

JOHANNA DELGADO-ACEVEDO

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EDUCATION

- Ph.D. 2010. Texas A&M University-Kingsville, Feral pig management in Texas: A landscape genetics approach.  
Advisor: Randy DeYoung.  
M.S. 2005, University of Puerto Rico, Río Piedras, Puerto Rico. The effect of habitat loss on morphology in two  
*Eleutherodactylus* species of Puerto Rico.  
Advisor: Carla Restrepo.  
B.S. 1999. University of Puerto Rico, Cayey, Natural Sciences-Biology.

POSITIONS

- Associate Professor, Texas A&M University-Commerce, Texas, 2020-present.  
Assistant Professor, Texas A&M University-Commerce, Texas, 2014-2019.  
Research Coordinator, Pontifical Catholic University of Puerto Rico and Casa Pueblo, Inc., 2012-2014  
Visiting Assistant Professor, Sul Ross State University, Texas 2011-2012.  
Postdoctoral Research Fellow, University of Hawaii-Manoa. 2011.  
Director of the Botanical Garden of the University of Puerto Rico. 2009-2011.  
Ecological Society of America Student Section Secretary 2007-2009.  
Graduate Teaching Assistant, Department of Biology, University of Puerto Rico, 1999-2005.  
Smithsonian Institution Biodiversity Assessment and Monitoring for Adaptive Management Course. Herpetology  
instructor, 2002.  
Volunteer work- CasaPueblo de Adjuntas, Puerto Rico. 1992-present.

FELLOWSHIPS AND AWARDS

- The Texas Association of Black Personnel in Higher Education Humanitarian Award, 2018.  
Quantitative Undergraduate Biology Education and Synthesis (QUBES)/The National Socio-Environmental  
Synthesis Center (SESYNC) - Investigating socio-environmental issues with data. Faculty Fellow, 2018.  
Global Fellow – Texas A&M University-Commerce, 2017.  
Máximo Plata, Reymundo Sr. and María Ada Santaibañez Hispanic Educational Consortium Award, 2016.  
The Buckminster Fuller Challenge, finalist, 2015.  
National Academies Education Fellow in the Life Sciences, 2015-2016.  
XXXI International Course on Protected Areas and Climate Change, The Tropical Agricultural Research and Higher  
Education Center (CATIE), 2011 (\$3000).  
C.R. and Rebecca Palmer Student Scholarship in Wildlife Management, 2009 (\$3000).  
Quail Unlimited Scholarship in Wildlife Management 2009 (\$3000).  
Caesar Kleberg Wildlife Research Institute Graduate Student Scholarship in Wildlife Science, 2008 (\$3000).  
Presidential Scholarship, Texas A & M-Kingsville, 2006-2008 (\$18000 per year).  
MGE (Minority Graduate Education Program) 1999 – 2001 (\$800 per year).  
Howard Hughes Travel Award, Simposio de Zoología (IES) 2000, La Havana, Cuba (\$2000).  
Latin American Fellow for Biodiversity Assessment and Monitoring for Adaptive Management Course 2001  
(\$4000).  
Organization for Tropical Studies Fellow, Agroecology, Costa Rica, 2001, (\$4000).

GRANTS

- NSF The Noyce Teacher Scholarship Program at Texas A&M University-Commerce, 2017 (Co-PI), \$1,199,000.  
Fiscal Year Unit Strategic Initiative Funding, Texas A&M University-Commerce, 2017 (PI), \$37,000.  
Faculty Research Enhancing Program, Texas A&M University-Commerce 2015-2016 (PI), \$10,000.

Faculty Enhancement seed grant, Texas A&M University-Commerce, 2015 (PI), \$700.  
 Miranda foundation, Forest School La Olimpia “Ariel Massol Deyá”: Towards a humanizing education 2014-2017 (co-PI), \$90,000.  
 Carvahal Foundation, Bosque del Pueblo restoration, Casa Pueblo de Adjuntas, Puerto Rico, 2014 (PI), \$17,000.  
 Building Bridges, Sierra Club, Casa Pueblo de Adjuntas, Puerto Rico, 2010 (PI), \$15,000.  
 Declining Amphibian Population Task Force – Seed grant 2001 (PI), \$2000.

## PUBLICATIONS

- Ortega, A., Villareal, J. Delgado Acevedo, J., Barroto-Páez, R. Mexico and the Caribbean. In VerCauteren, K., Beasley, J.C., Ditchchoff, S.S., Mayer, J.J., Roloff, G.J., Strickland, B.K. (editors) 2019. Invasive Wild Pigs in North America: Ecology, Impacts and Management. CRC press, Boca Ratón, Fl.
- Delisle, Z.J., Ransom D., Lutterschmidt, W.I., and Delgado-Acevedo, J. 2019. Multiscale Spatiotemporal Habitat Selection of Northern Cottonmouths. *Journal of Herpetology* 53(3):187-195.
- Delisle, Z.J., Lyman-Henley, L., Ransom, D. and Delgado Acevedo, J. 2019. Neonate cottonmouth (*Agkistrodon piscivorus leucostoma*) spatial ecology and habitat selection: from parturition to hibernation. *Southern Naturalist* 18(2):334-345.
- Delisle, Z.J., Lyman-Henley, L., Ransom, D. and Delgado Acevedo, J. 2019. *Agkistrodon piscivorus leucostoma* (Western cottonmouth) copulation following parturition. *Herpetological Review* 50(1):148.
- Delisle, Z.J., D. Ransom, W. Lutterschmidt, and Delgado Acevedo, J. 2019. Site-specific differences in the spatial ecology of northern cottonmouths. *Ecosphere* 10 (1):1-11.
- Delisle, Z.J., Delgado Acevedo, J. and Lutterschmidt, W.I. 2019 *Agkistrodon piscivorus leucostoma* (Western cottonmouth) Predation. *Herpetological Review* 49 (3):541.
- Massol Deyá, A. González, E, Delgado Acevedo, J., Dragoni, A., Massol González, A. 2018. Casa Pueblo y la transformación de la política forestal desde la autogestión comunitaria. In G. García Lopez, C. Concepción and A. Torres Abreu (editors) *Ambiente y Democracia*. Editorial de la Universidad de Puerto Rico. Pages 107-132.
- Díaz, E., Pérez, D., Delgado Acevedo, J. and Massol-Deyá, A. 2017. Longitudinal survey of lead, cadmium, and copper in seagrass *Syringodium filiforme* from a former bombing range (Vieques, Puerto Rico). *Toxicology Reports* doi.org/10.1016/j.toxrep.2017.11.007
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, and D. Long. 2013. Effects of local-scale removals on feral swine population dynamics. *International Journal of Pest Management* doi:10.1080/09670874.2013.776723.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, D. Hewitt, and D. Long. 2010. Frequency and extent of multiple paternity in feral pigs. *Wildlife Research* 37:539-546.
- Campbell, T.A., R.W. DeYoung, E.M. Wehland, L.I. Grassman, D.B. Long, and J. Delgado-Acevedo. 2008. Feral Swine Exposure Rates to Selected Viral and Bacterial Pathogens in Southern Texas. *Journal of Swine Health and Production* 16:312-315.
- Delgado-Acevedo, J. and C. Restrepo. 2008. The effect of habitat loss on body size, allometry, and bilateral asymmetry in two Eleutherodactylus species of Puerto Rico. *Conservation Biology* 22:773-782.
- Pérez-Buitrago N., M. A. García, A. Sabat, J. Delgado-Acevedo, A. Álvarez, W. O. McMillan and S. M Funk. 2008. Do headstart programs work? Survival and body condition in headstarted Mona Island iguanas *Cyclura cornuta stejnegeri*. *Endangered Species Research* 6:55-65.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, and F. Bryant. 2008. Cryptozoology: a case study using molecular markers to identify cryptic species. *Proceedings of the 2008 Southeastern Association of Fish and Wildlife Agencies*, Corpus Christi, Texas, USA.
- Delgado-Acevedo, J., R.W. DeYoung, and T.A. Campbell. 2007. Landscape genetics of feral swine and implications for management. Pages 451-453 in *Proceedings of the International Symposium: Managing Vertebrate Invasive*, USDA/APHIS/WS, National Wildlife Research Center, Fort Collins, CO, USA.
- Delgado-Acevedo, J., R.W. DeYoung, and T.A. Campbell. 2007. The Landscape genetics of an invasive species: the case of feral pigs. *Proceedings of the 12<sup>th</sup> Wildlife Damage Management Conference*, Corpus Christi, Texas, USA.
- Dale, Virginia, J. Delgado-Acevedo and J. MacMahon. 2005. Effects of modern volcanic impacts on vegetation. In J. Marti and G. Ernst (edit.) *Volcanoes and Environment*. Cambridge University Press, New York, USA.
- Delgado-Acevedo, J. 2001. Variación en la abundancia del coquí común, *Eleutherodactylus coqui*, en un bosque nativo y en una plantación de *Eucalyptus robusta*. *Acta Científica* 15:105-110.
- Delgado-Acevedo, J. 2000. Abundancia y distribución de lagartos en la Isla de Mona, Puerto Rico. *Acta Científica* 14:61-66.

#### MANUSCRIPTS IN REVIEW

- Lehr, N., Delgado Acevedo, J. and Ransom, D. A Simple and Effective Method for Measuring Nest Concealment, submitted to *Wilson Journal of Ornithology*.
- Restrepo, C., Z. Colon and J. Delgado-Acevedo. Skeletal abnormalities in two *Eleutherodactylus* species: A hidden effect of land-cover change on species diversity. Submitted to *PlosOne Biology*

#### MANUSCRIPTS IN PREPARATION

- Delgado-Acevedo, J., C. Restrepo, and E. Rosa-Molinar. Measurement of morphological characters and fluctuating asymmetry in frogs: Advantages and disadvantages of imaging techniques.
- Villanueva, L., J. Delgado-Acevedo, M. I. Herrera, F. Castro, and C. Restrepo. Body size in neotropical amphibian communities and its role in predicting their conservation status.

#### INTERNATIONAL COURSES

- XXXI International Course on Protected Areas and Climate Change, The Tropical Agricultural Research and Higher Education Center CATIE, June 2010.
- VII International Course on Design and Analysis of Conservation Projects, 2001.
- Man and the Biosphere-Biodiversity Assessment and Monitoring for Adaptive Management Course, Smithsonian Research Center, Front royal, Virginia, 2001.
- Agroecology, Organization of Tropical Studies, Costa Rica, 2001.

#### COURSES TAUGHT INTERNATIONALLY

- Principles of Sustainability, Jeju National University, Jeju, South Korea, 2016.
- Introduction to Environmental Sciences, Jeju National University, Jeju, South Korea, 2018.
- Agroecology in Puerto Rico, Adjuntas, Puerto Rico, 2019.
- Modern History of Argentina, Buenos Aires, Argentina, 2020.

#### PRESENTATIONS

- Delgado Acevedo, J. 2019. Multiscale Spatiotemporal Habitat Selection of Northern Cottonmouths. Yabian University, Yanji, P.R. China.
- Sutton, C. and Delgado Acevedo, J. North American Prairie Annual Conference 2019. The use of prescribed fire, herbicide application, and native plants to restore bottomland Blackland Prairie in constructed wetlands.
- Jones, C. and Delgado Acevedo, J. Annual Research Symposium, Texas A & M – Commerce, TX, 2019. Spatial Use of Managed and Unmanaged Wetlands by Aquatic Turtles of Northeast Texas.
- Kennebeck, J., Jones, C., and Delgado Acevedo, J. Annual Research Symposium, Texas A & M-Commerce, 2019. Texas. Population Estimate and Habitat Selection Analysis on Alligator Snapping Turtles (*Macrochelys temminckii*) in the Jim Chapman Lake Tributary.
- Sutton, C., Kopachena, J., and Delgado Acevedo, J. Pathways Annual Symposium 2018. The Use of Prescribed Fire, Herbicide Application, and Native Plants to Restore Bottomland Blackland Prairie in a Constructed Wetland.
- Sutton, C., Kopachena, J., and Delgado Acevedo, J. Texas Chapter of the Restoration Ecology Society 2018. The Use of Prescribed Fire, Herbicide Application, and Native Plants to Restore Bottomland Blackland Prairie in a Constructed Wetland.
- Delisle, Z., Ransom, D., Lyman-Henley, L., and Delgado-Acevedo, J. 2018. 65th Annual Meeting of the Southwestern Association of Naturalists Spatial Ecology and Hierarchical Habitat Selection of Neonate Western Cottonmouths: A Function of Maternal Migrations.
- Delisle, Z., Ransom, D., Lyman-Henley, L., and Delgado-Acevedo, J. 2018. Texas A&M Annual Research Symposium Neonate Cottonmouth (*Agkistrodon piscivorus leucostoma*) Spatial Ecology and Habitat Selection: From Parturition to Hibernation.
- Delisle, Z., Lyman-Henley, L., Ransom, D., and Delgado-Acevedo, J. Texas Chapter of the Wildlife Society Annual Meeting 2018. Neonate cottonmouth (*Agkistrodon piscivorus leucostoma*) spatial ecology and habitat selection: from parturition to hibernation.
- Sutton, C., Kopachena, J., and Delgado Acevedo, J. Texas Chapter of the Wildlife Society Annual Meeting 2018. The Use of Prescribed Fire, Herbicide Application, and Native Plants to Restore Bottomland Blackland Prairie in a Constructed Wetland: A Proposal.

- Engelhardt, E., Delisle, Z., Delgado Acevedo, J., and Lyman-Henley, L. Texas Chapter of the Wildlife Society Annual Meeting 2018. Prey Preferences of Western Cottonmouths in a Constructed Wetland in Northeast Texas.
- Delisle, Z., Lyman-Henley, L., Ransom, D., and Delgado-Acevedo, J. Texas Chapter of the Society for Ecological Restoration Annual Meeting 2017. Herpetological Communities Within Artificial Wetland complexes: Does Size Matter?
- Brown, N. and Delgado-Acevedo, J. Texas Chapter of the Society for Ecological Restoration Annual Meeting 2017. Small Mammal and Breeding Bird Community Patterns in a Blackland Prairie Remnant in Northcentral Texas.
- Delisle, Z., Lyman-Henley, L., Ransom, D., and Delgado-Acevedo, J. Texas A&M University System Annual Symposium 2017. Herpetological Communities Within Artificial Wetland complexes: Does Size Matter?
- Delisle, Z., Delgado-Acevedo, J., Lyman-Henley, L. and Ransom, D. American Society of Ichthyologists and Herpetologists Annual Meeting 2017. Cottonmouth and Diamond-backed Water Snake Spatial Ecology within Constructed and Natural Wetlands.
- Climer, T. W. and Delgado Acevedo, J. LeoTeach Annual Symposium, TAMUC, Commerce, TX, 2017. International perspectives on climate change: A Principles of Sustainability class exercise.
- Heller, C. F. and Delgado Acevedo, J. LeoTeach Annual Symposium, TAMUC, Commerce, TX, 2017. National perspectives on climate change: A Principles of Sustainability class exercise.
- Renfro, T. C. and Delgado Acevedo, J. LeoTeach Annual Symposium, TAMUC, Commerce, TX, 2017. Local perspectives on climate change: a Principles of Sustainability class exercise.
- Delgado Acevedo, J. University of Texas-Tyler Biology Seminar Series, Tyler, TX, Science, Education, and collaborations.
- Brown, N., Rodell, J., Delgado Acevedo, J. The Texas Chapter of The Wildlife Society Annual Meeting, San Antonio, Texas, 2015, Small mammal and vegetation community composition across successional stages following prescribed burning and grazing at Blackland Prairies in northeastern Texas.
- Delgado-Acevedo, J. Agroforestry Symposium, University of Puerto Rico – Utuado-Annual Symposium, Puerto Rico 2013. Academia and Community: building a sustainable development for Puerto Rico.
- Delgado-Acevedo, J. Social Doctrine Seminar, Pontifical Catholic University, Puerto Rico 2013, Sustainability and the social doctrine.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, The American Society of Mammalogists Annual Meeting, Fairbanks, Alaska, USA 2009, Landscape genetics of feral pigs in southern Texas.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, The American Society of Mammalogists Annual Meeting, Fairbanks, Alaska, USA 2009, Phylogenetic relationship between feral pigs in the USA.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, D. Long. The American Society of Mammalogists Annual Meeting, Fairbanks, Alaska, USA 2009, Molecular markers to evaluate the effectiveness of feral pigs (*Sus scrofa*) damage control.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, The Wildlife Society Annual Meeting, Miami, FL, USA 2008, Feral pigs (*Sus scrofa*) in Texas: population genetics, movements, and management.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, F. Bryant, Southeastern Association of Fish and Wildlife Agencies, Corpus Christi, TX, USA 2008, Cryptozoology: a case study using molecular markers to identify cryptic species.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, Ecological Society of America Annual Meeting, Milwaukee, WI, USA 2008, Feral pigs (*Sus scrofa*) in Texas: population genetics, movements, and management.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, The Texas Chapter - Wildlife Society Annual Meeting, San Antonio, TX, USA 2008, Landscape genetics and invasive species management: the case of feral pigs in Texas.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, The Texas Chapter -Wildlife Society Annual Meeting, San Antonio, TX, USA 2008, Wild boar or three little piggies? A genetic evaluation of feral pig ancestry in Texas. Third prize graduate student competition.
- Zamorano, A., J. Delgado-Acevedo, R. W. DeYoung, T. A. Campbell, The Texas Chapter Wildlife Society Annual Meeting, San Antonio, TX, USA 2008, Cryptozoology: a case study using molecular markers to identify cryptic Species.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, The Wildlife Society Annual Meeting, Tucson, AZ, USA 2007, The landscape genetics of invasion: the feral pigs of south Texas.
- Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, D. Hewitt, The Wildlife Society Annual Meeting, Tucson, AZ, USA 2007, Frequency and extent of multiple paternity in feral pigs: implications for disease transmission.
- Delgado-Acevedo, J., R.W. DeYoung, T. A. Campbell, Invasive Species Symposium: Managing Vertebrate Invasive Species, Fort Collins, CO, USA 2007, Landscape Genetics of Feral Swine & Implications for Management.

- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, Ecological Society of America Annual Meeting, San José, CA, USA 2007, Population genetics of an invasive species, *Sus scrofa*: Implications for their behavior and Management.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, 12<sup>th</sup> Wildlife Damage Management Conference, Corpus Christi, TX, USA, 2007, A landscape-genetic approach to the management of feral pigs in South Texas.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, The Wildlife Society-Texas Chapter, Beaumont, TX, USA 2007, The landscape genetics of an invasion: the feral pigs of south Texas.
- Delgado-Acevedo, J., R. W. DeYoung, T. A. Campbell, Weed Science Society Annual Meeting, San Antonio, TX, USA 2007, A landscape-genetic approach to the management of feral pig in South Texas.
- Villanueva, L., J. Delgado-Acevedo, M. I. Herrera, F. Castro, and C. Restrepo. 2007. Association for Tropical Biology and Conservation, Morelia, Mexico Body size in neotropical amphibian communities and its role in predicting their conservation status.
- Delgado-Acevedo, J. and C. Restrepo, Ecological Society of America Annual Meeting, Memphis, TN, USA 2006, Morphological variation in two *Eleutherodactylus* frogs in response to land-cover and land-use change in the northern karst region of Puerto Rico.
- Delgado-Acevedo, J. and C. Restrepo, Caesar Kleberg Wildlife Research Institute 25<sup>th</sup> Anniversary, Texas A&M-Kingsville, Texas, USA 2006, The effect of habitat loss on body size, allometry, and bilateral asymmetry in two *Eleutherodactylus* (Anura: Leptodactylidae) species of Puerto Rico.
- Delgado-Acevedo, J. and C. Restrepo, Ecolunch, Graduate Students Seminar, University of Puerto Rico, Río Piedras 2004, Body size, species richness, and temporal and spatial patterns of fluctuating asymmetry in amphibians of the karstic region of Puerto Rico.
- Delgado-Acevedo, J. and C. Restrepo, Multimodality in ecological data: A theoretical puzzle and a statistical challenge, University of Puerto Rico 2004, Island size, species richness, and the distribution of body size in Caribbean amphibians.
- Delgado-Acevedo, J. and C. Restrepo, I Graduate Research Symposium: The Biology in the New Millennium, University of Puerto Rico 2003, Museum Collections as Useful Resource Assessing Patterns of Diversity: Amphibians and the Threatened Karstic Region of Puerto Rico.
- Delgado-Acevedo, J., 2002 MAB Biodiversity Assessment and Monitoring for Adaptive Management Course, Adjuntas, Puerto Rico, Field Techniques for the study of Amphibians and Reptiles.
- Delgado-Acevedo, J., Simposio de investigaciones en el Bosque del Pueblo, Adjuntas, Puerto Rico 2002 Anfíbios y reptiles del Bosque del Pueblo.
- Delgado-Acevedo, J. and C. Restrepo, Ecolunch, Graduate Students Seminar, University of Puerto Rico, Río Piedras 2002 Assemblages of amphibians of Puerto Rico: Fragmentation and Land use changes.
- Delgado-Acevedo, J., VII International Course on Design and Analysis of Conservation Projects 2001 Comparación de riqueza y abundancia de especies de anfibios *Eleutherodactylus* en tierras con diferentes usos.
- Delgado-Acevedo, J., 2001 MAB Biodiversity Assessment and Monitoring for Adaptive Management Course, *Eleutherodactylus* species of Puerto Rico.
- Delgado-Acevedo, J., Agroecología (OTS) 2001 *Eleutherodactylus* species of Puerto Rico.
- Dale, Virginia, J. Delgado-Acevedo and J. MacMahon, Biology Honor Society (βββ) Biannual Convention, San Diego, California 1998 *Effects of Modern Volcanic Impacts on Vegetation*

## SERVICE

- Strategic Growth Plan for the Environmental Science program, 2015.  
 Institutional effectiveness, 2015-2018.  
 Curriculum, Chair, 2016-present.  
 Recruitment committee, 2014-present.  
 Scholarships committee, 2014-present.  
 Brown-bag biology seminar coordinator, 2015-present.  
 The Texas Chapter of The Wildlife Society Publication Committee, 2018-2019.  
 LeoTeach Council, 2015-2018.  
 Faculty Senate 2016-present.  
 Secretary of the Faculty Senate, 2016-2019.  
 Executive Council of the Faculty Senate, 2016-present.  
 Honors Program Council 2017-present  
 Institutional Animal Care and Use Committee (IACUC), 2019-present.

Latin American and US Latino Studies (LALS) Advisory Board, 2018-present.  
Gender Studies Advisory Board 2017-present.  
International Students Scholarships Committee, 2015-present  
Wildlife Executive Council, 2018-present.  
Athletic Council, 2019-present.  
Budget of the Faculty Senate committee, Chair, 2019-present.  
Summer Session Committee, 2019-present.  
The Environmental Awareness Society, Advisor, 2014-present.  
The Wildlife Society, TAMUC Chapter, Advisor, 2018-present.

## STUDENTS ADVISED

### Undergraduate Honor's Thesis

Rodell, J. Responses to Fire in Small Mammal Communities at the Clymer Meadow Preserve. 2015.  
Sutton, C.A.D. Bioaccumulation of Iron in *Gambusia affinis* in *Lemna minor* Mediated Surroundings. 2016.  
*Graduated with the highest honors.*  
Kennebeck, J. Population Estimate and Habitat Selection Analysis on Alligator Snapping Turtles (*Macrochelys temminckii*) in the Jim Chapman Lake Tributary. 2018-present.

### Graduate MS students

Cook, T. Wading bird (Families: Ardeidae and Threskiornithidae) Migration, Habitat Selection and Use, and Foraging behavior on the southern high plains of Texas, 2018.  
Delisle, Z.J. Spatial ecology and habitat selection of the northern cottonmouth, *Agkistrodon piscivorus*, within constructed wetlands complexes, 2018.  
Brown, N. Small Mammal and Breeding Bird Community Patterns in a Blackland Prairie Remnant in Northcentral Texas, 2017.

### Current graduate students

Sutton, C. The use of prescribed fire, herbicide application, and native plants to restore bottomland Blackland Prairie in constructed wetlands.  
Jones, C. Spatial use of managed and unmanaged wetlands by aquatic turtles of northeast Texas.  
Morris, S. Northern cottonmouth, *Agkistrodon piscivorus* population model in constructed wetlands complexes in northeast Texas.  
Soto, B. Bat community composition in wetlands of the Blackland Prairie region in Texas.  
Stalder, B. The use of prescribed fire, organic herbicide application, and native plants to restore Blackland prairies.

## COURSES TAUGHT

Undergraduate: Natural Disasters, Introduction to Environmental Toxicology, Environmental Geography, Principles of Sustainability, Research Methods in Environmental Sciences, Biological Literature, Landscape Ecology, Geospatial Mapping, Wildlife Habitat Ecology and Management, Wetland Ecology and Management, Agroecology, Field Methods in Wildlife Conservation, Mammalogy, Wildlife Techniques, Wildlife Population Biology.

Graduate: Research Literature and Techniques, Landscape Ecology, Ecotoxicology

## MEMBERSHIPS

The Wildlife Society  
The Texas Chapter of the Wildlife Society  
Ecological Society of America

Society for Ecological Restoration  
The Texas Chapter of the Society for Ecological Restoration