Texas Tech Annual Biological Sciences Symposium. February 10, Lubbock, Texas. **Winner of first place for Overall Best Presentation category**
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Vegetation Cover, Topography, and Low-Traffic Roads influence Habitat Use and Movement of Sonoran Desert Tortoises. The 49th Annual Desert Tortoise Council Symposium. February 20, Las Vegas, Nevada. (Winner of first place for Student Paper Competition)
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Topography, Vegetation, and Roads Influence Habitat Use of Sonoran Desert Tortoises. 8th Annual Tri-National Sonoran Symposium. March 07, Ajo, Arizona.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Examining Landscape-Scale Connectivity and Habitat Use for the Sonoran Desert Tortoise. International Association for Landscape Ecology - North

- America 2024 Annual Meeting. April 03, Oklahoma City, Oklahoma. **Winner of first place for Best Student Presentation category**
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2024. Roads and Natural Landscape Features Influence Movement Behavior and Habitat Selection of an Imperiled Tortoise. Texas Tech University Department of Natural Resources Management Graduate Student Research Day. April 24, Lubbock, Texas. (Winner of first place for Three Minute Thesis Competition)
- Bayes, K., K.L. Griffis-Kyle. 2024. Assessing adult habitat selection and natal habitat quality, Texas Tech NRM Research Day, April 2024. **Third place award for best presentation**
- Roth, S., K.L. Griffis-Kyle, M.A. Barnes. 2024. *Batrachochytrium dendrobatidis* in the Sonoran Desert, EPA Pacific Southwest Meeting, April 2024.
- Roth, S., M.A. Barnes, K.L. Griffis-Kyle. 2024. Evaluating patterns of occurrence and reproduction for the red-spotted toad in a dynamic desert system, Tri-National Sonoran Symposium, March 2024.
- Bayes, K, KL Griffis-Kyle 2024. Tadpole habitat quality is impacted by water chemistry. 8th Annual Tri-National Sonoran Symposium. Ajo Arizona, March 4.
- Roth, S, MA Barnes, KL Griffis-Kyle. 2024. Breeding site selection for the red-spotted toad in a dynamic desert system, Texas Academy of Science, March 2024.
- Bayes, K, K.L Griffis-Kyle 2023. Assessing natal habitat quality through amphibian body condition. The Wildlife Society National Conference. Louisville, Kentucky, November 2023.
- Bayes, K, KL Griffis-Kyle 2024. Tadpole habitat quality is impacted by water chemistry. 8th Annual Tri-National Sonoran Symposium. Ajo Arizona, March 4.
- Roth, S, MA Barnes, KL Griffis-Kyle. 2023. Constructed Sonoran Desert wildlife waters do not support amphibian breeding during drought, The Wildlife Society Annual Meeting, November 2023.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2023. Using movement models to understand habitat selection and movement of Sonoran desert tortoises. The Wildlife Society 30th Annual Conference. November 8, Louisville, Kentucky.
- Roth, S., M.A. Barnes, K.L. Griffis-Kyle. 2023. Primary drought mitigation strategy for desert wildlife does not support an amphibian breeding during drought, South Central Climate Adaptation Science Center Annual Science Meeting, November 2023.
- Roth, S., M.A. Barnes, K.L. Griffis-Kyle. 2023. Constructed Sonoran Desert wildlife waters do not support an amphibian breeding during drought, Texas Tech University Davis College Poster Competition, September 2023. **Winner of Best Graduate Student Poster.**
- Emert, A. Griffis-Kyle, K., Green, F.B., Smith, P.N. 2023. Atmospheric transport of particulate-bound insecticides and endectocides >12 km downwind of beef cattle feedlots [Poster]. Texas Tech University Graduate School Poster Competition.
- Roth, S., M.A. Barnes, K. Griffis-Kyle. Constructed Sonoran Desert wildlife waters do not support amphibian breeding during drought. Poster presentation. Texas Tech University Natural Resources Management Research Day. April 2023.

- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2023. Selection on the move: landscape characteristics influence resource selection and movement behavior of Sonoran desert tortoises. The 48<sup>th</sup> Annual Desert Tortoise Council Symposium. February 24, online symposium presentation.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2023. Using Movement Models to Map Landscape Connectivity for the Sonoran Desert Tortoise (*Gopherus morafkai*). International Association for Landscape Ecology - North America 2023 Annual Meeting. March 20, Riverside, California.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2023. Using Movement Models to Understand Habitat Selection and Movement of Sonoran Desert Tortoises (*Gopherus morafkai*) in a Rapidly Changing Landscape. Texas Tech Annual Biological Sciences Symposium. April 1, Lubbock, Texas. (*Winner of first place for Overall Best Presentation category*)
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2023. Using Movement Models to Identify Opportunities to Manage Landscape Connectivity for the Sonoran Desert Tortoise. Texas Tech University Department of Natural Resources Management Graduate Student Research Day Poster Session. April 21, Lubbock, Texas. (*Winner of third place for Student Poster Competition*)
- Roth S., K.L. Griffis-Kyle, and M.A. Barnes 2022. Batrachochytrium dendrobatidis (Bd) persists in the Sonoran Desert despite temperature and hydrologic conditions that exceeds its known physiological tolerances. Global Amphibian and Reptile Disease Conference. Nashville, Tennessee, August.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2022. Comparing methods for estimating landscape resistance to predict Sonoran desert tortoise movements. International Association for Landscape Ecology - North America Annual Meeting. Online symposium presentation, April 13.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2022. Evaluating connectivity model predictions using Sonoran desert tortoise movements. The 47th Annual Desert Tortoise Council Symposium. Online symposium presentation, February 18.
- Martin, B., and K. L. Griffis-Kyle. 2022. Topographic setting of Sonoran desert tortoises in the border region. Texas Tech University NRM Research Day. Lubbock Texas, April.
- Sutor, S, NE McIntyre, KL Griffis-Kyle. 2022. Predicting Tortoise Movement Through the Landscape: Using High-Resolution GPS Data to Inform Landscape Connectivity Models. Texas Tech University Department of Natural Resources Management Graduate Student Research Day. April 29, online symposium presentation. (*Winner of second place for Three Minute Thesis Competition*)
- Martin, B., and K.L. Griffis-Kyle. 2022. Topographic Setting of Sonoran Desert Tortoises in the Border Region. 7th Trinational Sonoran Desert Symposium. Ajo Arizona, March 8.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2022. Identifying barriers to tortoise movement: using high-resolution GPS data to inform connectivity models. 7th Annual Tri-National Sonoran Symposium. Ajo Arizona, March 8.
- Roth, S., K.L. Griffis-Kyle, and M.A. Barnes. 2022. An unexpected amphibian pathogen in the Sonoran Desert. 7th Annual Tri-National Sonoran Symposium. Ajo Arizona, March 8.

- Roth, S., K. Griffis-Kyle, M.A. Barnes. 2022. The wildlife pathogen *Batrachochytrium dendrobatidis* (Bd) unexpectedly persists in hot deserts beyond its predicted range. Texas Tech University Davis College Poster Competition. Lubbock, Texas, September.
- Roth S., K.L. Griffis-Kyle, and M.A. Barnes. 2021. Presence of the amphibian pathogen *Batrachochytrium dendrobatidis* in a hot desert environment that exceeds its physiological tolerances. Texas Academy of Science Annual Meeting. Online presentation, February.
- Roth S., K.L. Griffis-Kyle, and M.A. Barnes. 2021. The amphibian pathogen *Batrachochytrium dendrobatidis* in Sonoran Desert environments exceeding known physiological tolerances. The Wildlife Society Joint Annual Arizona and New Mexico Meeting. Online presentation, February.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2021. Landscape connectivity for Sonoran desert tortoises (*Gopherus morafkai*) in the United States-Mexico Border Region. The Wildlife Society Joint Annual AZ/NM Meeting. Online symposium presentation, February 5.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2021. Estimating reductions in landscape connectivity for Sonoran desert tortoises (*Gopherus morafkai*) in the United States-Mexico border region. The 46th Annual Desert Tortoise Council Symposium. Online symposium presentation, February 11. (Winner of second place for Student Paper Competition)
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2021. Estimating reductions in landscape connectivity for Sonoran desert tortoises (*Gopherus morafkai*) in the United States-Mexico border region. The 20th Texas Tech University Annual Graduate Student Research Poster Competition. Online poster presentation, March 11.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2021. estimating reductions in landscape connectivity for Sonoran desert tortoises (*Gopherus morafkai*) in the United States-Mexico Border Region. International Association for Landscape Ecology - North America 2021 Annual Meeting. Online presentation, April 12.
- Roth S., K.L. Griffis-Kyle, and M.A. Barnes. 2020. Presence of *Batrachochytrium dendrobatidis* in isolated Sonoran Desert waters. Ecological Society of America Annual Meeting. Online presentation, August.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2020. Exploring connectivity between habitat patches to identify conservation priority areas for Sonoran desert tortoise populations. The Wildlife Society 27th Annual Conference, Spatial Ecology and Telemetry Working Group Special Poster Session. Louisville, Kentucky, September 27-October 1. (First place spatial ecology poster competition)
- Griffis-Kyle, K.L. 2020. Isolated desert waters, wildlife, and refining water management. Celebrating the Sonoran Desert: 6th Tri-National Symposium. Ajo, Arizona, March 9-12.
- Roth, S., M.A. Barnes, K.L. Griffis-Kyle. 2020. Presence of an amphibian pathogen in isolated waters of the Sonoran Desert. Celebrating the Sonoran Desert: 6th Tri-National Symposium. Ajo, Arizona, March 9-12.
- Sutor, S., N.E. McIntyre, K.L. Griffis-Kyle. 2020. Exploring connectivity between habitat patches as a tool for better managing Sonoran Desert tortoise populations: Connectivity analysis of

- border travel paths to protect sensitive resources. Celebrating the Sonoran Desert: 6th Tri-National Symposium. Ajo, Arizona, March 9-12.
- Martin, B., and K.L. Griffis-Kyle. 2020. The Rawls Course and urban lagomorphs: Recommendations to reduce wildlife damage. Texas Tech University Undergraduate Research Conference. Lubbock, Texas, March. [https://www.depts.ttu.edu/true/undergraduate-research-conference/2020/poster-files/Poster\\_martin.pdf](https://www.depts.ttu.edu/true/undergraduate-research-conference/2020/poster-files/Poster_martin.pdf)
- Vedolich, K., K.L. Griffis-Kyle. 2018. Weather patterns and vegetation structure effect the spatial distribution of small mammals in a Lubbock, Texas rangeland site. The Wildlife Society's 25th Annual Conference. Cleveland, Ohio, October 7-11.
- Griffis-Kyle, K.L., A. Vega; K. LeVering; C.A. Perez; A. Barun; G. Perry. 2018. reproductive niche partitioning and embryonic mortality in sympatric tree frogs in a tropical wetland. The Wildlife Society's 25th Annual Conference. Cleveland, Ohio, October 7-11.
- Griffis-Kyle, K.L., N.E. McIntyre, J. Calvert, J. Drake., A. Kiesow. 2018. The role of wetland habitat quality in evaluating functional connectivity for desert amphibians. International Aridlands Conference. Lubbock, Texas, August 13-18.
- Drake, J.C., N.E. McIntyre, K.L. Griffis-Kyle. 2018. Landscape connectivity and isolation: The management of waters for wildlife in the Sonoran Desert. International Aridlands Conference. Lubbock, Texas August 13-18.
- Goetting J., A. Alvidrez, and K. Griffis-Kyle. 2018. Large mammal site selection of water in the Sonoran Desert. International Aridlands Conference. Lubbock, Texas August 13-18.
- Drake, J.C., Jenness, J.S., Goetting, J., Griffis-Kyle, K.L. 2018. Testing a model for the prediction of isolated water sites in the Sonoran desert. International Aridlands Conference. Lubbock, Texas August 13-18.
- Griffis-Kyle, K.L., K. Mougey, S. Swain, M. Van Landeghem, J. Drake. 2018. Vulnerability analyses to prioritize species for management: Case study using desert herpetofauna. 5th Tri-National Sonoran Desert Symposium. Ajo, Arizona, March 5-8.
- Vedolich, K. and K.L. Griffis-Kyle. 2018. Weather patterns and vegetation structure affect small mammal assemblage structure in a Lubbock, Texas rangeland site. 9th Texas Tech Annual Biological Symposium in Lubbock, Texas. April 6-7.
- Griffis-Kyle, K.L., A.E. Parker. 2018. Novel aquatic habitats change natural selection and ecosystem function in Sonoran Desert invertebrate communities. 2018 Joint Annual Meeting of the Arizona and New Mexico Chapters of The Wildlife Society & American Fisheries Society. Flagstaff, Arizona, February 1-3.
- Vedolich, K. and K.L. Griffis-Kyle. 2018. Weather patterns and vegetation structure affect the spatial distribution of small mammals in a Lubbock, Texas rangeland site. Texas Chapter of the Wildlife Society Annual Meeting. Dallas, Texas, February 8-10.
- Drake, J., N.E. McIntyre, K.L. Griffis-Kyle. 2017. Nested connectivity models to resolve management conflicts and promote climate change resilience. The Wildlife Society's 24th Annual Conference. Albuquerque, New Mexico, September 23-27.

- Mejia, M.F., K.L. Griffis-Kyle. 2017. Motivations of professionals and students to pursue a career in natural resources in Texas. The Wildlife Society's 24th Annual Conference. Albuquerque, New Mexico, September 23-27.
- Griffis-Kyle, K.L., K. Mougey, S. Swain, M. Vanlandeghem, J. Drake, S. Kahl. 2017. Modeling qualitative vulnerability of desert amphibians and reptiles to climate change. The Wildlife Society's 24th Annual Conference. Albuquerque, New Mexico, September 23-27.
- Gary, D., N McIntyre, K.L. Griffis-Kyle. 2017. Examining the southern Great Plains for hotspots of at-risk species and assessing efficacy of a decision support tool. The Wildlife Society's 24th Annual Conference. Albuquerque, New Mexico, September 23-27.
- Drake, J., K. Mougey, M. Vanlandeghem, S. Swain, S. Kahl, K.L. Griffis-Kyle. 2017. Too hot at any scale: Vulnerability of common desert reptiles and amphibians to climate change. US Regional Association of the International Association for Landscape Ecology's 2017 Annual Meeting, Baltimore, Maryland, April 9-13.
- Mejia, M.F., K.L. Griffis-Kyle. 2017. Motivations of professionals and students to pursue a career in natural resources in Texas. Texas Chapter of the Wildlife Society Annual Meeting. San Antonio, Texas February 16-18.
- Mougey, K., M. Vanlandeghem, S. Kahl, K. Griffis-Kyle. 2016. Vulnerability of desert reptiles and amphibians to climate change. National Climate Science Centers Student and Early Career Training. Northeast Climate Science Center. University of Massachusetts, Amherst. November 2-3.
- Drake, J.C., N.E. McIntyre, K.L. Griffis-Kyle. 2016. Landscape connectivity and isolation: The management of waters for wildlife in the Sonoran Desert. Western Landscape Conservation Cooperatives and Southwest Climate Science Center Joint Meeting. Asilomar, California, October 25-28.
- Kiesow, A.B., K.L. Griffis-Kyle. 2016. Desert amphibian selection of arid land breeding habitat may undermine reproductive effort. International Conference on Ecological Sciences. Marseille, France October 24-26.
- Gary, D., K.L. Griffis-Kyle. 2016. Examining the southern Great Plains for hotspots of at-risk species and assessing efficacy of a decision support tool. The Wildlife Society's 23rd Annual Conference. Raleigh, North Carolina, October 15-19.
- McIntyre, N.E., Drake, J.C., Griffis-Kyle, K.L. 2016. Impacts of temporary and permanent isolated water resources in the Sonoran Desert on connectivity, isolation, and wildlife management strategies: an example of transient connectivity. US Regional Association of the International Association for Landscape Ecology's 2016 Annual Meeting, Asheville, North Carolina.
- McIntyre, N.E., Drake, J.C., Griffis-Kyle, K.L. 2016. Transient connectivity windows: Impacts of temporary and permanent isolated water resources in the Sonoran Desert on connectivity, isolation, and wildlife management strategies. 49th Joint Annual Meeting of the Arizona/New Mexico Chapters of the Wildlife Society and the Arizona/New Mexico Chapters of the American Fisheries Society, Flagstaff, Arizona, February.

- White, R. and K.L. Griffis-Kyle. 2016. Relative abundance of small mammals at McGillivray and Leona McKie Muse Wildlife Management Area, Brown County, Texas. Texas Tech University Undergraduate Research Symposium, Lubbock, Texas.
- Griffis-Kyle, K.L., N. McIntyre, J. Calvert, J. Drake, A. Kiesow. 2016. Desert amphibians making questionable choices: Breeding habitat quality and landscape connectivity in the Sonoran Desert, 4th Tri-National Sonoran Desert Symposium, Ajo, AZ.
- Drake, J.C., N.E. McIntyre, K.L. Griffis-Kyle. 2016. The Past, present, and future of isolated water site connectivity in the Sonoran Desert and a framework for maintaining biodiversity. 4th Tri-National Symposium of the Sonoran Desert, Ajo, Arizona.
- McIntyre, N.E., J.C. Drake, K.L. Griffis-Kyle. 2015. Transient connectivity windows: Impacts of temporary and permanent isolated water resources in the Sonoran Desert on connectivity, isolation, and wildlife management strategies. 49th Joint Annual Meeting of the Arizona/New Mexico Chapters of the Wildlife Society and the Arizona/New Mexico Chapters of the American Fisheries Society, Flagstaff, Arizona.
- Drake, J.C., N.E. McIntyre, K.L. Griffis-Kyle. 2015. Using nested frameworks for maintaining biodiversity of aquatic resources in the Sonoran Desert. International Association for Landscape Ecology's 2015 World Congress, Portland, Oregon.
- Griffis-Kyle, K.L., N.E. McIntyre, J. Calvert, J. Drake, A. Kiesow. 2015. The role of wetland habitat quality in evaluating functional connectivity for desert amphibians. Organized Symposium. 100th Annual Meeting of the Ecological Society of America. Minneapolis, Minnesota. Baltimore, Maryland.
- Drake, J.C., McIntyre, N.E., Griffis-Kyle, K.L. 2015. From bighorns to bullfrogs: connectivity of aquatic resources in the Sonoran Desert landscape. 6th Texas Tech Annual Biological Symposium in Lubbock, Texas.
- Stacy, K. and K.L. Griffis-Kyle. 2015. Food chain structure of urban lakes and playas of the Southern High Plains: A proposal. 6th Texas Tech Annual Biological Symposium in Lubbock, Texas.
- Drake, J.C., McIntyre, N.E., Griffis-Kyle, K.L. 2015. Connectivity and isolation in the management of aquatic resources in the Sonoran Desert. 48th Joint Annual Meeting of the Arizona and New Mexico Chapters of The Wildlife Society and American Fisheries Society. Las Cruces, New Mexico.
- Calvert J., A. Alvidrez, and K. Griffis-Kyle. 2015. Assessing site and climatic factors that influence large mammal water site use with camera-traps. Paper. 48th Joint Annual Meeting of the New Mexico and Arizona Chapters of The Wildlife Society and American Fisheries Society. Las Cruces, New Mexico.
- Griffis-Kyle, K.L. and N. McIntyre. 2014. Wetland management and climate in an arid environment: A connectivity and habitat quality dilemma. The Wildlife Society's 21st Annual Conference. Pittsburgh, Pennsylvania.
- Calvert J., A. Alvidrez, and K. Griffis-Kyle. 2014. Large mammal site selection of water in the Sonoran Desert. The Wildlife Society's 21st Annual Conference. Pittsburgh, Pennsylvania.
- Goetting, J.M., and K.L. Griffis-Kyle. 2014. Predator and prey use of water sites in the Sonoran Desert. Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas.

- Goetting, J.M., and K.L. Griffis-Kyle. 2014. Predator and prey use of water sites in the Sonoran Desert. Texas Society of Mammologists Meeting. Junction, Texas.
- Drake, J.C., McIntyre, N.E., Griffis-Kyle, K.L. 2014. Connectivity and isolation in the management of aquatic resources in the Sonoran Desert. 21st Annual Conference of The Wildlife Society. Pittsburgh, Pennsylvania.
- Mejia, M., and K.L. Griffis-Kyle. 2014. The road to success: perceptions of careers in natural resources and factors influencing retention. Poster presented at Texas Cooperative Fish and Wildlife Research Unit 25th Anniversary Meeting. Lubbock, Texas.
- Drake, J.C., Jenness, J.S., Goetting, J., Griffis-Kyle, K.L. 2014. Testing a model for the prediction of isolated water sites in the Sonoran desert. 25th TX Cooperative F&W Research Unit Meeting. Lubbock, Texas.
- Mejia, M., and K.L. Griffis-Kyle. 2014. The road to success: perceptions of careers in natural resources and factors influencing retention. Black Graduate Student Association 2nd Annual Research Symposium Theme: Changing the Face of The Academy - Diversity in Action, Lubbock, Texas.
- Griffis-Kyle, K.L. and N. McIntyre. 2014. Cross-scale linkages among wetland management and climate: A connectivity and habitat quality conflict. US Regional Association of the International Association for Landscape Ecology 2014 Annual Symposium: Cumulative Impacts and Landscape Initiatives: A Sustainability Check During Climate Change. Anchorage, Alaska.
- Goetting, J., and K.L. Griffis-Kyle. 2014. Predator and prey use of water sites in the Sonoran Desert. Texas Tech Annual Biological Sciences Symposium. Texas Tech University. Lubbock, Texas.
- Drake, J., J. Jenness, J. Goetting, and K.L. Griffis-Kyle. 2014. Testing a model for the prediction of isolated water sites in the Sonoran Desert. Texas Tech Annual Biological Sciences Symposium. Texas Tech University, Lubbock, Texas.
- Mejia, M., T. Arsuffi, and K.L. Griffis-Kyle. 2014. The road to success: perceptions of careers in natural resources and factors influencing retention. Texas Tech Annual Biological Sciences Symposium. Texas Tech University, Lubbock, Texas.
- Young, K., S. Kahl, M. Farmer, and K.L. Griffis-Kyle. 2014. Human dimensions of urban water body usage in Lubbock, Texas. Texas Tech Annual Biological Sciences Symposium. Texas Tech University, Lubbock, Texas.
- Young, K., S. Kahl, M. Farmer, and K.L. Griffis-Kyle. 2014. Human dimensions of urban water body use in Lubbock, Texas. Texas Chapter of the Wildlife Society, Austin, Texas.
- Eckhardt A. and K.L. Griffis-Kyle. 2013. Biodiversity of invertebrates in the Sonoran Desert. Texas Tech University Undergraduate Research Conference. Lubbock, Texas.
- Griffis-Kyle, K.L. 2013. Ecological traps for amphibians in Sonoran Desert constructed wildlife waters. 2013 Joint Meeting of Ichthyologists and Herpetologists. Albuquerque, New Mexico.
- Eckhardt, A. and K.L. Griffis-Kyle. 2013. Biodiversity of macroinvertebrates in Sonoran Desert wildlife waters. 98th Annual Meeting of the Ecological Society of America. Minneapolis, Minnesota.

- Griffis-Kyle, K.L. 2013. Amphibians and odonates in Sonoran Desert wildlife waters: issues of habitat quality. 98th Annual Meeting of the Ecological Society of America. Minneapolis, Minnesota.
- Griffis-Kyle, K.L., J. Goetting, J. Drake, J. Arnett. 2013. Sonoran Desert amphibians and isolated waters: Cause for concern. The Wildlife Society's 20th Annual Conference in Milwaukee, Wisconsin.
- Ramesh, R., K.L. Griffis-Kyle, and G. Perry. 2012. An amphibian's dilemma: wetland site selection and community assemblages in an urbanized setting. Texas Chapter of The Wildlife Society Annual Meeting. Fort Worth, Texas. (3rd place student poster).
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. Amphibian ecology and habitat use in northeastern New Mexico in a drought year. Texas Chapter of The Wildlife Society Annual Meeting. Fort Worth, Texas.
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. Climate chaos: amphibian community ecology during a drought in northeastern New Mexico. Texas Tech University Annual Graduate Student Research Poster Competition. Lubbock, Texas.
- Ramesh, R., K.L. Griffis-Kyle, and G. Perry. 2012. An amphibian's dilemma: wetland site selection and community assemblages in an urbanized setting. Texas Tech University Association of Biologists Annual Meeting. Lubbock, Texas.
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. The song of the frog: southern High Plains amphibian community ecology during a drought. Texas Tech University Association of Biologists Annual Meeting. Lubbock, Texas.
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. Equipment protection in rangelands of the southern Great Plains. World Congress of Herpetology. University of British Columbia. Vancouver, Canada.
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. Testing the effects of pH and temperature on anuran survival in the southern Great Plains. World Congress of Herpetology. University of British Columbia. Vancouver, Canada.
- Ramesh, R., K.L. Griffis-Kyle, G. Perry, and M. Farmer. 2012. Double jeopardy: urban pressures and droughts set stage for evaluation of amphibian distribution in a city on the Plains. World Congress of Herpetology. University of British Columbia. Vancouver, Canada.
- Kissner, J.A. and K.L. Griffis-Kyle. 2012. Silent spring (and summer): amphibian community ecology during a drought in the southern High Plains. The Wildlife Society 19th Annual Conference. Portland, Oregon.
- Ramesh, R., G. Perry, K.L. Griffis-Kyle. 2012. Urban perils. Factors influencing amphibian species occurrences and wetland site selection in an urbanized setting. The Wildlife Society 19th Annual Conference. Portland, Oregon.
- Griffis-Kyle, K.L., J. Goetting, J. Drake, J. Arnett. 2012. Wildlife waters for amphibian conservation in the Sonoran Desert, USA. The Wildlife Society 19th Annual Conference. Portland. Oregon.
- Ramesh, R., K. Griffis-Kyle, G. Perry, and M. Farmer. 2012. Making the best of drought years - Urban anuran management in a city on the Southern High Plains. Oral Presentation, Texas Herpetological Society 2012 Fall Symposium. Oct, Lubbock, Texas.

- Ramesh, R., K. L. Griffis-Kyle, and G. Perry. 2012. An amphibian's dilemma: Wetland site selection and community assemblages in an urbanized setting. Agricultural Consortium of Texas conference Research Symposium. Lubbock, Texas.
- Griffis-Kyle, K.L. and J. Jenness. 2011. Landscape connectivity: Evaluation of four methods for estimating least-cost paths for desert anurans. 96th Annual Ecological Society of America Meeting. Austin, Texas.
- Navarrete, L., and K.L. Griffis-Kyle. 2011. Effects of wind farms on wintering Sandhill Cranes in the High Plains of Texas. 12th North American Crane Workshop. Grand Island, Nebraska. (Best Student Paper Award).
- Boeing, W.J., J.M. Jungels, and K.L. Griffis-Kyle. 2010. Low genetic differentiation among populations of the Great Plains Toad (*Bufo cognatus*) in southern New Mexico. Chihuahuan Desert Conference: A Desert Without Borders. El Paso, Texas.
- Kovatch, J.J. and Griffis-Kyle, K.L. 2010. Effect of increased seasonal temperature on the reproductive success of desert toads using short-term ephemeral pools. American Physiological Society Intersociety Meeting: Global Change and Global Science: Comparative Physiology in a Changing World. Westminster, Colorado.
- Kovatch, J.J. and Griffis-Kyle, K.L. 2010. Effect of increased seasonal temperature on the reproductive success of desert toads using short-term ephemeral pools. 95th Annual Ecological Society of America Meeting. Pittsburgh, Pennsylvania.
- Navarrete, L., K. Wagner, and K. Griffis-Kyle. 2010. Effects of wind farms on wintering Sandhill Cranes in the southern high plains of Texas. Texas Tech University 9th Annual Graduate Student Research Poster Competition. Lubbock, Texas. (First place student presentation).
- Navarrete, L., K. Wagner, and K. Griffis-Kyle. 2010. Effects of wind farms on wintering Sandhill Cranes in the southern high plains of Texas. SACNAS: Advancing Hispanics/Chicanos and Native Americans in Science. Southwestern Regional Conference. Lubbock, Texas. (First place student poster presentation).
- Griffis-Kyle, K.L. and S.C. Kyle. 2010. Amphibian breeding site selection in arid rangelands: implications landscape-level management. The Texas Wildlife Society 2010 Annual Meeting. Galveston, Texas.
- Griffis-Kyle, K.L. and S.C. Kyle. 2009. Amphibian breeding site selection in arid rangelands: implications landscape-level management. The Wildlife Society 16th Annual Conference. Monterey, California.
- Griffis-Kyle, K.L. and S.C. Kyle. 2009. Cows for conservation? A landscape level analysis of arid land amphibian breeding site selection. 94th Annual Meeting of the Ecological Society of America. Albuquerque, New Mexico.
- Griffis-Kyle, K.L. 2008. The effects of grazing and grazing management on amphibian reproduction in an arid system. Managed Ecosystems Program Project Director's Meeting, National Research Initiative, USDA-CSREES. Madison Wisconsin.
- Griffis-Kyle, K.L. and S.C. Kyle. 2008. Livestock tanks as useful tools for amphibian conservation in arid southwestern grasslands. Second Annual Southwestern Partners in Amphibian and Reptile Conservation Meeting. Austin, Texas.

- Griffis-Kyle, K.L. and M E Ritchie. 2007. Amphibians and their response to nitrogen exposure and predator cues in the field: an experimental approach. The Wildlife Society 14th Annual Conference. Tucson, Arizona.
- Griffis-Kyle, K.L. 2007. Anurans in semi-arid grasslands: effects of habitat on species assemblages at breeding sites. Joint Symposium on Long-Term Ecological Research Programs in New Mexico, 17th Annual Symposium. Las Cruces, New Mexico.
- Prather, J.W., S.S. Rosenstock, B.G. Dickson, K.L. Griffis-Kyle, W.M. Block, C.L. Chambers, T.D. Sisk, Y. Xu, and H.M. Hampton. 2005. Modeling the influence of forest structure and composition on avian communities in northern Arizona ponderosa pine forests. The 123rd Annual Meeting of the American Ornithologists' Union, Santa Barbara, California.
- Griffis-Kyle, K.L. 2004. Field nitrogen manipulations affect amphibian hatching and survival. 89th Annual Meeting of the Ecological Society of America. Portland, Oregon.
- Griffis-Kyle, K.L., M.E. Ritchie. 2004. Can nitrogen reduce hatching and survival in amphibians under field conditions? Cedar Creek Natural History Area Research Symposium, University of Minnesota 2004. Bethel, Minnesota.
- Griffis-Kyle, K.L. 2003. Nitrogen and amphibians: should we be concerned? 2003 Thornfield Research Symposium, Syracuse University. Syracuse, New York.
- Griffis-Kyle, K.L. 2003. Hatching and early larval survival of amphibians in response to inorganic nitrogen. 88th Annual Meeting of the Ecological Society of America. Savannah, Georgia.
- Griffis-Kyle, K.L. 2003. Inorganic nitrogen's effects on amphibians: expanding research on the effects of nitrogen at Cedar Creek Natural History Area, LTER. Cedar Creek Natural History Area Research Symposium, University of Minnesota 2003. Bethel, Minnesota.
- Griffis-Kyle, K.L. and M.E. Ritchie. 2002. The effects of agricultural fields on larval eastern tiger salamanders (*Ambystoma tigrinum tigrinum*): preliminary results. 87th Annual Meeting of the Ecological Society of America. Tucson, Arizona.
- Griffis-Kyle, K.L. and M.E. Ritchie. 2002. Nitrogen: a suspect in the mortality of a North American frog. Cedar Creek Natural History Area Research Symposium, University of Minnesota 2002. Bethel, Minnesota.
- Griffis, K.L., J. Crawford, M.R. Wagner, W. Moir. 1999. Understory diversity in ponderosa pine forest stands of various management histories in northern Arizona. 5th Biennial Conference of Research on the Colorado Plateau. Flagstaff, Arizona.
- Wagner, M.R., K.L. Griffis, S.S. Mann. 1999. Butterfly abundance and diversity in managed and unmanaged ponderosa pine forests on the Colorado Plateau. 5th Biennial Conference of Research on the Colorado Plateau. Flagstaff, Arizona.
- Griffis K.L. and P. Beier. 1998. Bird diversity in small aspen stands in northern Arizona. Southwestern Wildlife Society Meetings, Sierra Vista, Arizona.

## Research Support

2025-2026. National Park Service. Tinajas: Wildlife Connectivity in a Changing Environment.

2019-2025. Department of Interior. A Proposal to Host the Department of the Interior's South-Central Climate Science Center-2nd Phase

2023-2024. National Park Service. Monitoring and occupancy of the Sonoran desert tortoise.

2019-2023. Luke Air Force Base, Department of Defense. BMGR East Management Support for BMGR

2021. National Park Service. Establishing a monitoring protocol for the Sonoran desert tortoise.

2020 & 2021. Arizona Game and Fish Department. Purchase and donation of four VHF transmitters for Sonoran desert tortoise.

2019-2020. National Park Service. Connectivity Analysis of Border Roads to Protect Sensitive Natural Resources.

2019. Rawls Golf Course at TTU. Support for graduate student evaluation of urban wildlife.

2018. Colorado State University subaward Desert wildlife waters and amphibians.

2016. Texas Tech Proposal Support Program. Synergistic links between ecological traps and climate change in metapopulation dynamics: the keystone role of arid wetlands.

2016. Playa Lakes Joint Venture ConocoPhillips Grant. Human dimensions of playa conservation planning in the Texas panhandle.

2016. Department of Interior, USGS. Understanding the role of Muleshoe National Wildlife Refuge to Sandhill Crane (*Grus canadensis*) overwinter habitat in context of landscape suitability due to climate change.

2015-2018. Department of Defense, Kirtland Air Force Base. Management, wetlands/floodplain, Coyote Springs salt cedar removal and restoration for natural resources, Kirtland AFB, Albuquerque, NM.

2015. Western Association of Fish and Wildlife Agencies. Assessment of landscape conservation success for non-target species at risk.

2015. U.S. Fish and Wildlife Service. Understanding the role of Muleshoe National Wildlife Refuge to Sandhill Crane (*Grus canadensis*) overwinter habitat in context of landscape suitability due to climate change.

2015. Desert Landscape Conservation Cooperative; US Fish and Wildlife Service, CMQ4. Sensitivity and vulnerability of desert amphibians and reptiles to climate change: Qualitative, mechanistic and classical species distribution models.

2014. Texas Parks and Wildlife Department. Addressing threats to landscape sustainability: wintering and migrating Sandhill Cranes landscape use and requirements in the southern High Plains.

2014. U.S. Bureau of Reclamation WaterSMART Program. Landscape connectivity of isolated waters in the Sonoran Desert for wildlife.

2014. Desert Landscape Conservation Cooperative, US Fish and Wildlife Service. Climate adaptation strategies for desert amphibians: paper and web modules.

2011. Luke Air Force Base, Department of Defense. Amphibian and insect biodiversity in created wetlands of the USAF, BMGR-E.

- 2010-2012. New Mexico Game and Fish. Share With Wildlife. Evaluation of Great Plains narrowmouth toad habitat in northeastern New Mexico.
2010. Luke Air Force Base, Department of Defense. Amphibian and insect biodiversity in created wetlands of the USAF, BMGR-E.
2006. United States Department of Agriculture, National Research Initiative. Effects of Grazing and Grazing Management on Amphibian Reproduction.
2004. National Science Foundation Doctoral Dissertation Improvement Grant. Dissertation Research: Amphibians and Mineralized Nitrogen: Hidden Jeopardy?
2001. Declining Amphibian Populations Task Force Start-up Grant. The Effects of Nonpoint Source Agricultural Pollutants on the Predator-Prey Interactions of an Aquatic Predatory Amphibian.

## Teaching Experience (Texas Tech only)

### Undergraduate:

- NRM 3307 Conservation Science, 2025-current
- NRM 2307 Diversity of Life, 2009-2025
- NRM 3407 Vegetation and Wildlife Inventory and Analysis Techniques, 2010-2023
- NRM 4301 Tropical Avian Ecology, 2015, 2017 (study abroad in Costa Rica
- NRM 2301 Introductory Wildlife, 2008-2009
- NRM 4310 Principles of Waterfowl Management, 2010
- NRM 4407 Wildlife Investigational Techniques, 2010

### Graduate

- NRM 5307 Wetland Ecology, 2009-current odd years
- NRM 5321 Wetland Policy and Management (Distance) 2025 to current
- NRM 5347 Advanced Conservation Science, 2025-current
- NRM 5316 Waterfowl Ecology, 2010

## Postdoctoral Research Associates

- Krista Mougey 2016. Herpetofauna vulnerability assessments and the influence of climate data in the modeling process. Department of Natural Resources Management. Texas Tech University.
- Matt Vanlandeghem 2015-2016. Sensitivity and vulnerability of desert reptiles and amphibians to climate change. Department of Natural Resources Management. Texas Tech University.

## Graduate Students Advised

### Traditional Graduate Students

- Sadie Roth Ph.D. Anticipated graduation Fall 2026. Landscape genetics of amphibian populations and their diseases. Department of Natural Resources Management. Texas Tech University.
- Amelia Richardson M.S. 2025. Sonoran desert tortoise Populations in the border region. Texas Tech University.
- Sean Sutor Ph.D. 2025. Population connectivity informed using movement ecology for the Sonoran desert tortoise. Co-advised. Biology Texas Tech University.
- Kalin Bayes M.S. 2024. Site quality of wildlife waters and amphibian fitness. Department of Natural Resources Management, Texas Tech University.
- Brice Martin M.S. 2023. Sonoran desert tortoise home range. Department of Natural Resources Management, Texas Tech University.
- Amanda Emert M.S. 2023. Impacts of high-density livestock operations on playa wetlands. Co-Advised. The Institute of Environmental and Human Health. Texas Tech University.
- Sadie Roth M.S. Spring 2022. Sonoran Desert amphibians in isolated waters: investigating threats posed by drought and pathogens. Department of Natural Resources Management. Texas Tech University.
- Yingbo Zhang M.S. Fall 2019. Restoration of shortgrass prairie on herpetofauna. Department of Natural Resources Management. Texas Tech University.
- Katelyn Vedolich M.S. Fall 2019. Interactions between weather patterns and competition in small mammal communities. Department of Natural Resources Management. Texas Tech University.
- Demi Gary M.S. Fall 2017. Examining the southern Great Plains for hotspots of at-risk species and assessing efficacy of a decision support tool. Department of Natural Resources Management. Texas Tech University.
- Brian Desanti Non-thesis MS. Fall 2017. Department of Natural Resources Management. Texas Tech University.
- Maria Mejia M.S. Spring 2016. Why people choose and stay in natural resources professions and the roadblocks they encounter. Co-advised .Department of Natural Resources Management. Texas Tech University.
- Joseph Drake M.S. Spring 2016. Managing desert ecosystems at nested scales to support native amphibians and halt invasions by exotics. Department of Natural Resources Management. Texas Tech University.
- Kristin Stacy M.S. Fall 2015. Wildlife use of City of Lubbock drinking water facility and recommendations for management. Department of Natural Resources Management. Texas Tech University.
- Anja Kiesow. M.S. Fall 2015. Adult amphibians and desert wetlands. Arid Lands Master's Program. Department of Natural Resources Management. Texas Tech University.

Jordan Goetting M.S. Summer 2015. Mammal use of desert wildlife waters: the influence of spatial arrangement and rainfall. Department of Natural Resources Management. Texas Tech University.

Jessica Kissner. M.S. Spring 2013. Land use and amphibian ecology in a short grass prairie. Department of Natural Resources Management. Texas Tech University.

Rasika Ramesh. M.S. Fall 2012. Urbanization and amphibian ecology. Co-advised with Gad Perry. Department of Natural Resources Management. Texas Tech University.

Laura Navarrete. M.S. Fall 2011. Wind farms influence Sandhill Crane roosting and foraging behavior during the winter. Department of Natural Resources Management. Texas Tech University.

John Uzzardo. M. Non-Thesis Spring 2011. Department of Natural Resources Management. Texas Tech University.

## Professional Science Master's - Natural Resources Management Students

### In Progress

Alaina Spring Stogsdill

Cynthia Flores

Conner Gayle

Dalton Norris

Dustyn Nelson

Emma Trout

Gabriella Bocanegra

Gayle Conner

Georgia Behne

Haley Otteson

Hunter Geary

Jacob Woman

Jon McCleod

Josh Hopkins

Kathryn Rodgers

Luke Travis

Orisia Williams

Sarah Melendez

Sierra Rose Mahseelah

Victoria Gean

Vincent Ochoa

### Completed students

Triston Jimenez 2025  
Tommy Srader 2025  
Raven Lawson 2024  
Brooke Salisbury 2024  
Rebekah Ross 2024  
Dean Leathers 2024  
Caroline Pardo 2023  
Zach Patton 2023  
Abigail Ochs 2023  
Schyler Rhea 2023  
Clinton Carter 2022  
Marche Matsumura 2022  
Mathew Moore 2022  
Tyler Bishop 2021  
Allen Dees 2021  
Kaitlyn Ingle 2021  
Karen Marin 2021  
Breana Trevino 2021  
Caroline Van Gosen 2021  
Andrew Aliyas 2020  
Wayne Swink 2018

### Advised Undergraduate Projects

King, E. 2022. Genetic detection of an amphibian pathogen. Texas Tech University.  
McGinnis, M. 2022. Sonoran desert tortoise burrows. Texas Tech University.  
Sanchez, E. 2019. Cactus biodiversity as a function of aspect and slope in the Sonoran Desert. Texas Tech University,  
Martin, B. 2019. Vegetation selection of lagomorph foraging. Texas Tech University.  
Jurca, C. 2018. Controlled burning as a weed control in natural areas on a golf course. Texas Tech University.  
Allen, W. 2018. Effectiveness of lagomorph control on a golf course. Texas Tech University.

Valencia, H. 2016. Nitrogen biogeochemistry in desert wildlife waters. Texas Tech University. CISER Scholar Program.

Wagner, J. 2016. Acoustic sampling to inform wetland restoration. Texas Tech University.

White, R. 2015. Small mammal response to restoration activities on the Muse Wildlife Management Area. Texas Tech University.

Stewart, N. 2013. Sensitivity of Songscope to frequency and pitch of amphibian calls. Texas Tech University.

Eckhart, A. 2012. Invertebrate biodiversity associated with wildlife waters. Texas Tech University.

Mitchell, F. 2012. The effects of nitrogen on estuarine ecosystems: a review. Texas Tech University.

Crocker, J. 2004. Northern prairie skink habitat selection and condition in response to interactions between fire, grazing and nitrogen enrichment. Cedar Creek Natural History Area.

Crocker, J. 2004. Effects of various fire regimes on wetland vegetation communities and soil in savanna ecosystems. Cedar Creek Natural History Area.

Harsch, M. 2004. Top-down versus bottom-up effects on *Artemisia* biomass. Cedar Creek Natural History Area.

Harsch, M. 2004. The effects of social trails on soil compaction and vegetation communities. Cedar Creek Natural History Area.

Missick, M. and Benton, J. 2004. Stoichiometry of freshwater clams in response to pond fertilization. Cedar Creek Natural History Area.

Huang, Y. 2003. Effects of nitrogen fertilizer on thatch ant metabolism. Cedar Creek Natural History Area.

Mannerly, J. 2003. The effects of nitrite on competition in *Bufo americanus*. Mellon award. Cedar Creek Natural History Area.

Whiteman, J. 2003. Links between agriculture and amphibian deformities in east-central MN. Cedar Creek Natural History Area.

Jackson, C.L. 2001. Controls on the co-occurrence of the eastern tiger salamander (*Ambystoma tigrinum tigrinum*) and the blue-spotted salamander (*Ambystoma laterale*). Mellon award. Cedar Creek Natural History Area.

## Outreach and Service

2018-Current. South Central Climate Science and Adaptation Center, Science Working Group.

2025-Current. Secretary DNA working group, The Wildlife Society

2012-Current. Judge, Student Poster Sessions, The Wildlife Society Annual Meeting.

2015-Current, Skype a Scientist online seminars and presentations.

2024. Doris Duke Conservation Scholars Collaborative Faculty Mentor. The Wildlife Society's 31<sup>st</sup> Annual Conference.

2022. Co-organizer, Joint Annual Meeting of the Arizona and New Mexico Chapters of The Wildlife Society and American Fisheries Society.

2021-2024. Treasurer, Arizona Chapter of The Wildlife Society

2018-2023. The Wildlife Society. Jim McDonough Award Committee.

2018-Current. Collaborative Conservation and Adaptation Strategy Toolbox Team (CCAST). An Online Library of Conservation Case Studies.

2016-2018. Species and Ecosystems Working Group, South-Central Climate Adaptation and Science Center.

2012-2019. Host SACNAS CC Stem tours in my lab.

2020. Texas Tech Representative at the Universities Council on Water Resources (UCOWR) at the roundtable discussion: Water Quality in Forested and Rangeland Watersheds. 21 October 2020.

2019, 2020. Guest Lecturer (online and face-to-face) at Centro Universitário Dinâmica das Cataratas.

2014-2018. Desert Landscape Conservation Cooperative, Task Force Member (CMQ6 - herpetology and CMQ4 - physiology).

2011-2023. Judge, Student Poster and Presentation Sessions, Texas Tech Undergraduate Research Conference. Lubbock, Texas.

2018, 2017, 2014. Judge, Student Poster and Presentation Sessions TTABS, Texas Tech University. Lubbock, Texas

2018. Judge, Student Research in Progress Poster Session, The Joint Meeting of the Arizona and New Mexico Wildlife Society. Flagstaff, Arizona

2018. Biodiversity Session Moderator, International Aridlands Conference. Lubbock, Texas August 13-14, 2018.

2017. West Texas Regional Science Fair. Texas Tech University, Lubbock Texas

2016. Recruiting, Texas Tech Preview, Department of Natural Resources Management. Lubbock, Texas

2011-2015. Elected Board Member for the Biological Diversity Working Group of The Wildlife Society

2015. Presenter and tour guide, Texas Brigades: Wildlife Intensive Leadership Development. Lubbock, Texas

2014. Presenter, Insects are cool. Roscoe Wilson Elementary School, second grade. Lubbock, Texas

2009 to 2012. Associate Editor, Herpetological Review

2012. Collaborative workshop to set management goals. Mojave-Sonoran Deserts Natural Community Vulnerability Assessment Adaptation Strategy Workshop. Phoenix, AZ

2012. Presenter, Using instruments to measure weather in wildlife sciences. Roscoe Wilson Elementary School, first grade. Lubbock, Texas

- 2010. South Plains Tech Prep Career Expo. Lubbock Civic Center. Lubbock, Texas
- 2010. Judge, South Plains Regional Science and Engineering Fair. Lubbock, Texas
- 2010. Judge, Southwestern Regional SACNAS (Society for the Advancement of Hispanic/Chicano and Native Americans in Science) Meeting. Lubbock, Texas
- 2010-2011. Mentor, Laura Cavazos & Ophelia Powell-Malone Mentoring Program (Mentor Tech)
- 2009-2014. West Texas Women in Science volunteer presenter to local Middle Schools and Texas Tech campus tours
- 2008. Presenter, Women in Science Endeavors. Science Spectrum Museum, Lubbock, Texas
- 2004. Symposium Organizer, Cedar Creek Natural History Area Annual Symposium. Cedar Creek Natural History Area (NSF LTER). Bethel, Minnesota
- 2003 & 2004. Mentor for Independent Undergraduate Research, Cedar Creek Natural History Area (NSF LTER). Bethel, Minnesota
- 2002. Mentor Community Development Committee, founding member. North American Benthological Society
- 2001 & 2003. Research Mentor to Mellon Awardees (Undergraduate Minority Award). Cedar Creek Natural History Area (NSF LTER). Bethel, Minnesota
- 1996-2000. Member, The Diablo Trust, (cooperative stewardship of rangelands) northern Arizona

## Media Outreach Service

- 2019. Television interview: Texas Tech at UDC, looking to the future with Education USA. Centro Universitário Dinâmica das Cataratas, Foz do Iguaçu, Brazil. Nov 3-9, 2019.
- 2019. Television interview: Texas Tech, research program, and visit to Brazil. Television interview. Centro Universitário Dinâmica das Cataratas, Foz do Iguaçu, Brazil. Nov 3-9, 2019.
- 2017. Television interview - expert opinion: Paris Climate Agreement exit sparks mixed emotions worldwide. <https://www.fox34.com/story/35571541/paris-climate-agreement-exit-sparks-mixed-emotions-worldwide?removecgbyypass&clienttype=smartdevice>
- 2017. Television interview - expert opinion: Scientists concerned about future of field under Trump presidency. <https://www.fox34.com/story/34600851/scientists-concerned-about-future-of-field-under-trump-presidency>
- 2009. College of Agricultural Sciences and Natural Resources, Texas Tech University, Ag-Talk. Fox 950 radio. Lubbock, Texas

## Recognition

- 2025. Institute for Faculty Excellence Fellowship, Texas Tech University
- 2023. Sigma Xi. Two anonymous nominations for full membership

2021. The Diamond Award. Teaching Learning and Professional Development Center, Texas Tech University.

2019. President's Diversity & Equity Advisory Council, Texas Tech University. Nomination.

2013. The National Society of Collegiate Scholars. Student nominated award for Distinguished Member.

2010. Association for Women in Science Letter of Appreciation for Volunteer Efforts.

2009. College of Agricultural Sciences and Natural Resources Research Enhancement Award.

2008. College of Agricultural Sciences and Natural Resources Research Enhancement Award.

2006. Travel scholarship. ADVANCE Faculty Horizons, University of Maryland, BC. (declined).