

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Michael Forstner Title: Regent's Professor

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	1995	Texas A&M University, College Station, TX	Genetics	Phylogenetic relationships of primitive snakes
M.Sc.	1991	Sul Ross State University, Alpine, TX	Zoology	Venom variation in rock rattlesnakes
B.Sc.	1988	Southwest Texas State University, San Marcos, TX	Zoology	

C. University Experience

Position	University	Dates
Regent's Professor	Texas State University System, Austin, Texas	2013-Present
University Distinguished Professor	Texas State University, San Marcos, TX	2013-Present
Alexander-Stone Chair of Genetics	Texas State University, San Marcos, TX	2008-Present
Professor of International Studies	Texas State University, San Marcos, TX	2008-Present
Professor	Texas State University, San Marcos, TX	2007-Present
Curator Vertebrate Collections	Texas State University, San Marcos, TX	2005-Present
Associate Professor	Texas State University, San Marcos, TX	2003-2007
Assistant Professor	Southwest Texas State University, San Marcos, TX	2000-2003
Assistant Professor	Florida Atlantic University, Davie, FL	1997-1999
Research Officer (Post-Doctoral)	Columbia University, New York, NY	1995-1999

D. Relevant Professional Experience

Position	Entity	Dates
Research Associate	Texas Tech Museum, Texas Tech University, Lubbock	2007-Present
Visiting Research Associate	Texas Cooperative Wildlife Collection, Texas A&M University, College Station	2003-Present

II. SCHOLARLY/CREATIVE

A. Works In Print

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

N/A

b. Textbooks:

N/A

c. Edited Books:

N/A

e. Chapters in Books:

2011

Forstner, M.R.J. and P. Crump. 2011. **Invited book chapter.** Population supplementation of the Houston toad in Texas, USA. Pp. 71-76. In: Soorae Pritpal, ed. *Global reintroduction perspectives (re-introduction case studies from around the globe) 3rd Edition*. IUCN Species Survival Commission, Re-introduction Specialist Group; Environment Agency-Abu Dhabi; Denver Zoological Foundation.

Forstner, M.R.J., J.R. Dixon, T.M. Guerra, J.L. McKnight, J. Stuart, and S.K. Davis. (*In press* 2009). Status of U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Proceedings of the 6th Symposium of the Chihuahuan Desert Research Institute.

Rosenthal, J. and M.R.J. Forstner. (*In press* 2009). Effects of a Pleistocene Barrier on Chihuahuan desert herpetofauna. Proceedings of the 6th Symposium of the Chihuahuan Desert Research Institute.

Bailey, L., M.R.J. Forstner, J.R. Dixon, and R. Hudson. (*In press* 2009). The Status of *Pseudemys gorzugi* (The Rio Grande River Cooter) in Texas River Systems. Proceedings of the 6th Symposium of the Chihuahuan Desert Research Institute.

2005

Miller, L.A., J.D. Baldwin, B.K. Mealey, G.M. Parks, and M.R.J. Forstner. 2005. Insights into turtle conservation from observations of the diamondback terrapin, *Malaclemys terrapin* in Florida Bay. Chapter 20; pgs 178-184. In: *Conservation of Florida reptiles and amphibians*. Krieger Publishing, Malabar, FL. ISBN 1-57524-251-6. 334 pgs.

Mealy, B.K., G.M. Parks, J.D. Baldwin, and M.R.J. Forstner. 2005. Island ecology of snakes in the Florida Keys: the Mangrove snake, *Nerodia clarkii compressicauda*, and insular populations of the Eastern diamondback rattlesnake, *Crotalus adamanteus*. Chapter 19; pgs 169-177. In: *Conservation of Florida reptiles and amphibians*. Krieger Publishing, Malabar, FL. ISBN 1-57524-251-6. 334 pgs.

2001

Fitzsimmons, N.N., S. Tanksley, M.R.J. Forstner, E.E. Louis, R. Daglish, J. Gratten, and S. Davis. 2001. Microsatellite markers for *Crocodylus*: new genetic tools for population genetics, mating system studies and forensics. p. 51-57. In: *Crocodile Biology and Evolution*, Grigg, G. C., Seebacher, F. & Franklin, C.E. (eds.). Surrey Beatty, Sydney.

White, C.M., C.G. Messing, M.S. Shivji, and M.R.J. Forstner. 2001. Initial phylogeny of the Comasteridae (Crinoidea) from mtDNA sequences. pgs. 135-138. In: Barker, M. (ed.) *Echinoderms 2000*; Proc. Tenth International Echinoderm Conference, Dunedin, N.Z., 2000. Balkema, Rotterdam.

Forstner, M.R.J. and J.M. Forstner. 2001. Aplicaciones del DNA en la conservación de los crocodrilianos. (Applications of genetics in crocodilian conservation). In: *La Conservación y el Manejo de Caimanes Y Crocodrilos de America Latina Volumen 2. (Conservation and Management of Caimans and Crocodiles of Latin America, Volume 2)*. Luciano M. Verdade and Alejandro Larriera (eds.) La Región, Fundación Banco Bica, Santo Tomé, Sante Fe, Argentina.

f. Creative Books:

N/A

2. Articles**a. Refereed Journal Articles:****2015**

- Adcock, Z.C., A.R. MacLaren, S.F. McCracken and M.R.J. Forstner. 2015. Geographic Distribution. Robertson County, Texas. *Sceloporus consobrinus*. Herpetological Review 46(2):218.
- Brown, D.J., J.R. Ferrato, C.J. White, I. Mali, M.R.J. Forstner, T.R. Simpson. 2015. Resident bird community changes following a high severity wildfire in a southern USA mixed pine/hardwood forest. Forest Ecology and Management 350:13-21.
- Brown, D.J., M. C. Jones, J. Bell, and M. R. J. Forstner. 2015 (2012). Feral hog damage to endangered Houston toad (*Bufo houstonensis*) habitat in the Lost Pines of Texas. Texas Journal of Science 64(2):73-88.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2015. Using calling activity to predict calling activity: a case study with the endangered Houston toad. Journal of North American Herpetology 2015(1):12-16.
- Diaz, P.H., M.R.J. Forstner, and W.H. Nowlin. 2015 (2012). Survey of aquatic macroinvertebrates in a National Wetland in Bastrop County, Texas. Texas Journal of Science 64(1):57-72.
- Farr, W. and M.R.J. Forstner. 2015. Geographic Distribution. Colorado County, Texas. *Syrrophus cystignathoides campi*. Herpetological Review 46(4):559.
- Gold, R.M., S. Schneider, M.R.J. Forstner, S.M. Hoppes, and B.F. Porter. 2015. Pathology in practice: Sarcoptic mange in a coyote. Journal of the American Veterinary Medical Association 246(1):63-65.
- Gomez, A.V., W. Farr, D. Hahn, J.R. Dixon, D. Lazcano, and M.R.J. Forstner. 2015. Absence of *Batrachochytrium dendrobatidis* in eighteen species of amphibians from a variety of habitats in Tamaulipas, Mexico. Herpetological Review 46(1):34-37.
- Hickel, M.R., Z.C. Adcock, S.F. McCracken and M.R.J. Forstner. 2015. Geographic Distribution. Fort Bend County, Texas. *Syrrophus cystignathoides*. Herpetological Review 46(2):211.
- MacLaren, A., Z.C. Adcock, S.F. McCracken and M.R.J. Forstner. 2015. Geographic Distribution. Robertson County, Texas. *Syrrophus cystignathoides*. Herpetological Review 46(2):211-212.
- Magno-naoe, C.F., A.R. MacLaren, S.F. McCracken, and M.R.J. Forstner. 2015. Geographic Distribution. Bell and Hays County, Texas. *Eleuthrodactylus cystignathoides* (= *Syrrophus cystignathoides*). Herpetological Review 46(4):559.
- Mali, I., A. Villamizar-Gomez, T. M. Guerra, M. W. Vandewege, and M.R.J. Forstner. 2015. Population genetics of Texas Spiny Softshell turtles (*Apalone spinifera emoryi*) under various anthropogenic pressures in two distinct regions of their range in Texas. Chelonian Conservation and Biology 14(2):148-156.
- Mali, I., H. Wang, W.E. Grant, M. Feldman, M.R.J. Forstner. 2015. Modeling Commercial Freshwater Turtle Production on US Farms for Pet and Meat Markets. PLOS One DOI:10.1371/journal.pone.0139053
- Parandhaman, A., I. Mali, and M.R.J. Forstner. 2015. Geographic Distribution. Caldwell County, Texas. *Chelydra serpentina* (Common snapping turtle). Herpetological Review 46(4):564.
- Preston, D. and M.R.J. Forstner. 2015. Aggregation status and cue type modify tadpole response to chemical cues. Journal of Fish and Wildlife Management 6(1):199-207.

- Preston, D., and M.R.J. Forstner. 2015. Houston toad (*Bufo [Anaxyrus] houstonensis*) tadpoles decrease their activity in response to predation of conspecific and congeneric (*Bufo [Incilius] nebulifer*) tadpoles. *Journal of Herpetology* 49(2):170-175.
- Sirsi, S. I. Mali, A. Villamizar-Gomez, and M.R.J. Forstner. 2015. Geographic Distribution. Guadalupe County, Texas. *Apalone spinifera guadalupensis*. *Herpetological Review* 46(4):563-564.
- Villamizar-Gomez, A. I. Mali, S. Sirsi and M.R.J. Forstner. 2015. Geographic Distribution. Guadalupe County, Texas. *Chelydra serpentina*. *Herpetological Review* 46(3):381
- 2014**
- Bailey, L., M.R.J. Forstner, J.R. Dixon, and R. Hudson. 2014. Contemporary Status of *Pseudemys gorzugi* (The Rio Grande river cooter) in Texas: Phylogenetic, Ecological, and Conservation considerations. Cathryn A. Hoyt and John Karges (editors) 2014. *Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region* October 14–17, 2004. pp. 335-367.
- Brown, D.J., A. Duarte, I. Mali, M.C. Jones and M.R.J. Forstner. 2014. Impacts of a high severity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. *Herpetological Conservation and Biology* 9(1):192-205.
- Brown, D.J., I. Mali, and M.R.J. Forstner. 2014. Wildfire and post-fire restoration action impacts on microclimate and seedling pine tree survivorship. *Journal of Fish and Wildlife Management* 5(1):174-182.
- Brown, D.J., W.H. Nowlin, E. Ozel, I. Mali, D. Episcopo, M.C. Jones and M.R.J. Forstner. 2014. Comparison of short term low, moderate, and high severity fire impacts to aquatic and terrestrial ecosystem components of a southern USA mixed pine/hardwood forest. *Forest Ecology and Management* 312:179-192.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2014. Documenting extinction in Real Time: Decline of the Houston toad on a primary recovery site. 5(2):363-371
- Farr, W. L. and M.R.J. Forstner. 2014. Geographic Distribution. *Arizona elegans arenicola* (Texas Glossy snake). *Herpetological review* 45(3):464.
- Forstner, M.R.J., J.R. Dixon, T.M. Guerra, J.M. Winters, J.N. Stuart, and S.K. Davis. 2014. Status of U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Cathryn A. Hoyt and John Karges (editors) 2014. *Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region* October 14–17, 2004.
- Mali, I. and M.R.J. Forstner. 2014. Use of stationary microchip reader for monitoring interpond movement of freshwater turtles. *Herpetological Review* 45(1):22-25.
- Mali, I. D. Haynes, and M.R.J. Forstner. 2014. Effects of bait type, bait age, and trap hours on capture success of freshwater turtles. *Southeastern Naturalist* 13(3):619-625.
- Mali, I., D. J. Brown, J. R. Ferrato, and M. R. J. Forstner. 2014. Sampling freshwater turtle populations using hoop nets: testing potential biases. *Wildlife Society Bulletin* DOI: 10.1002/wsb.427.
- Mali, I., M. Vandewege, S.K. Davis, and M.R.J. Forstner. 2014. Magnitude of the Freshwater Turtle Exports from the US: Long Term Trends and Early Effects of Newly Implemented Harvest Management Regimes. *PLOS One* DOI:10.1371/journal.pone.0086478.
- McCracken, S. and M.R.J. Forstner. 2014. Herpetofaunal community of a high canopy tank bromeliad (*Aechmea zebrina*) in the Yasuní Biosphere Reserve of Amazonian Ecuador, with comments on the use of “arboreal” in the herpetological literature. *Amphibian and Reptile Conservation* 8(1):65-75.
- McCracken, S.M. and M.R.J. Forstner. 2014. Oil Road Effects on the Anuran Community of a High Canopy Tank Bromeliad (*Aechmea zebrina*) in the Upper Amazon Basin, Ecuador. *PLOS One*. DOI: 10.1371/journal.pone.0085470.

Mealey, B. K., J.D. Baldwin, G.B. Parks-Mealey, G.D. Bossart, and M.R.J. Forstner. 2014. Characteristics of mangrove diamondback terrapins (*Malaclemys terrapin rhizophorarum*) inhabiting altered and natural mangrove islands. *The Journal of North American Herpetology* 1:76-80.

Rosenthal, J. and M.R.J. Forstner. 2014. Effects of a Pleistocene Barrier on Chihuahuan desert herpetofauna. Cathryn A. Hoyt and John Karges (editors) 2014. *Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region* October 14–17, 2004. pp. 269–282.

2013

Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2013. Predictive models for calling and movement activity of the endangered Houston toad (*Bufo houstonensis*). *American Midland Naturalist* 169(2):303-321.

Lindsay, M.K., Y.X. Zhang, M.R.J. Forstner, and D. Hahn. 2013. Effects of the freshwater turtle (*Trachemys scripta elegans*) on ecosystem function: an approach in experimental ponds. *Amphibia-Reptilia* 34:75-84.

Mali, I., B.E. Dickerson, D. Brown, J.R. Dixon and M.R.J. Forstner. 2013. Road density not a major driver of Red-eared sliders (*Trachemys scripta elegans*) population demographics in the lower Rio Grande Valley of Texas. *Herpetological Conservation and Biology* 8(1):131-140.

Mali, I., D.J. Brown, M.C. Jones, and M.R.J. Forstner. 2013. Hoop net escapes and influence of traps containing turtles on Texas Spiny Softshell (*Apalone spinifera emoryi*) captures. *Herpetological Review* 44(1):44-46.

Sha, Q., D.A. Vatter, M.R.J. Forstner, and D. Hahn. 2013. Quantifying *Salmonella* population dynamics in water and biofilms. *Microbial Ecology* 65: 60-67. DOI 10.1007/s00248-012-0106-y

Sha, Q., M.R.J. Forstner, and D. Hahn. 2013. Diversity of *Salmonella* in biofilms and water in a headwater ecosystem. *FEMS Microbiology Ecology* 83(3):642-649.

Sha, Q., M.R.J. Forstner, T. Bonner, and D. Hahn. 2013. Salmonellae in fish feces analyzed by *in situ* hybridization and quantitative polymerase chain reaction. *Journal of Aquatic Animal Health* 25:184-190.

Vandewege, M.W., D. Brown, T.S. Swannack, K. Greuter and M.R.J. Forstner. 2013. Breeding site fidelity and terrestrial movement of an endangered amphibian, the Houston toad (*Bufo houstonensis*) *Herpetological Conservation and Biology* 8(2):435-446.

2012

Brown, D.J., A.D. Schultz, J.R. Dixon, B.E. Dickerson, and M.R.J. Forstner. 2012. Decline of Red-eared sliders (*Trachemys scripta elegans*) and Texas Spiny Softshells (*Apalone spinifera emoryi*) in the Lower Rio Grande Valley of Texas. *Chelonian Conservation and Biology* 11(1):138-143.

Brown, D., J.R. Dixon, and M.R.J. Forstner 2012. A visual summary of herpetofaunal diversity in Texas. *SWAN*. 57(4):468-470.

Brown, D.J., B. DeVold, W.H. Nowlin, and M.R.J. Forstner. 2012. Fire ants in Houston toad habitat: Annual activity and responses to canopy cover and fire. *Journal of Fish and Wildlife Management* 3(1):142-149.

Brown, D.J., G. Street, R. Nairn, and M.R.J. Forstner. 2012. A place to call home: A review of amphibian use of created and restored wetlands. *International Journal of Ecology* 2012:989872, 11pg doi:10.1155/2012/989872.

Farallo, V. and M.R.J. Forstner. 2012. Predation and the maintenance of color polymorphism in a habitat specialist squamate. *PLOS One*.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0030316>

- Jones, M., D.J. Brown, I. Mali, and M.R.J. Forstner. 2012. Public Knowledge and Support for Recovery of the Endangered Houston Toad (*Bufo houstonensis*) in Bastrop, Texas. *Human Dimensions in Wildlife* 17(3):220-224.
- Mali, I., D.J. Brown, M.C. Jones, and M.R.J. Forstner. 2012. Switching bait as a method to improve freshwater turtle capture and recapture success with hoop net traps. *SENA* 11(2):311-318.
- Rodriguez, D., M.R.J. Forstner, D.L. McBride, L.D. Densmore, and J.R. Dixon. 2012. Low genetic diversity and evidence of population structure among subspecies of *Nerodia harteri*, a threatened watersnake endemic to Texas. *Conservation Genetics* 13(4):977-986.
- Vandewege, M.W., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2012. Comparative population genetic variation of *Elaphe bairdi* and *Elaphe obsoleta* including evidence of their hybridization inferred from microsatellite and mitochondrial data. *Journal of Herpetology* 46(1):56-63.
- 2011**
- Bean, P., D. McHenry, T.H. Bonner, J.T. Jackson, and M.R.J. Forstner. 2011. An extant population of Headwater catfish (*Ictalurus lupus*) in a western gulf slope drainage. *SWAN* 56(2):287-291.
- Brown, D., J.T. Baccus, D.B. Means, M.R.J. Forstner. 2011. Potential positive effects of fire on juvenile amphibians in a southern USA pine forest. *Journal Fish and Wildlife Management* 2(2):135-145.
- Brown, D., I. Mali, and M.R.J. Forstner. 2011. No difference in short-term temporal distribution of trapping effort on hoop net capture efficiency for freshwater turtles. *Southeastern Naturalist* 10(2):245-250.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2011. Escapes from hoop nets by Red-eared sliders (*Trachemys scripta elegans*). *Southwestern Naturalist* 56(1):124-127.
- Brown, D.J., V.R. Farallo, J.R. Dixon, J.T. Baccus, T.R. Simpson, M.R.J. Forstner. 2011. Freshwater turtle conservation in Texas: Lingering harvest effects and efficacy of the current management regime. *JWM* 75(3):486-494.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. *Journal Fish and Wildlife Management* 2(2): 207-215.
- Gaertner, J.P., J.A. Mendoza, T. Neang, M.R.J. Forstner, and D. Hahn. 2011. Detection of *Batrachochytrium dendrobatidis* in frogs from different locations in Cambodia. *Herpetological Review* 42(4):542-545.
- Gaertner, J.P., J.A. Mendoza, M.R.J. Forstner, D. Hahn. 2011. Recovery of Salmonella from biofilms in a headwater spring ecosystem. *Journal of Water and Health*. doi: 10.2166/wh.2011.173
- Jones, M., J.R. Dixon, and M.R.J. Forstner. 2011. Is bigger always better? Mate selection in the Houston Toad (*Bufo houstonensis*). *Journal of Herpetology* 45(4): 455-456.
- Mendoza, J.A., J.P. Gaertner, J. Holden, M.R.J. Forstner, and D. Hahn. 2011. Detection of *Batrachochytrium dendrobatidis* on amphibians in Pursat Province, Cambodia. *Herpetological Review* 42(4):546-549.
- Nuckels, R.J., M.R.J. Forstner, E.L. Capalbo, and D.M. Garcia. 2011. Developmental expression of Muscarinic receptors in the eyes of Zebrafish (*Danio rerio*). *Brain Research* 1405:85-94. doi:10.1016/j.brainres.2011.06.016
- Pruett, C. L., S.M. Tanksley, K.M. Hogan, M. Small, J.F. Taylor, and M.R.J. Forstner. 2011. The effects of range expansion on the population genetics of white-winged doves in Texas. *American Midland Naturalist* 166(2):415-425.
- Rodriguez, D., M.R.J. Forstner, P. Moler, J.A. Wasilewski, M.S. Cherkiss, and L.D. Densmore III. 2011. Effect of human-mediated migration and hybridization on the recovery of the

American crocodile in Florida (USA). *Conservation Genetics* 12(2): 449-459, DOI: 10.1007/s10592-010-0153-1

Sha, Q., A. Gunathilake, M.R.J. Forstner, and D. Hahn. 2011. Temporal analyses of the distribution and diversity of *Salmonella* in natural biofilms. *Systematic and applied microbiology* 34:353-359

2010

Devolld, B., J.R. Dixon, and M.R.J. Forstner. 2010. Reproduction. *Thamnophis proximus*. *Herpetological Review* 44(4): 504.

Farallo, V. and M.R.J. Forstner. 2010. An improved funnel trap for drift-fence surveys. *SWAN* 55(3):457-460.

Farallo, V.R., M. Sasa, D.K. Wasko, M.R.J. Forstner. 2010. Out of the lab and into the field: a field study of black spiny-tailed iguanas (*Ctenosaura similis*) foraging behavior in the presence of predator cues. *Phyllomedusa* 9(2):99-109.

Forstner, M.R.J. and J.R. Dixon. 2010. Oviposition. *Heterodon platirhinos*. *Herpetological Review* 41(3):364-365.

Fujii, A. and M.R.J. Forstner. 2010. Genetic Variation and Population Structure of the Texas Tortoise, *Gopherus berlandieri* (Testudinidae), with Implications for Conservation. *Chelonian Conservation Biology* 9(1):61-69.

Gaertner, J., D. McHenry, M.R.J. Forstner, D. Hahn. 2010. Annual variation of *Batrachochytrium dendrobatidis* in the Houston toad (*Bufo houstonensis*) and a sympatric congener (*Bufo nebulifer*). *Herp Review* 41(4):456-459.

Gaston, M.A., A. Fujii, F. Weckerly, and M.R.J. Forstner. 2010. Potential Component Allee Effects and Their Impact on Wetland Management in the Conservation of Endangered Anurans. *PLoS ONE* 5(4): e10102. doi:10.1371/journal.pone.0010102.

2009

Brown, D. and M.R.J. Forstner. 2009. A safe and efficient technique for handling of *Siren spp.* and *Amphiuma spp.* in the field. *Herpetological Review* 40(2):169-170.

Dickerson, B. E., A.D. Schultz, D.J. Brown, B. DeVold, M.R.J. Forstner, and J.R. Dixon. 2009. Geographic Distribution (Hidalgo County). *Chelydra serpentina serpentina*. *Herpetological Review* 40(4):448.

Farallo, V., R.L. Swanson, G.R. Hood, J.R. Troy, and M.R.J. Forstner. 2009. New county records for the Mediterranean gecko (*Hemidactylus turcicus*) in Central Texas, with comments on human-mediated dispersal. *Applied Herpetology* 6:196-198.

Gaertner, J., M.R.J. Forstner, L. O'Donnell, D. Hahn. 2009. Detection of *Batrachochytrium dendrobatidis* in endemic salamander species from Central Texas. *EcoHealth* 6(1):1612-9202.

Gaertner, J., T. Garres, J.C. Becker, M.L. Jimenez, M.R.J. Forstner, F.L. Rose, and D. Hahn. 2009. Temporal analyses of Salmonellae in a headwater spring ecosystem. *Journal of Water and Health* 7(1):115-121.

Gaertner, J.P., M.A. Gaston, D. Spontak, M.R.J. Forstner, and D. Hahn. 2009. Seasonal variation in the detection of *Batrachochytrium dendrobatidis* in a Texas population of Blanchard's cricket frog (*Acris crepitans blanchardi*). *Herpetological Review* 40(2):184-187.

McCracken, S., J.P. Gaertner, M.R.J. Forstner, and D. Hahn. 2009. Detection of *Batrachochytrium dendrobatidis* in amphibians from the Upper Amazon Basin (Yasuni National Park, Ecuador). *Herpetological Review* 40(2):190-194.

Small, M.F., M.R.J. Forstner, J.T. Baccus. 2009. Are karyotypes representative of taxonomy?: a simple test in R. *Texas Journal of Science* 61(3):195-202.

Swannack, T.M., W. Grant, and M.R.J. Forstner. 2009. Projecting population trends of endangered amphibian species in the face of parametric uncertainty. *Ecological Modeling* 220(2):148-159.

- Swanson, R., Farallo, V., J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2009. Geographic distribution. (Blanco County). *Hemidactylus turcicus*. Herpetological Review 40(4):453.
- Vandewege, M.W., A. Harper, V. Farallo, and M.R.J. Forstner. 2009. Geographic Distribution (Guadalupe County). *Gastrophryne olivacea*. Herpetological Review 40(4):445-446.
- 2008**
- Bailey, L.A., J.R. Dixon, R. Hudson, and M.R. J. Forstner. 2008. Minimal genetic structure in the Rio Grande cooter (*Pseudemys gorzugi*). SWAN 53(3):406-411.
- Brown, D., J.R. Dixon and M.R.J. Forstner. 2008. Geographic distribution. *Graptemys pseudogeographica kohni*. Herpetological Review 39(4):481.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Hays County, Texas. (*Lithobates sphenacephala*) (= *Rana sphenacephala*). Herpetological Review 39(3):363.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Guadalupe County, Texas. *Hemidactylus turcicus*. Herpetological Review 39(3):368.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. McMullen County, Texas. *Coluber constrictor flaviventris*. Herpetological Review 39(4):484.
- Ferguson, A.W., W. Weckerly, J.T. Baccus, M.R.J. Forstner. 2008. Estimates and Effects of Vertebrate Predation on Drift Fence Associated Pitfall Traps. SWAN 53(4):450-457.
- Ferguson, A.W., M. McDonough, and M.R.J. Forstner. 2008. Herpetofaunal Inventory of Camp Mabry, Austin Texas: Community composition in an Urban Landscape. Texas Journal of Science 60(2):123-136.
- Fujii, A., D. Welchert, M.R.J. Forstner. 2008. Geographic distribution. Aransas County, Texas. *Gopherus berlandieri*. Herpetological Review 39(4):481.
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3. Abstracts:

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- Marsh, M., M.R.J. Forstner, and T. Parker. 2015. Abstract. Measuring the Effects of The Red Imported Fire Ant (*Solenopsis invicta*) on juvenile Houston Toads (*Bufo houstonensis*) in a coastal prairie grassland. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Villamizar-Gomez, A., W. Keitt, W. Farr, and M.R.J. Forstner. 2015. Abstract. Using roadkill as a proxy for amphibian disease assessment. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- MacLaren, A., S.F. McCracken, and M.R.J. Forstner. 2015. Abstract. Presence/Absence surveys for the endangered Houston toad: the federal guidelines in 20:20 hindsight. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Adcock, Z.C. and M.R.J. Forstner. 2015. Abstract. Investigating microhabitat parameters for federally threatened Jollyville Plateau salamanders. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.

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- Adcock, Z. and M.R.J. Forstner. 2015. Abstract. Defining habitat for the Federally Threatened Jollyville Plateau Salamander (*Eurycea tonkawae*). 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.
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- 2013
- Forstner, M.R.J., D. Brown, T.M. Swannack, M.C. Jones and J.R. Dixon. 2013. **Abstract.** The Houston toad (*Bufo houstonensis*): paths to extinction or recovery. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Jones, M., M.W. Vandewege and M.R.J. Forstner. 2013. **Abstract.** Head-starting and Captive Propagation of the Houston toad (*Bufo houstonensis*): Tools used for population supplementation in an endangered amphibian. 5th Annual International Research Conference for Graduate Students. November 6-7, 2013, Texas State University, San Marcos, TX.
- Jones, M., M.W. Vandewege and M.R.J. Forstner. 2013. **Abstract.** Efficacy and Efficiency of Head-starting and Captive Propagation of the Houston toad (*Bufo houstonensis*). Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Mali, I., M.W. Vandewege, S.K. Davis, and M.R.J. Forstner. 2013. **Abstract.** International markets and national impacts to biodiversity: the magnitude of freshwater turtle exports from the US and recent regulatory outcomes. 5th Annual International Research Conference for Graduate Students. November 6-7, 2013, Texas State University, San Marcos, TX.
- Villamizar, A., D. Hahn, and M.R.J. Forstner. 2013. **Abstract.** Prevalence of *Batrachochytrium dendrobatidis* in Tamualipas, MX. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Mali, I., M.W. Vandewege, S.K. Davis, and M.R.J. Forstner. 2013. **Abstract.** Are newly implemented harvest management regimes the best strategy for protection of wild freshwater turtle populations in the Southeast USA? Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Rodriguez, D., D. Hahn, M.R.J. Forstner. 2013. **Abstract.** Evaluating competing hypotheses for the origin and pathogen dynamics of the amphibian-killing fungus, *Batrachochytrium dendrobatidis*, in light of recent, global retrospective surveys and genomic data. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Jones, M. and M.R.J. Forstner. 2013. **Abstract.** Testing habitat restoration options in the Houston toad (*Bufo houstonensis*) with the aftermath of catastrophic wildfire in Texas. 60th Annual meeting of the Southwestern Association of Naturalists, 4-7 April, McNeese State University, Lake Charles, Louisiana, USA.
- Mali, I., and M.R.J. Forstner. 2013. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. 18th Annual Biology Student Colloquium, March 22, 2013, Texas State University, San Marcos, TX.
- Villamizar, A., and M.R.J. Forstner. 2013. **Abstract.** Presence of *Batrachochytrium dendrobatidis* and *Ranavirus* in Central Texas. 18th Annual Biology Student Colloquium, March 22, 2013, Texas State University, San Marcos, TX.
- Brown, D.J. and M.R.J. Forstner. 2013. **Abstract.** Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Texas Academy of Science. 116th Annual Meeting, Texas Academy of Science, February 28-March 2, 2013, Schreiner University, Kerrville, Texas. *winner 1st Place, Best student oral presentation.

Mali, I., D.J. Brown, and M.R.J. Forstner. 2013. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. Texas Academy of Science. 116th Annual Meeting, Texas Academy of Science, February 28-March 2, 2013, Schreiner University, Kerrville, Texas. *winner 2nd Place, Best student oral presentation.

2012

- Villamizar, A., S. Miller, D. Hahn, and M.R.J. Forstner. 2012. **Abstract.** Chytridiomycosis: A Disease Affecting Amphibian Communities in Central Texas. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Wallace, D., V.R. Farallo, D. Buzo and M.R. J. Forstner. 2012. **Abstract.** Analyzing Houston Toad habitat fragments for viability in the face of ongoing fragmentation, severe drought, and catastrophic wildfire. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Ozel, E., D.J. Brown, D.B. Preston and M.R. J. Forstner. 2012. **Abstract.** How do fire ants (*Solenopsis invicta*) respond to the changes brought on by last year's wildfires in the Lost Pines region of Texas. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Mali, I., M.R.J. Forstner, and H. Wang. 2012. **Abstract.** Use of demographic sensitivity analysis in management of freshwater turtle harvest. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Brown, D., A. Duarte, I. Mali, M.C. Jones and M.R. J. Forstner. 2012. **Abstract.** Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Preston, D. and M.R. J. Forstner. 2012. **Abstract.** Predation-related chemical cues decrease the activity levels of Houston Toad (*Bufo*[*Anaxyrus*] *houstonensis*). Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Villamizar, A., S. Miller, D. Hahn, and M.R.J. Forstner. 2012. **Abstract.** Prevalence of *Batrachochytrium dendrobatidis* in amphibian populations in Central Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Brown, D.J., A. Duarte, I. Mali, M.C. Jones, and M.R.J. Forstner. 2012. **Abstract.** - Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Ozel, E., D.J. Brown, D.B. Preston, and M.R.J. Forstner. 2012. **Abstract.** The Effect of Canopy Cover, Prescribed Fire, Temperature and Precipitation on Annual RIFA Activity in the Lost Pines Ecoregion of Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Jones, M. and M.R.J. Forstner. 2012. **Abstract.** Habitat suitability and head-start efficiency and effectiveness testing in the endangered Houston toad (*Bufo houstonensis*). Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- McCracken, S.F. and M.R.J. Forstner. 2012. **Abstract.** Just how bad are roads, anyway? Oil road effects on the anuran community of a high canopy tank bromeliad. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Preston, D. and M.R.J. Forstner 2012. **Abstract.** Chemically Mediated Predator Avoidance Behaviors in Tadpoles of the Federally Endangered Houston Toad (*Bufo* [*Anaxyrus*])

- houstonensis*) and Their Ecological Implications. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Wallace, Derek*, Farallo, Vincent, Buzo, Daniela, Forstner, Michael R.J. 2012. **Abstract.** Analyzing Houston Toad habitat fragments for viability in the face of ongoing fragmentation, severe drought, and catastrophic wildfire. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- McCracken, S. and M.R.J. Forstner. 2012. **Abstract.** Living on the edge: Oil road effects on the abundance and occupancy of anurans inhabiting an upper canopy tank bromeliad (*Aechmea zebrina*) in lowland rainforest of the Yasuni Biosphere Reserve, Amazonian Ecuador. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Mali, I. and M.R.J. Forstner. 2012. **Abstract.** Sustainability as applied to the use of chelonians worldwide. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2012. **Abstract.** A Race Against Extinction: Research to Inform Recovery Efforts for the Critically Endangered Houston Toad. . 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Jones, M.C., M. Vandewege, and M.R.J. Forstner. 2012. **Abstract.** Testing the efficacy of headstarting the critically endangered Houston toad (*Bufo houstonensis*) using high resolution genotypic markers and capture-recapture field studies. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Preston, D. and M.R.J. Forstner. 2012. **Abstract.** Chemically mediated predator avoidance behavior in the Coastal plains toad (*Bufo nebulifer*). 17th Annual Biology Student Colloquium, Mar 23, 2012, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2012. **Abstract.** Anthropogenic and ecological effects on anurans inhabiting an upper canopy tank bromeliad (*Aechmea zebrina*) in Yasuni Biosphere Reserve, Amazonian Ecuador. 17th Annual Biology Student Colloquium, Mar 23, 2012, Texas State University, San Marcos, TX.
- 2011
- Sha, Q., M.R.J. Forstner, X. Vatten, and D. Hahn. 2011. **Abstract.** Assessing pathogenicity of Salmonella isolates from natural biofilms. 3rd Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. 3rd Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Harper, A.L. and M.R.J. Forstner. 2011. **Abstract.** Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Mali, I., D.J. Brown, M.R.J. Forstner. 2011. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Preston, D. and M.R.J. Forstner. 2011. **Abstract.** Chemically mediated predator avoidance behavior in the endangered Houston toad (*Bufo houstonensis*) using the Coastal Plain toad (*Bufo nebulifer*) as a proxy. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Wallace, D., V. Farrallo, D. Buzo, and M.R.J. Forstner. 2011. **Abstract.** Prioritizing the remaining Houston toad habitat remnants for conservation in the face of ongoing fragmentation and wildfire. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.

- Jones, M.C., D.J. Brown, I. Mali, A. McKinney, and M.R.J. Forstner. 2011. **Abstract.** Assessment of Public Knowledge and Support for Recovery of the Endangered Houston Toad (*Bufo houstonensis*) in Bastrop, Texas. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2011. **Abstract.** Influence of abiotic factors on activity patterns of the endangered Houston toad (*Bufo houstonensis*). Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M., M.R.J. Forstner and J.R. Dixon. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Brown, D., J.T. Baccus, D.B. Means and M.R.J. Forstner. 2011. **Abstract.** Short-term outcomes for juvenile amphibians after fire in a southern USA pine forest. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Mali, I., M.R.J. Forstner and D. Brown. 2011. **Abstract.** Conservation and sustainable use of turtle populations worldwide: Past, present, and future strategies. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. **Abstract.** Predation and the maintenance of color polymorphism in a habitat specialist squamate. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Harper, A. and M.R.J. Forstner. 2011. **Abstract.** Assessing impacts of drought on herpetofauna. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2011. **Abstract.** Multi-rotor UAVS- A new tool for Biologists. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. **Abstract.** Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Vandewege, M. and M.R.J. Forstner. **Abstract.** Testing pedigree reconstruction to assess short term effects of head-starting on a Houston toad population. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. **Abstract.** Toward sustainable worldwide utilization of Chelonians. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. **Abstract.** Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Mahato, N. and M.R.J. Forstner. 2011. **Abstract.** A general habitat suitability model for the endangered Houston toad (*Bufo houstonensis*) from remote sensing data. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.

- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas. *winner Honorable Mention, Best student oral presentation.
- Brown, D., T.M. Swannack and M.R.J. Forstner. **Abstract.** Influence of weather on capture variability for amphibians in the Lost Pines of Texas. Texas Chapter, Wildlife Society, Feb 17-19, 2011. San Antonio, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. **Abstract.** Conservation and Sustainable Use of Turtle Populations Worldwide: Past, Present, and Future Strategies. Seventh International Conference on Environmental, Cultural, Economic, and Social Sustainability. 5-7, January 2011. University of Waikato, New Zealand.
- 2010
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Determining endangered species habitat in the face of cryptic species and few occupancy surveys: an example from the red panda (*Ailurus fulgens*) in Nepal. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky. *winner 2010 Student Scholarship (\$600).
- Howard, L.L. M.E.B. Jones, J.P. Flangan, P.S. Crump, M.L. Marin, T.P. Prim, M.R.J. Forstner, A.P. Pessier. 2010. Abstract. Disseminated Mycobacteriosis in a headstart colony of Houston toads (*Bufo houstonensis*). "Wildlife and Ecosystem Health Without Borders." In conjunction with the AAZV/AAWV/ARAV Annual Conference. Trilateral Meeting of the Canadian, Mexican, and United States Wildlife Veterinary and Conservation. South Padre Island, Texas, USA. Oct 24-25, 2010.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. Bimodal pattern of hybridization between Baird's rat snake and the Texas rat snake inferred from mitochondrial and nuclear DNA data. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Dickerson, B. and M.R.J. Forstner. 2010. Abstract. Effects of urbanization and road densities on the populations of *Trachemys scripta elegans* in the Lower Rio Grande valley. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2010. Abstract. Red-eared slider (*Trachemys scripta elegans*) hoop net escapes: size versus sex. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX. *Runner-up best student presentation (Graduate level)
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Inferring Population Changes of Freshwater Turtles in South Texas. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Devolld, B. and M.R.J. Forstner. 2010. Abstract. The effects of prescribed fire on red-imported fire ant (*Solenopsis invicta*) populations around ponds in the Lost Pines ecoregion of Texas. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. A distribution model for guidance toward the conservation planning of red panda (*Ailurus fulgens*) in Nepal. 11th Ecological Integration Symposium, Understanding Patterns and Processes across Scales, March 26-27, 2010, Texas A&M University, College Station, Texas.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. Characterizing natural levels of interspecific admixture in an endangered toad, (*Bufo houstonensis*). 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Farallo, V.R. and M.R.J. Farallo. 2010. Abstract. Maintenance of polymorphism in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.

- Harper, A. and M.R.J. Forstner. 2010. Abstract. Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Turtle trends in the Lower Rio Grande Valley across thirty years with both long and short-term replication. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2010. Abstract. Status and conservation of the galliformes population in Pipar and the importance of the adjacent Santel area for pheasant conservation in Nepal. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Vandewege, M., McHenry, D. and M.R.J. Forstner. 2010. Abstract. Evidence of multiple paternity in the critically endangered Houston toad (*Bufo houstonensis*). 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. The bittersweet success of headstarting in the Houston toad (*Bufo houstonensis*). 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. The hybrid zone between (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) in Texas inferred from microsatellite and mitochondrial DNA data. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Farallo, V.R and M.R.J. Farallo. 2010. Abstract. Are the color forms in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2010. Abstract. Potential component Allee effects and their consequences in Houston toad (*Bufo houstonensis*) stewardship. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2010. Abstract. Road densities as a proxy for urbanization effects using the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. Texas Chapter of the Wildlife Society Annual Meeting, Feb 18-20th, Galveston, Texas.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Distribution and GIS-based habitat modeling of red panda (*Ailurus fulgens*) in Nepal. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- 2009
- McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. Abstract. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. 89th Annual meeting of the American Society of Ichthyologists and Herpetologists & Joint meeting of Ichthyologists and Herpetologists, 22-27 July, Portland, Oregon.
- Gaston, M.A., T.R. Simpson, F.L. Rose, and M.R.J. Forstner. 2009. Abstract. Geographic variation in male cricket frogs (*Acris blanchardi*): a behavioral and morphological assessment across three central Texas river basins, with comments on systematics. SWAN, Monterrey MX, April 2009.

- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2009. Abstract. Allee effects in a critically endangered Texas toad (*Bufo houstonensis*): possible negative impacts of artificial ponds. SWAN, Monterrey MX, April 2009.
- McCracken, S.F., J.P. Gaertner, M.R.J. Forstner, and D. Hahn. 2009. Abstract #214. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. Texas Academy of Science, Junction, TX. March 5-7 2009.
- Gaertner, J.P., M.A. Gaston, D. Spontak, M.R.J. Forstner, D. Hahn. 2009. Abstract #262. Seasonal variation in the detection of *Batrachochytrium dendrobatidis* in a Texas population of Blanchard's cricket frog (*Acris crepitans blanchardi*). Texas Academy of Science, Junction, TX. March 5-7 2009.
- McHenry, D. and M.R.J. Forstner. 2009. Abstract #217. Identification of Texas bufonids using mitochondrial markers. Texas Academy of Science, Junction, TX. March 5-7 2009.
- Farallo, V. and M.R.J. Forstner. 2009. Abstract #200. Two are better than one: improved funnel trap design. Texas Academy of Science, Junction, TX. March 5-7 2009.
- 2008
- Fujii, A and M.R.J. Forstner. 2008. Abstract. The Texas Tortoise (*Gopherus berlandieri*) the only *Gopherus* without a plan; defining conservation units in Southern Texas. Joint meeting TSA and IUCN/SSC Tortoise and freshwater turtle specialist group. Sept 17-20, Tucson, AZ.
- Fujii, A and M.R.J. Forstner. 2008. Abstract. Phylogeography and Conservation of the Texas Tortoise (*Gopherus berlandieri*) in Southern Texas. SW PARC meeting, June 5-8, 2008, Austin, TX.
- Forstner, M.R.J., D. McHenry, D. Buzo, and J.R. Dixon. Abstract. Active stewardship toward recovery of the Houston toad (*Bufo houstonensis*). SW PARC meeting, June 5-8, 2008, Austin, TX.
- Forstner, M.R.J., J. Jackson, L. Bailey, and J.R. Dixon. Abstract. The Status of *Trachemys gaigeae* and *Pseudemys gorzugi* (Reptilia: Emydidae) in the Rio Grande Basin. SW PARC meeting, June 5-8, 2008, Austin, TX.
- Buzo, D., M.R.J. Forstner, M.C. Green and M.A. Fonstad. Abstract. A GIS predictive habitat distribution model for the Houston toad (*Bufo houstonensis*) in Bastrop and Lee counties, Texas. 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas. *Winner Honorable Mention Best Graduate Student Oral Presentation \$50.
- Duvall-Jisha, J.H., A. Blair, M.R.J. Forstner. Abstract. Arthropod diversity during drought conditions. 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- McCracken, S. and M.R.J. Forstner. Abstract. Does the canopy hold a missing piece of the Amazon rainforest amphibian diversity? New species from a new frontier in Yasuní National Park - Amazonian Ecuador. 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- McHenry, D.J. and M.R.J. Forstner. Abstract. Preliminary results from a population genetics study of coastal plains toads (*Bufo nebulifer*). 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Parlos, J. and M.R.J. Forstner. Abstract. From Texas to California: population genetic and phylogenetic results in the Cave myotis. 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Parlos, J. and M.R.J. Forstner. Abstract. Intrapsecific Variation among Cave Myotis Inferred from the Mitochondrial Cytochrome b Gene. Texas Society of Mammalogists, 26th annual meeting, 22-24 February, Junction, Texas.
- Rodriguez, D. J.D. McVay, M.R.J. Forstner, L.D. Densmore. Abstract. Population genetics of the Concho water snake (*Nerodia paucimaculata*) in comparison to Harter's water snake

- (*Nerodia harteri*) and the blotched water snake (*Nerodia erythrogaster transversa*). 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, M.R.J. Forstner, and L.D. Densmore. Abstract. Population genetics of the Texas rat snake (*Elaphe obsoleta lindheimeri*). 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Weaver, J.P., D. Rodriguez, M. Venegas-Anaya, J.R. Cedeno-Vasquez, M.R.J. Forstner, and L.D. Densmore. Abstract. Incongruence of species designations as determined by mitochondrial and nuclear DNA: an example from the Cuban crocodile (*Crocodylus rhombifer*). 111th Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Bean, P., T.H. Bonner, J.T. Jackson, and M.R.J. Forstner. Abstract. An extant population of Headwater catfish (*Ictalurus lupus*) in a western gulf slope drainage. 2008 Annual meeting of the Texas Chapter, American Fisheries Society. Jan 17-19, 2008, Junction, TX.
- 2007
- Parlos, J.A. and M.R.J. Forstner. 2007. Abstract. Preliminary population genetic and phylogeographic results in the Cave myotis (*Myotis velifer*) across Texas. 37th NASBR and XIV International Bat research conference, Merida, Mexico. August, 19-23 2007.
- Gaertner, J.P., M.R.J. Forstner, F. Rose, and D. Hahn, and. 2006. Abstract. Detection of salmonellae in wild turtles and their aquatic habitats. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- Rodriguez, D., M.R.J. Forstner, P. Moler, and L.D. Densmore III. 2007. Abstract. Genetic structure of the American crocodile (*Crocodylus acutus*) in Florida and evidence of hybridization inferred from mitochondrial and nuclear markers. 3rd International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
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- Stout, D.J., J.H. Duvall-Jisha, and M.R.J. Forstner. 2015. Interim Report. Welsh Tract Federal Fuel reduction: 2015 third quarterly report on migratory bird and Houston toad compliance monitoring. Submitted to Bastrop County Emergency Management. 10pgs.
- Rodriguez, D. S. McCracken, J.H. Duvall-Jisha, and M.R.J. Forstner. 2015. Final Report. Bastrop County rights of way restoration and recovery operations from the Bastrop Complex Fire of 2011: Endangered species monitoring 2014-2015. Submitted to Bastrop County Emergency Management. 10pgs
- MacLaren, A., S.F. McCracken and M.R.J. Forstner. 2015. Final Report. Houston toad (*Bufo houstonensis*) chorus survey Bastrop State Park, Bastrop County, Texas. Submitted to TPWD. September 17, 2015. 11pgs.
- Jones, M.C. and M.R.J. Forstner. 2015. Final report. Testing habitat restoration options in the Houston toad (*Bufo houstonensis*) with the aftermath of the Bastrop County Complex Fire. Project E-149. Submitted to TPWD and USFWS. August 28, 2015. 46pgs. 78pgs
- Jones, M.C., M.W. Vandewege, and M.R.J. Forstner. 2015. Final Report. Population supplementation: a proven means toward endangered species recovery for the Houston toad (*Bufo houstonensis*). Final report for Preventing Extinction II. Submitted to USFWS, August 28, 2015. 37pgs.
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- Forstner, M.R.J. 2002. Final Technical Report. Houston toad audio survey: ColoVista. Submitted to ColoVista properties, Bastrop County, TX. 6 pg.
- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2002. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch spring meeting, American Society for Microbiology. San Antonio, TX.
- Forstner, M.R.J. 2002. Final Technical Report. Houston toad research and surveys: CAC-Lost Pines & Griffith League Ranch, Bastrop County, Texas. Capital Area Council-Boy Scouts of America. 20 pg.
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- Forstner, M.R.J. 2001. Final report of Houston toad surveys and observations on the Griffith League Ranch, Bastrop County, Texas for 2001. Final Technical Report. Capital Area Council-Boy Scouts of America/USFWS. 32pg.
- Forstner, M.R.J. and J.R. Dixon. 2001. Final Technical Report. Report of Houston toads (*Bufo houstonensis*) surveys in Lee County, TX. David Jackson, Jackson and Sjoberg, LLC. Austin, TX. 7pg.
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- Forstner, M.R.J. and J.R. Dixon. 2000. Final Technical Report. An overview and genetic assessment of the occurrence of Houston toads on the Three Oaks lignite mine site. Jackson and Sjoberg, LLC. Austin, Texas. 19 pg.
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- 1999
- Forstner, M.R.J., J.M. Forstner, J.R. Dixon, and S.K. Davis. 1999. Final Technical Report. The population status and genetic variation in U.S. populations of the Big Bend slider (*Trachemys gageae*). Species At Risk program of the USGS. 30 pg.

5. Book Reviews:

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- Forstner, M.R.J. 2006. Book Review. Merker, G. and W. Merker. 2006. Grey banded kingsnakes. 80pgs. LM Digital publishers. Benicia, California, US. Texas Herpetological Society Newsletter 68(1&2):12.
- Forstner, M.R.J. 2006. Book Review. Mulks, M. 2005. Zonata: The California Mountain Kingsnake. 64pgs. LM Digital publishers. Benicia, California, US. Texas Herpetological Society Newsletter 68(1&2):12.

- Forstner, M.R.J. 1999. Book Review. Miglani, G.S. *Dictionary of plant genetics and molecular biology*. 348 pg. Economic Botany. 53:459-460.
- Forstner, M.R.J. 1998. Book Review. Hartl, D.L. and A.G. Clark. *Principles of Population Genetics* (3rd edition). 542 pg. Economic Botany 52(4):433-434.

6. Other

2015

- Suriyamongkol, T.*, K. Forks*, A. Arevilca*, E. McGrew*, A. Villamizar-Gomez, I. Mali, H.-H. Wang, W. Grant, and M. Forstner. Poster. Post-wildfire comparison of the herpetofauna in burned and unburned areas near Bastrop, Texas. Undergraduate Research Expo. 30 September 2015. College Station, TX.
- Forstner, M.R.J., M. Marsh, A. MacLaren, I. Mali, M. Jones, D. Wallace, J. Hernandez, and D. Brown. 2015. Presentation. Field research 2015: Houston toads in active stewardship. Headstarting 2016 planning meeting. Houston Zoo, Inc., Houston, TX. 2 Sept 2015.
- Suriyamongkol, T., K. Forks, A. Arevilca, E. McGrew, A. Villamizar-Gomez, I. Mali, H. Wang, W. Grant, and M.R.J. Forstner. 2105. Poster. Post-wildfire comparison of the herpetofauna in burned and unburned areas near Bastrop, Texas. National Science Foundation-Research experiences for undergraduates. Interdisciplinary Life Sciences Bldg, Texas A&M University, College Station, Texas. Aug 5, 2015.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2015. Poster. Improving amphibian call survey monitoring using predictor ponds. Wisconsin Lakes Partnership, Annual convention, Stevens Point, WI, USA. 23-25 April 2015.
- Suriyamongkol, T., K. Forks, E. McGrew, A. Villamizar-Gomez, I. Mali, H. Wang, W. Grant, M.R.J. Forstner. 2015. Poster. Post-wildfire comparison of *Hyla cinerea* in burned and unburned areas near Bastrop, Texas. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Villamizar, A., I. Mali, and M.R.J. Forstner. 2015. Poster. Population genetics of Texas Spiny Softshell turtle (*Apalone spinifera emoryi*) under various anthropogenic pressures in two distinct regions along the Rio Grande/Rio Bravo del Norte in Texas. 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.

2014

- Jones, M.C. and M.R.J. Forstner. 2014. **Poster**. Headstarting an endangered amphibian: increasing headstarting survivorship using a predator exclusion device. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- Ozel, E. and M.R.J. Forstner. 2014. **Poster**. Exposure to RIFA may be a higher threat than previously consider: seasonal habitat shifts of red imported fire ant (*Solenopsis invicta*) negatively affects Houston toad distribution. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- Gomez, A.V., W. Farr, D. Hahn, and M.R.J. Forstner. 2014. **Poster**. Prevalence of chytridiomycosis in central Texas and Tamaulipas, Mexico. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- Schumacher, L. and M.R.J. Forstner. 2014. **Poster**. Population genetics of the Big Bend slider (*Trachemys gaigeae gaigeae*) and red-eared slider (*Trachemys scripta elegans*) contact zone in the Rio Grande drainage of Texas. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.

- Mali, I., D.J. Brown, J.R. Ferrato, and M.R.J. Forstner. **Poster #81.** Trapping turtles using hoop nets: Testing potential biases. 21st Annual conference of the Wildlife Society, 25-30 October 2014, Pittsburgh, PA.
- Jones, M.C. and M.R.J. Forstner. 2014. **Poster #113.** A Predator exclusion device as an effective way to headstart an endangered amphibian. 21st Annual conference of the Wildlife Society, 25-30 October 2014, Pittsburgh, PA.
- Gomez, A.V., D. Hahn, I. Castro-Arellano, and M.R.J. Forstner. 2014. **Poster #80.** Chytridiomycosis and its prevalence in central Texas and Tamaulipas, Mexico. 21st Annual conference of the Wildlife Society, 25-30 October 2014, Pittsburgh, PA.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2013. **Poster.** Predictive models for calling and movement activity of the endangered Houston toad (*Bufo houstonensis*). 18th Annual Biology Student Colloquium, March 22, 2013, Texas State University, San Marcos, TX.
- Dayton, G., M.R.J. Forstner, M. Goode. 2011. **Checklist.** Reptiles and Amphibians of Big Bend National Park. National Park Service. 2011 revision. 13pgs.
- Mahato, N. and M.R.J. Forstner. 2010. **Poster.** A distribution model for the red panda (*Ailurus fulgens*) – a tool for conservation planning. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky.
- McHenry, D.J., and M.R.J. Forstner. 2010. **Poster.** Measuring natural levels of interspecific admixture in an endangered toad. Texas State University Women in Science and Engineering Conference, April 30th 2010, San Marcos TX.
- Weaver, J.P., D. Rodriguez, M.R.J. Forstner, and L.D. Densmore III. 2007. Poster Presentation. Genetic characterization of the Cuban crocodile (*Crocodylus rhombifer*) using zoological samples. 3rd International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- McVay, J.D., D. Rodriguez, T.R. Rainwater, D.A. Ray, J.A. Dever, S.G. Platt, S.T. McMurry, M.R.J. Forstner, L.D. Densmore III. 2007. Poster Presentation. Evidence of multiple paternity in Morelet's crocodile (*Crocodylus moreletii*) in Belize, CA, inferred from microsatellite markers. 3rd International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Rodriguez, D., J. Rogelio Cedeño-Vázquez, M.R.J. Forstner and L.D. Densmore III. 2007. Poster Presentation. Endangered species conservation: Using DNA to detect hybridization zones between the American crocodile (*Crocodylus acutus*) and Morelet's crocodile (*Crocodylus moreletii*) in the Yucatan Peninsula. 3rd International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Rodriguez, D., J. Rogelio Cedeño-Vázquez, M.R.J. Forstner and L.D. Densmore III. 2007. Poster Presentation. Endangered species conservation: Using DNA to detect hybridization zones between the American crocodile (*Crocodylus acutus*) and Morelet's crocodile (*Crocodylus moreletii*) in the Yucatan Peninsula. Sixth annual Graduate Student Research Poster Competition. Texas Tech University, Lubbock, Texas. March 22, 2007.
- Bryson, R. W., J. Pastorini, and M.R.J. Forstner. Poster Presentation. 2006. Phylogenetic Relationships of Mexican Kingsnakes (*Lampropeltis mexicana* complex). Southwestern Association of Naturalists Annual Meeting, April 13-15th, Colima, Mexico.
- Forstner, M.R.J. 2006. Current Status of the Houston Toad: A summary of recent research and field determinations with solutions for recovery of the species by programs of active stewardship. Five year review federal report. Submitted to the USFWS. Oct 9, 2006. 18pgs.
- McHenry, D.J., J.C. Godwin, and M.R.J. Forstner. Poster Presentation. Genetic variation in two map turtles, *Graptemys barbouri* and *Graptemys ernsti* (Testudines: Emydidae). University of Missouri-Columbia. Division of Biological Sciences Graduate student symposium, Apr 18 2006.

- Forstner, M.R.J. and R. Hudson. 2005. Educational Poster. Texas Turtles. Published for distribution to K-12 Science instructors. Texas Parks and Wildlife Department, Non-game division. June 1, 2005.
- Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2004. Poster Presentation. Second report of *Chrysemys dorsalis* from Texas. TAMUS Pathways Symposium. Corpus Christi, Texas. Oct 15-16, 2004.
- Pastorini, J., M.R.J. Forstner, A. Zaramody, W. Scheffran, M.S. Clark, M. Waters, D.J. Curtis, and R.D. Martin. 1999. Poster Presentation. Population genetic study of mongoose lemurs based on DNA sequences. 7th World Conference on Breeding Endangered Species. Linking Zoo and Field Research to Advance Conservation, Poster Abstracts. Cincinnati Zoo and Botanical Garden, USA.
- Pastorini, J., M.R.J. Forstner, R.D. Martin. 1999. Poster Presentation. Phylogenetic relationships among Lemuridae (Primates) inferred from DNA sequences. Zoologia et Botanica. Zurich Switzerland.
- Brooks, L.A., M.R.J. Forstner, R. Horton, S. Sundquist. 1997. Program bulletin. Columbia University: Graduate program in ecology and evolutionary biology (CERC). Columbia University Press. 76 pg.
- Forstner, M.R.J. 1991. Magazine Article. The Hidden World of Ultra-Microscopic Detail. Chihuahuan Desert Discovery 29:8-9.

B. Works not in Print

1. Papers Presented at Professional Meetings:

2015

- Prather, P., S.F. McCracken, and M.R.J. Forstner. 2015. Abstract. Bridging the gap: connecting landscapes with the installation of wildlife corridors. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Marsh, M., M.R.J. Forstner, and T. Parker. 2015. Abstract. Measuring the Effects of The Red Imported Fire Ant (*Solenopsis invicta*) on juvenile Houston Toads (*Bufo houstonensis*) in a coastal prairie grassland. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Villamizar-Gomez, A., W. Keitt, W. Farr, and M.R.J. Forstner. 2015. Abstract. Using roadkill as a proxy for amphibian disease assessment. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- MacLaren, A., S.F. McCracken, and M.R.J. Forstner. 2015. Abstract. Presence/Absence surveys for the endangered Houston toad: the federal guidelines in 20:20 hindsight. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Adcock, Z.C. and M.R.J. Forstner. 2015. Abstract. Investigating microhabitat parameters for federally threatened Jollyville Plateau salamanders. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Hernandez, J.A., S.F. McCracken, and M.R.J. Forstner. 2015. Abstract. Mechanical thinning: an assessment using herpetofauna in the Lost Pines ecoregion of Bastrop County, Texas. Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.
- Sirsi, S., S. Singh, and M.R.J. Forstner. 2015. Abstract. Variation in reproductive output of the Crowned River Turtle (*Hardella thurjii*). Texas Herpetological Society, 76th Meeting Fall Symposium, November 7, 2015, Texas State University, San Marcos, Texas.

- MacLaren, A., S.F. McCracken and M.R.J. Forstner. 2015. Abstract. Revising the Federal Protocol for Conducting Presence/Absence Surveys for the Endangered Houston Toad (*Bufo houstonensis*). Seventh Annual International Research Conference for graduate students. Nov 17-18, 2015. Texas State University, San Marcos, Texas.
- Shashwat, S. and M.R.J. Forstner. 2015. Abstract. Nothing really matters? Reproductive output in *Hardella thurjii*. 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.
- Maclaren, A., S. McCracken, and M.R.J. Forstner. 2015. Abstract. Teach your computer to be a better listener: A lesson on development and implementation of automated audio recognition tools. 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.
- Adcock, Z. and M.R.J. Forstner. 2015. Abstract. Defining habitat for the Federally Threatened Jollyville Plateau Salamander (*Eurycea tonkawae*). 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.
- Parandhaman, A. S.F. McCracken, and M.R.J. Forstner. 2015. Abstract. Conservation management of the Texas tortoise, *Gopherus berlandieri*, in its eastern and northern range: a story of 18,000 miles and 7 not so wise tortoises. 20th Annual Biology Student Colloquium. Texas State University, San Marcos, Texas. 17 April 2015.
- Adcock, Z. and M.R.J. Forstner. 2015. Abstract. Increasing Detection and Evaluating Microhabitat Use for the Federally Threatened Jollyville Plateau Salamander (*Eurycea tonkawae*). Williamson County *Eurycea* Symposium, Round Rock, Texas. 9 January 2015.
- Villamizar, A., Z.C. Adcock, D. Hahn, and M.R.J. Forstner. 2015. Abstract. Chytrid fungus (*Batrachochytrium dendrobatidis*) prevalence over time in the Jollyville Plateau Salamander (*Eurycea tonkawae*) of Central Texas. Williamson County *Eurycea* Symposium, Round Rock, Texas. 9 January 2015.
- 2014
- Adcock, Z. and M.R.J. Forstner. 2014. **Abstract.** Assessment of water quality, disease, microhabitat, and abundance for the Jollyville Plateau Salamander (*Eurycea tonkawae*). Williamson County Conservation Foundation, 2014 annual Board meeting research program. 22 October 2014.
- Parandhamand, A., S.F. McCracken, and M.R.J. Forstner. 2014. **Abstract.** Predicting habitat suitability in the historical range of the threatened Texas tortoise, *Gopherus berlandieri*. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- Prather, P., D. Rodriguez, Z. Adock, M. Jones, E. Ozel, A. Parandhamand, L. Schumacher, D.J. Stout, A. Villamizar, and M.R.J. Forstner. 2014. **Abstract.** Effect of salvage logging on herpetofaunal communities following severe wildfires in the Lost Pines ecoregion. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- Adcock, Z.C. and M.R.J. Forstner. 2014. **Abstract.** Innovative sampling techniques reveal high numbers of federally threatened Jollyville Plateau Salamander (*Eurycea tonkawae*). Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.
- MacLaren, A.R., S.F. McCracken, and M.R.J. Forstner. 2014. **Abstract.** Being there all the time: Creating robust automated audio detection tools for anurans with emphasis on *Bufo houstonensis*. Texas Herpetological Society, 75th Meeting Fall Symposium, November 8, 2014, Texas State University, San Marcos, Texas.

2013

- Forstner, M.R.J., D. Brown, T.M. Swannack, M.C. Jones and J.R. Dixon. 2013. **Abstract.** The Houston toad (*Bufo houstonensis*): paths to extinction or recovery. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Jones, M., M.W. Vandewege and M.R.J. Forstner. 2013. Abstract. Head-starting and Captive Propagation of the Houston toad (*Bufo houstonensis*): Tools used for population supplementation in an endangered amphibian. 5th Annual International Research Conference for Graduate Students. November 6-7, 2013, Texas State University, San Marcos, TX.
- Jones, M., M.W. Vandewege and M.R.J. Forstner. 2013. **Abstract.** Efficacy and Efficiency of Head-starting and Captive Propagation of the Houston toad (*Bufo houstonensis*). Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Mali, I., M.W. Vandewege, S.K. Davis, and M.R.J. Forstner. 2013. **Abstract.** International markets and national impacts to biodiversity: the magnitude of freshwater turtle exports from the US and recent regulatory outcomes. 5th Annual International Research Conference for Graduate Students. November 6-7, 2013, Texas State University, San Marcos, TX.
- Villamizar, A., D. Hahn, and M.R.J. Forstner. 2013. **Abstract.** Prevalence of *Batrachochytrium dendrobatidis* in Tamualipas, MX. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Mali, I., M.W. Vandewege, S.K. Davis, and M.R.J. Forstner. 2013. **Abstract.** Are newly implemented harvest management regimes the best strategy for protection of wild freshwater turtle populations in the Southeast USA? Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Rodriguez, D., D. Hahn, M.R.J. Forstner. 2013. **Abstract.** Evaluating competing hypotheses for the origin and pathogen dynamics of the amphibian-killing fungus, *Batrachochytrium dendrobatidis*, in light of recent, global retrospective surveys and genomic data. Texas Herpetological Society, 2013 Fall Symposium, Midwestern State University, Wichita Falls, TX. Oct 11-12, 2013.
- Jones, M. and M.R.J. Forstner. 2013. **Abstract.** Testing habitat restoration options in the Houston toad (*Bufo houstonensis*) with the aftermath of catastrophic wildfire in Texas. 60th Annual meeting of the Southwestern Association of Naturalists, 4-7 April, McNeese State University, Lake Charles, Louisiana, USA.
- Mali, I., and M.R.J. Forstner. 2013. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. 18th Annual Biology Student Colloquium, March 22, 2013, Texas State University, San Marcos, TX.
- Villamizar, A., and M.R.J. Forstner. 2013. **Abstract.** Presence of *Batrachochytrium dendrobatidis* and *Ranavirus* in Central Texas. 18th Annual Biology Student Colloquium, March 22, 2013, Texas State University, San Marcos, TX.
- Brown, D.J. and M.R.J. Forstner. 2013. **Abstract.** Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Texas Academy of Science. 116th Annual Meeting, Texas Academy of Science, February 28-March 2, 2013, Schreiner University, Kerrville, Texas. *winner 1st Place, Best student oral presentation.
- Mali, I., D.J. Brown, and M.R.J. Forstner. 2013. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. Texas Academy of Science. 116th Annual Meeting, Texas Academy of Science, February 28-March 2, 2013, Schreiner University, Kerrville, Texas. *winner 2nd Place, Best student oral presentation.
- 2012
- Villamizar, A., S. Miller, D. Hahn, and M.R.J. Forstner. 2012. **Abstract.** Chytridiomycosis: A Disease Affecting Amphibian Communities in Central Texas. Fourth Annual International

- Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Wallace, D., V.R. Farallo, D. Buzo and M.R. J. Forstner. 2012. **Abstract.** Analyzing Houston Toad habitat fragments for viability in the face of ongoing fragmentation, severe drought, and catastrophic wildfire. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Ozel, E., D.J. Brown, D.B. Preston and M.R. J. Forstner. 2012. **Abstract.** How do fire ants (*Solenopsis invicta*) respond to the changes brought on by last year's wildfires in the Lost Pines region of Texas. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Mali, I., M.R.J. Forstner, and H. Wang. 2012. **Abstract.** Use of demographic sensitivity analysis in management of freshwater turtle harvest. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Brown, D., A. Duarte, I. Mali, M.C. Jones and M.R. J. Forstner. 2012. **Abstract.** Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Preston, D. and M.R. J. Forstner. 2012. **Abstract.** Predation-related chemical cues decrease the activity levels of Houston Toad (*Bufo*[*Anaxyrus*] *houstonensis*). Fourth Annual International Research Conference for Graduate Students November 7 - 8, 2012, Texas State University, San Marcos, TX.
- Villamizar, A., S. Miller, D. Hahn, and M.R.J. Forstner. 2012. **Abstract.** Prevalence of *Batrachochytrium dendrobatidis* in amphibian populations in Central Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Brown, D.J., A. Duarte, I. Mali, M.C. Jones, and M.R.J. Forstner. 2012. **Abstract.** - Impacts of a high intensity wildfire on abundance, movement, and diversity of herpetofauna in the Lost Pines ecoregion of Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Ozel, E., D.J. Brown, D.B. Preston, and M.R.J. Forstner. 2012. **Abstract.** The Effect of Canopy Cover, Prescribed Fire, Temperature and Precipitation on Annual RIFA Activity in the Lost Pines Ecoregion of Texas. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Jones, M. and M.R.J. Forstner. 2012. **Abstract.** Habitat suitability and head-start efficiency and effectiveness testing in the endangered Houston toad (*Bufo houstonensis*). Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- McCracken, S.F. and M.R.J. Forstner. 2012. **Abstract.** Just how bad are roads, anyway? Oil road effects on the anuran community of a high canopy tank bromeliad. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Preston, D. and M.R.J. Forstner 2012. **Abstract.** Chemically Mediated Predator Avoidance Behaviors in Tadpoles of the Federally Endangered Houston Toad (*Bufo* [*Anaxyrus*] *houstonensis*) and Their Ecological Implications. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.
- Wallace, Derek*, Farallo, Vincent, Buzo, Daniela, Forstner, Michael R.J. 2012. **Abstract.** Analyzing Houston Toad habitat fragments for viability in the face of ongoing fragmentation, severe drought, and catastrophic wildfire. Texas Herpetological Society, 2012 Fall Symposium, Heard Natural Science Museum, McKinney, TX. Oct 27, 2012.

- McCracken, S. and M.R.J. Forstner. 2012. **Abstract.** Living on the edge: Oil road effects on the abundance and occupancy of anurans inhabiting an upper canopy tank bromeliad (*Aechmea zebrina*) in lowland rainforest of the Yasuni Biosphere Reserve, Amazonian Ecuador. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Mali, I. and M.R.J. Forstner. 2012. **Abstract.** Sustainability as applied to the use of chelonians worldwide. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2012. **Abstract.** A Race Against Extinction: Research to Inform Recovery Efforts for the Critically Endangered Houston Toad. . 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Jones, M.C., M. Vandewege, and M.R.J. Forstner. 2012. **Abstract.** Testing the efficacy of headstarting the critically endangered Houston toad (*Bufo houstonensis*) using high resolution genotypic markers and capture-recapture field studies. 7th World Congress of Herpetology, Aug 8-14, 2012, Vancouver, Canada.
- Preston, D. and M.R.J. Forstner. 2012. **Abstract.** Chemically mediated predator avoidance behavior in the Coastal plains toad (*Bufo nebulifer*). 17th Annual Biology Student Colloquium, Mar 23, 2012, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2012. **Abstract.** Anthropogenic and ecological effects on anurans inhabiting an upper canopy tank bromeliad (*Aechmea zebrina*) in Yasuni Biosphere Reserve, Amazonian Ecuador. 17th Annual Biology Student Colloquium, Mar 23, 2012, Texas State University, San Marcos, TX.
- 2011
- Sha, Q., M.R.J. Forstner, X. Vatten, and D. Hahn. 2011. **Abstract.** Assessing pathogenicity of *Salmonella* isolates from natural biofilms. 3rd Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. 3rd Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Harper, A.L. and M.R.J. Forstner. 2011. **Abstract.** Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Mali, I., D.J. Brown, M.R.J. Forstner. 2011. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Preston, D. and M.R.J. Forstner. 2011. **Abstract.** Chemically mediated predator avoidance behavior in the endangered Houston toad (*Bufo houstonensis*) using the Coastal Plain toad (*Bufo nebulifer*) as a proxy. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Wallace, D., V. Farrallo, D. Buzo, and M.R.J. Forstner. 2011. **Abstract.** Prioritizing the remaining Houston toad habitat remnants for conservation in the face of ongoing fragmentation and wildfire. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M.C., D.J. Brown, I. Mali, A. McKinney, and M.R.J. Forstner. 2011. **Abstract.** Assessment of Public Knowledge and Support for Recovery of the Endangered Houston Toad (*Bufo houstonensis*) in Bastrop, Texas. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.

- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2011. **Abstract.** Influence of abiotic factors on activity patterns of the endangered Houston toad (*Bufo houstonensis*). Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M., M.R.J. Forstner and J.R. Dixon. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Brown, D., J.T. Baccus, D.B. Means and M.R.J. Forstner. 2011. Abstract. Short-term outcomes for juvenile amphibians after fire in a southern USA pine forest. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Mali, I., M.R.J. Forstner and D. Brown. 2011. Abstract. Conservation and sustainable use of turtle populations worldwide: Past, present, and future strategies. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Predation and the maintenance of color polymorphism in a habitat specialist squamate. 96th Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Harper, A. and M.R.J. Forstner. 2011. Abstract. Assessing impacts of drought on herpetofauna. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2011. Abstract. Multi-rotor UAVS- A new tool for Biologists. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. Abstract. Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Vandewege, M. and M.R.J. Forstner. Abstract. Testing pedigree reconstruction to assess short term effects of head-starting on a Houston toad population. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. Abstract. Toward sustainable worldwide utilization of Chelonians. 16th Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. Abstract. Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Mahato, N. and M.R.J. Forstner. 2011. Abstract. A general habitat suitability model for the endangered Houston toad (*Bufo houstonensis*) from remote sensing data. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas. **winner Honorable Mention, Best student oral presentation.*
- Brown, D., T.M. Swannack and M.R.J. Forstner. Abstract. Influence of weather on capture variability for amphibians in the Lost Pines of Texas. Texas Chapter, Wildlife Society, Feb 17-19, 2011. San Antonio, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. Abstract. Conservation and Sustainable Use of Turtle Populations Worldwide: Past, Present, and Future Strategies. Seventh International Conference on Environmental, Cultural, Economic, and Social Sustainability. 5-7, January

2011. University of Waikato, New Zealand.

2010

- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Determining endangered species habitat in the face of cryptic species and few occupancy surveys: an example from the red panda (*Ailurus fulgens*) in Nepal. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky. *winner 2010 Student Scholarship (\$600).
- Howard, L.L. M.E.B. Jones, J.P. Flangan, P.S. Crump, M.L. Marin, T.P. Prim, M.R.J. Forstner, A.P. Pessier. 2010. Abstract. Disseminated Mycobacteriosis in a headstart colony of Houston toads (*Bufo houstonensis*). "Wildlife and Ecosystem Health Without Borders." In conjunction with the AAZV/AAWV/ARAV Annual Conference. Trilateral Meeting of the Canadian, Mexican, and United States Wildlife Veterinary and Conservation. South Padre Island, Texas, USA. Oct 24-25, 2010.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. Bimodal pattern of hybridization between Baird's rat snake and the Texas rat snake inferred from mitochondrial and nuclear DNA data. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Dickerson, B. and M.R.J. Forstner. 2010. Abstract. Effects of urbanization and road densities on the populations of *Trachemys scripta elegans* in the Lower Rio Grande valley. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2010. Abstract. Red-eared slider (*Trachemys scripta elegans*) hoop net escapes: size versus sex. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX. *Runner-up best student presentation (Graduate level)
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Inferring Population Changes of Freshwater Turtles in South Texas. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Devolld, B. and M.R.J. Forstner. 2010. Abstract. The effects of prescribed fire on red-imported fire ant (*Solenopsis invicta*) populations around ponds in the Lost Pines ecoregion of Texas. 15th Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. A distribution model for guidance toward the conservation planning of red panda (*Ailurus fulgens*) in Nepal. 11th Ecological Integration Symposium, Understanding Patterns and Processes across Scales, March 26-27, 2010, Texas A&M University, College Station, Texas.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. Characterizing natural levels of interspecific admixture in an endangered toad, (*Bufo houstonensis*). 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Maintenance of polymorphism in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Harper, A. and M.R.J. Forstner. 2010. Abstract. Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Turtle trends in the Lower Rio Grande Valley across thirty years with both long and short-term replication. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.

- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2010. Abstract. Status and conservation of the galliformes population in Pipar and the importance of the adjacent Santel area for pheasant conservation in Nepal. 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Vandewege, M., McHenry, D. and M.R.J. Forstner. 2010. Abstract. Evidence of multiple paternity in the critically endangered Houston toad (*Bufo houstonensis*). 57th Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. The bittersweet success of headstarting in the Houston toad (*Bufo houstonensis*). 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. The hybrid zone between (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) in Texas inferred from microsatellite and mitochondrial DNA data. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Are the color forms in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2010. Abstract. Potential component Allee effects and their consequences in Houston toad (*Bufo houstonensis*) stewardship. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2010. Abstract. Road densities as a proxy for urbanization effects using the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. Texas Chapter of the Wildlife Society Annual Meeting, Feb 18-20th, Galveston, Texas.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Distribution and GIS-based habitat modeling of red panda (*Ailurus fulgens*) in Nepal. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- 2009
- Brown, D., V. Farallo, J.R. Dixon, J. Baccus, T. R. Simpson and M.R.J. Forstner. 2009. Abstract. Freshwater turtle conservation in Texas: Lingering Harvest Effects and Efficacy of the current management system. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2009. Abstract. Road densities and their effect on the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Farallo, V.R and M.R.J. Farallo. 2009. Abstract. Why so many forms? Field tests of the selective pressures on color pattern variation and its maintenance in the mottle rock rattlesnake (*Crotalus lepidus lepidus*). International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Holihan, R.J. and M.R.J. Forstner. 2009. Abstract. An analysis of trends in sea turtle rehabilitation on the Texas coast. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2009. Abstract. The rationale for expanding the Pipar pheasant reserve of Nepal: A perspective from surveys of the Galliformes population in Santel. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.

McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. **Abstract.** Amphibian chytrid fungus across the vertical strata of an Ecuadorian Amazon lowland rainforest. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.

Swanson, R.L., T.R. Simpson, M.R.J. Forstner, and F.L. Rose. 2009. Abstract. Herpetofauna of Palmetto State Park and the Ottine wetlands with comments on temporal and spatial trends. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.

Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2009. Abstract. When species hybridize: The case of two Texas snakes (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) using evidence inferred from microsatellite and mitochondrial DNA data. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.

McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. Abstract. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. 14th Annual Biology Student Colloquium, April 3, 2009, Texas State University, San Marcos, TX.

2008

Gaston, M. and M.R.J. Forstner. Abstract. Patterns of behavioral and morphological variation in male *Acris crepitans* across three adjacent central Texas river basins. 13th Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.

Duvall-Jisha, J. Abstract. Arthropod diversity during drought conditions. 13th Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.

Farallo, V. and M.R.J. Forstner. Abstract. Two are better than one: efficient funnel trap design. 13th Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.

2007

Gaertner, J.P., M.R.J. Forstner, F. Rose, and D. Hahn, and. 2006. Abstract. Detection of salmonellae in wild turtles and their aquatic habitats. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.

McCracken, S. and M.R.J. Forstner. 2007. Abstract. Reproductive ecology and behavior of *Eleuthrodactylus aureolineatus* (Anura, Brachycephalidae) in the canopy of the Upper Amazon Basin, Ecuador. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.

Parlos, J. and M.R.J. Forstner. 2007. Abstract. Is a decline in average size of the Texas spiny softshell (*Apalone spinifera emoryi*) indicative of anthropogenic influences? Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.

Parlos, J.A. and M.R.J. Forstner. 2007. Abstract. Preliminary population genetic and phylogeographic results in the Cave myotis (*Myotis velifer*) across Texas. 37th NASBR and XIV International Bat research conference, Merida, Mexico. August, 19-23 2007.

Rodriguez, D., M.R.J. Forstner, P. Moler, and L.D. Densmore III. 2007. Abstract. Genetic structure of the American crocodile (*Crocodylus acutus*) in Florida and evidence of hybridization inferred from mitochondrial and nuclear markers. 3rd International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.

Sorenson, T. and M.R.J. Forstner. 2007. Abstract. The evolution of the Rh factor. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.

2006

Buzo, D. and M.R.J. Forstner. 2006. Abstract. A GIS model for identifying Houston Toad (*Bufo houstonensis*) habitat in Bastrop County, TX, USA. 102106-05. Texas Herpetological Society. Oct 20-21st, San Marcos, Texas.

Gaertner, J.P., D. Hahn, and M.R.J. Forstner. 2006. Abstract. Detection of *Salmonella spp.* in turtles and sediment of the Rio Grande. 102106-04. Texas Herpetological Society. Oct 20-

- 21st, San Marcos, Texas.
- McHenry, D.J. and M.R.J. Forstner. 2006. Abstract. Endangered species by proxy: a population genetics study of the federally endangered Houston toad, *Bufo houstonensis* (Anura: Bufonidae), and a common relative, the Gulf Coast toad, *Bufo valliceps*. 102106-02. Texas Herpetological Society. Oct 20-21st, San Marcos, Texas.
- Parlos, J.A., J.R. Dixon, J. Jackson, and M.R.J. Forstner. 2006. Abstract. Texas Spiny Softshell (*Apalone spinifera emoryi*): A decline in average measurements due to harvest? 102106-07. Texas Herpetological Society. Oct 20-21st, San Marcos, Texas.
- Rodriguez, D. M.R.J. Forstner, and L.D. Densmore. 2006. Abstract. Low allelic variation and its effects on detecting multiple paternity in two endangered species of crocodile: *Crocodylus acutus* and *Crocodylus moreletii*. Texas Tech Graduate Student Forum. Texas Tech University, Lubbock, TX. April 10-14.
- Swannack, T.M. and M.R.J. Forstner. Abstract. Impacts of the difference at age of first reproduction on a population of endangered Houston toads (*Bufo houstonensis*). Wildlife symposium, TAMU, College Station Texas, April 1, 2006.
- Swannack, T.M., K.L. Greuter, M.R.J. Forstner. 2006. Abstract. Estimating survival parameters for an endangered species with a complex life history. 102106-10. Texas Herpetological Society. Oct 20-21st, San Marcos, Texas.
- 2005
- Rodriguez, D., M.R.J. Forstner, L.D. Densmore. 2005. Abstract. Low allelic variation in wild populations of two endangered species of crocodile: *Crocodylus acutus* and *Crocodylus moreletii*. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Jones, M. and M.R.J. Forstner. 2005. Abstract. Prescribed Fire and Timber Harvest: Tools Used for the Adaptive Management and Restoration of Lost Pines Habitat. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- McCracken, S. and M.R.J. Forstner. 2005. Abstract. Can GIS tools be applied to model Amphibian distributions? Preliminary results from Yasuní National Park - Amazonian Ecuador. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Feltoon, A.R. and M.R.J. Forstner. Abstract. Diversity and conservation genetics of the Mexican beaded lizard (*Heloderma horridum*). Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Jackson, J. and M.R.J. Forstner. Abstract. Imperfect detection of Houston toads (*Bufo houstonensis*) by call surveys. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Abstract. Impacts of vertebrate predators on terrestrial drift fence sampling. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Reilly, S.M., M.R.J. Forstner, and J.R. Dixon. 2005. Abstract. *Nerodia harteri*: Summary of 2005 research. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Abstract. Consequences and solutions in predation on drift fence and pit-fall arrays. 40th Annual Meeting of the Texas Chapter of the Wildlife Society. Amarillo, TX, February 24-26, 2005.
- 2004
- Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2004. Poster. Second report of *Chrysemys dorsalis* from Texas. TAMUS Pathways Symposium. Corpus Christi, Texas. Oct 15-16, 2004.
- 2003
- Burpo, N., R. Guthrie. and M.R.J. Forstner. 2003. Abstract. Differential growth rates due to variable protein diet in endangered turtles. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Rainer, A. and M.R.J. Forstner. 2003. Abstract. Phylogenetic reconstruction and genetic conservation of *Heloderma horridum*. Texas Herpetological Society, San Marcos, TX. Oct 10-11.

- Lobban G. and M.R.J. Forstner. 2003. Abstract. Evaluation of the wildlife disease *Haemogregarina* sp. in turtles: identification, pathogenicity, and host-specificity. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Greuter, K.L. and M.R.J. Forstner. 2003. Abstract. Post-metamorphic dispersal patterns in the juvenile Houston Toad (*Bufo houstonensis*). Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Morris, S.R. and M.R.J. Forstner. 2003. Abstract. Effects of pond slope and aquatic predators on survivorship of larval Houston toads (*Bufo houstonensis*). Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Rosenthal, J. and M.R.J. Forstner. 2003. Abstract. Consequences of Lake Cabeza de Vaca on Chihuahuan desert herpetofauna, Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Swannack, T.M. and M.R.J. Forstner. 2003. Abstract. A possible cause of the disparity in the sex ratio of adult Houston Toads. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Marquardt, A. and M.R.J. Forstner. 2003. Abstract. Early identification of the endangered Houston toad (*Bufo houstonensis*) using mitochondrial DNA markers. Texas Herpetological Society, San Marcos, TX. Oct 10-11.

2002

- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2002. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch spring meeting, American Society for Microbiology. San Antonio, TX.
- Wilkins, N. J.R. Dixon, J. Engle, M.R.J. Forstner, and A. Price. 2002. Abstract. Developing a habitat importance model for the endangered Houston toad. New applications of GIS databases: GIS in Conservation. Symposium, San Antonio, TX July 2002.

2001

- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2001. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch fall meeting, American Society for Microbiology. Junction, TX.

2. Invited Talks, Lectures, and Presentations:

2014

- Forstner, M.R.J. 2014. Houston toads in 2014: active stewardship and the hope for recovery. Texas Master Naturalists, Greater Brazos Valley Chapter, Brazos Valley Museum, 13 November 2014.
- Forstner, M.R.J. 2014. Drought and aquatic wildlife. Water, Wildlife and Wide Open Spaces: A Texas summit on climate and the environment. November 20-21, 2014, San Marcos, Texas.
- Adcock, Z, J. Crow, D. Hahn, J. Tomasso and M.R.J. Forstner 2014. Research toward understanding detection probabilities, water quality, and disease influences on the Jollyville salamander (*Eurycea tonkawae*). *Eurycea* Adaptive management working group, 2014 1st annual meeting, Georgetown, Texas. 2 September 2014.
- Forstner, M.R.J. 2014. Venomous snakes and pragmatic safety considerations for personnel. Texas Department of Transportation, Austin, TX. July 30, 2014.

2013

- McCracken, S.F. and M.R.J. Forstner, M.R.J. 2013. Do limited access rainforest oil roads = limited disturbance? Impacts on amphibians of the high canopy and the consequent genetic implications at the landscape scale. The Tropical Forest Research and Education Conference: Yasuni Day, Mindo, Ecuador. October 11-13, 2013.
- Forstner, M.R.J. 2013. Houston toad characteristics, life cycle, and habitat. General Land Office, Austin, TX. June 6, 2013.
- Forstner, M.R.J. 2013. Houston toad ecology and management opportunities within USDA programs. NRCS, Temple, TX. May 30, 2013.

- Forstner, M.R.J., D. Brown, and M. Jones. 2013. The drought, the fire: What can we say about the Houston toad. Bastrop County LPHCP stakeholders group, Alum creek WMA 2013 meeting. Bastrop, TX, Feb 9, 2013.
- 2012
- Forstner, M.R.J., M. Vandewege, and P. Crump. Houston toads: supplementing the wild populations. USFWS Preventing Extinction, Houston Zoo, Inc. Nov 8, 2012.
- Forstner, M.R.J., V. Elliot, K. Wilson, and D. Hahn. 2012. Collaborative Science in Cambodia. Liberal Arts Advisory Board meeting, Texas State University, Oct. 26, 2012.
- Crump, P., M. Vandewege, and M.R.J. Forstner. 2012. Using high resolution genetic markers to track the success of headstarted bufonids (*Bufo houstonensis*) in supplementation of the wild population. 7th World Congress of Herpetology. August 8-12, Vancouver, Canada.
- 2011
- Forstner, M.R.J., D. McHenry, M. Vandewege. 2011. Genetic management of the Houston toad: state of the knowledge, options, and implications for future recovery efforts. Houston toad recovery team meeting, USWFS, Austin TX. Apr 25, 2011.
- Forstner, M.R.J., D. Brown, and S. McCracken. 2011. Stewardship of the Houston toads. Capital Area Council, Boy Scouts of America, 2011 alumni meeting. Bastrop, TX, Apr 9, 2011.
- Forstner, M.R.J. and A. Fujii. 2011. Genetic Diversity and Population Structure of the Texas Tortoise (*Gopherus berlandieri*). Texas Tortoise working group workshop, El Tropicana Riverwalk Hotel, 17 February, 2011. San Antonio, TX
- Forstner, M.R.J., D. Brown, and D. McHenry. 2011. Active stewardship: Houston toads now and then. Bastrop County LPHCP stakeholders group, Alum creek WMA 2011 meeting. Bastrop, TX, Jan 22, 2011.
- 2010
- Forstner, M.R.J. 2010. Applications of genetics and genomics for wildlife conservation. Centre for Biodiversity Conservation. Royal University of Cambodia, Phnom Penh, Cambodia. December 13-14th, 2010. Invited seminar series.
- Forstner, M.R.J., D. Brown, J. Jackson, A. Schultz, B. Dickerson, D. McHenry, and J.R. Dixon. 2010. Texas' turtles: the Good, the Bad, and the Ugly. Joint meeting of the Texas Herpetological Society and the Dallas-Ft. Worth Herpetological Society. October 15-17, University of Texas at Arlington, Arlington, TX.
- Dixon, J.R. and M.R.J. Forstner. 2010. The changing world of Texas' turtles. East Texas Herpetological Society 20th Annual Conference, Reptile Sale & Educational Exhibit. September 24 - 26, 2010, Brookhollow Crowne Plaza, Houston, Texas
- Forstner, M.R.J., D. Buzo, T. Swannack, and J. Bell. 2010. Road ecology in the endangered Houston toad, the data enabling proactive approaches. 2010 Environmental Coordinators Conference, September 14-16, 2010, Austin, TX. (conference canceled).
- Forstner, M.R.J. 2010. Private partners in Houston toad recovery. Invited speaker. Hilltop Lakes Association Stakeholders meeting. May 27, 2010, Normangee, TX.
- Forstner, M.R.J. 2010. Field data, testing assumptions, guiding stewardship: a comprehensive approach to Houston toad conservation. Plenary speaker. Natureserve: Southeast Natural Heritage Conference. April 29-30, 2010, Austin TX.
- Mahato, N. and M.R.J. Forstner. 2010. Status and Distribution of red panda (*Ailurus fulgens*) in Nepal Himalaya for use in prioritizing nationwide conservation efforts. National Seminar on Red Panda conservation, Initiatives in Sacred Himalaya Landscape of Nepal's Himalaya. Department of National Parks and Wildlife Conservation and the Department of Forests. February 18-19, 2010, Kathmandu, Nepal.
- Forstner, M.R.J. 2010. Current status of the Houston toad and a suitable model for depicting its habitat. United States Fish and Wildlife Service, Austin Ecological Services Branch, Texas Parks and Wildlife, Environmental Defense Fund, Natural Resources Conservation Service, and Bastrop County. Bastrop, TX, Jan 14, 2010.

2009

- Forstner, M.R.J. and J. H. Bell. Challenging recovery: the 2005-2009 drought and the Houston toad. Utilities Habitat Conservation Plan Committee, Environmental Defense, and the USFWS. McKinney Roughts State Park auditorium, Austin TX. Nov 2, 2009.
- Gaston, M. and M.R.J. Forstner. Biology, Ecology, and Conservation of the Houston toad. Texas Parks and Wildlife Department, Bastrop County, and Alum Creek WMA. 1st Annual stakeholders meeting. June 26, 2009, Bastrop TX.
- Jackson, J., J.R. Dixon, and M.R.J. Forstner. Assessment of population structure and hybridization in extant *Trachemys gaigeae* populations in the Rio Grande: an application of molecular methods in turtle conservation. Turtle Survival Alliance 7th Annual meeting, Aug 5-8, 2009. St. Louis, MO.
- Forstner, M.R.J. Turtles as biological indicators in the Rio Grande Basin. River's End seminar series. Texas State University. May 7, 2009.
- Forstner, M.R.J. The Texas tortoise as an icon for nongame conservation in Texas. San Marcos Chapter Lions Club. April 24, 2009.
- Fujii, A. and M.R.J. Forstner. Genetic Diversity and Population Structure of the Texas Tortoise (*Gopherus berlandieri*): Implications for Conservation. 34th Annual Meeting and Symposium of the Desert Tortoise Council. Casa Blanc Resort and Casino, Mesquite, NV. February 19-22, 2009.

2008

- Forstner, M.R.J and D. Buzo. Rangewide status review and GIS habitat model validation for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad team meeting. Bastrop, TX, Nov 24, 2008.
- Forstner, M.R.J., J. Jackson, L. Bailey, and J.R. Dixon. The Status Status of two native turtles of the Rio Grande Basin (Emydidae: *Trachemys gaigeae* and *Pseudemys gorzugi*): fieldwork, ecology, and genetics. TAS meeting, Sept 17-20, 2008, Tuscon, AZ. (canceled, death in the family)
- Forstner, M.R.J. Texas turtles: the good, the bad, and the ugly. East Texas Herpetological Society. Annual Meeting, Sept 12-14, Houston, TX. (Conference canceled, Hurricane Ike)
- Forstner, M.R.J. Stewardship of the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- McHenry, D.J. and M.R.J. Forstner. Results from population genetics studies of the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Buzo, D. and M.R.J. Forstner. A GIS predictive habitat distribution model for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Gaston, M. and M.R.J. Forstner. Stewardship options and priorities for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Forstner, M.R.J. and M. Wagner. New Dimensions in wildlife management: Impacts of commercial turtle harvest in Texas. 2008 Texas Wildlife Diversity Conference. Implementation of the Texas Wildlife Action Plan (TWAP): Focus on Partnerships and Implementation. Houston, TX, Jan 17-19.

2007

- Forstner, M.R.J. Advanced Phylogenetic Analyses: from markers to genes. Malaysia Genome Institute, University of Malaysia, Kebangsaan. Dec 3-7, Bangi, Selangor, Malaysia. (Invited Workshop leader)

2006

- Forstner, M.R.J., L. Bailey, J.R. Dixon. 2006. The Status of *Pseudemys gorzugi* (Reptilia: Emydidae) in the Rio Bravo Basin. IX Reunion Nacional de Herpetologia. Universidad Autonoma de Nuevo Leon, Monterrey, Nuevo Leon, Mexico. Nov 6-9, 2006. (Invited Presentation).
- Forstner, M.R.J. Current Research and Status of the Houston toad. Texas Herpetological Society, President's Seminar. Oct 20, 2006. San Marcos, Texas. (Invited Presentation).
- Forstner, M.R.J. Recent Houston toad research accomplishments and current needs. Houston toad Conservation committee for Utilities Mitigation funds. Sept. 27, 2006. Bastrop, Texas. (Invited Presentation).
- Forstner, M.R.J. Stewardship at the edge of extinction. Department of Biology Seminar Series. Sept 18, 2006. Texas State University. San Marcos, Texas. (Invited Presentation).
- Forstner, M.R.J. Endangered Species Research: The Houston toad. Seminar in Conservation Biology. Texas State University. April 18, 2006. (Invited Presentation).
- 2005
- Forstner, M.R.J. Turtle Genetics Workshop. National Science Foundation. Harvard University, Boston, MA. Aug 7-12, 2005. (Invited participant).
- Forstner, M.R.J., M. Jones, J. Jackson, K. Greuter, and T. Swannack, B. Weckerly, and J. Baccus. Aspects of Houston toad ecology critical to management options. Texas Parks and Wildlife Department, Bastrop, Texas. June 1, 2005. (Invited Presentation and workshop participant).
- Forstner, M.R.J., M. Jones, J. Jackson, K. Greuter, F. Weckerly, J. Baccus, and T. Swannack. Collaborative restoration of Houston toad habitat. United States Fish and Wildlife Service. Austin, Texas. Apr 27, 2005. (Invited Presentation).
- 2004
- McCracken, S., P. Herbertson, M. Mulligan, and M.R.J. Forstner. Toward a GIS framework of amphibian diversity, distribution, and density in Amazonia: work from Yasuni National Park. 2nd Annual Ecuador Tropical Forest Research and Education Conference. Oct 15-17, 2004. Mindo Biological Station, Ecuador. (Invited Presentation)
- Swannack, T. and M.R.J. Forstner. 2004. Lessons learned from the Houston toad: implications for forestry management. Temple-Inland Forestry management seminar. July 2004. Austin, TX. (Invited Presentation)
- Mealey, B.K., G.M. Parks, J.D. Baldwin, M.R.J. Forstner. The Insular Ecology of *Malaclemys terrapin macrospilota* and *M. t. rhizophorarum* of Florida Bay and the Florida Keys. Third workshop on the ecology, status, and conservation of Diamondback terrapins. 17-19 Sept 2004, Jacksonville, Florida. (Invited Participant/Presentation)
- Forstner, M.R.J., T. Swannack, K. Greuter, S. Morris, S. Keifer, A. Ferguson, and J. Baccus. Quantitative aspects of Houston toad ecology. Wildlife diversity conference. Texas Parks and Wildlife Department. San Marcos, TX. Aug 2004. (Invited Presentation)
- 2003
- Status assessment, reproduction, habitat use, and survivorship of Houston toads using new techniques and integrated experimental design. 2003. Michael R.J. Forstner, Todd Swannack, Kensley Greuter, Sue Morris, Shane Keifer, William Lanier, Aaron Marquardt, Adam Ferguson, and John Baccus. USFWS Endangered species seminar series. Albuquerque, NM. Dec 17, 2003. (Invited Presentation)
- History in the molecules: Pleistocene signatures on Texas vertebrates. 2003. Baylor University Seminar Series. Nov 12, 2003. Waco, Texas. (Invited Presentation)
- Heosemys grandis* captive assurance colonies: wild founder characteristics and parasitism. M.R.J. Forstner, G. Lobban, and S.R. Morris. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21, 2003. (Invited Presentation)
- Managing small populations of vertebrates. M.R.J. Forstner and T. Swannack. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21, 2003. (Invited Presentation).
- Integrated culture of turtles. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21,

2003. (Invited Presentation).
Houston toad habitat and status in Bastrop County, Texas. 2003. USFWS. Jan 29, San Marcos, TX. (Invited Presentation).
Invasive species threats and priorities (Big Bend National Park). 2003. National Park Service, Big Bend National Park Research Priority Scoping meeting. Jan 3, Odessa, TX. (Invited contributor)
- 2002
Population trends, current status, and ongoing investigations of the Houston toad (*Bufo houstonensis*). 2002. USFWS, Houston toad recovery team public information seminar. Oct 23, Bastrop, TX. (Invited Presentation)
History in the molecules: Using phylogenetics and biogeography to reconstruct near term climatic changes in Texas. 2002. Southwest Texas State University, Dept. of Biology Seminar series. Oct 14, San Marcos, TX. (Invited Presentation)
Preliminary results of Houston toad research in Bastrop County, TX. 2002. USFWS Houston toad recovery team/implementation team joint meeting. June 18, Austin, TX. (Invited Presentation)
Current status of the Houston toad. 2002. Bastrop County/Stakeholders Group/Prairies and Pines Land Trust. April 2, Bastrop, TX. (Invited Presentation)
- 2001
Houston toad results from the Griffith League Ranch, Bastrop County, TX. 2001. Bastrop County, Stakeholders group and Public forum. June 27, Bastrop, TX. (Invited Presentation)
Handling scientific and technical information in contentious public issues. 2001. National Public Policy Conference Workshop. Sept 17, San Antonio, TX. (Invited Panelist) (cancelled due to the events of 9/11/01)
Chihuahuan Desert Parks, Inventory and Monitoring. 2001. National Park Service. Inventory Scoping Meeting. May 30-Jun 1, Odessa, TX. (Invited Contributor)
- 2000
Environment, microhabitat, and occurrence correlations for the Houston toad (*Bufo houstonensis*) on the Griffith League Ranch, Bastrop County, TX. 2000. USFWS/TPWD/BSA seminar. Aug 1, Bastrop, TX. (Invited Presentation)
- 1999
A molecular perspective of the historical radiations of the Serpentes (Reptilia: Squamata). 1999. University of Miami. Nov 29, Miami, FL. (Invited Presentation)
Molecular phylogenetics of the Lemuridae. 1999. Centenary Congress of the Anthropological Institute and Museum, University of Zurich. Oct, Zurich, Switzerland. (Invited Presentation)
Diamondback terrapin ecology: population size, demographics, genetics, and ecology. 1999. Distinguished seminar series, Florida International University, Nov 16, Miami, FL. (Invited Presentation)
Population ecology and genetics of *Malaclemys terrapin* in Florida Bay. 1999. All Florida Herpetological conference. May, Gainesville, FL. (Invited speaker w/Brian Mealey)
Molecular markers and systematics: tools for understanding evolution and managing populations. 1999. Southwest Texas State University, Seminar series. April, San Marcos, TX. (Invited Presentation)
- 1998
Molecular markers for conservation genetics: lessons from new world crocodiles. 1998. Universiti Kebangsaan. July 17, Kuala Lumpur, Malaysia. (Invited Presentation)
High resolution identification of interspecific hybrids of the American crocodile (*Crocodylus acutus*) and the Cuban crocodile (*C. rhombifer*). 1998. Symposia of Crocodylian Biology and Evolution. University of Australia. July, Brisbane, Australia. (Invited Presentation)

Adaptive radiations: the topology of success: examples from anthropoids. 1998. Institute of Anthropology. University of Switzerland. May 4, Zurich, Switzerland. (Invited Presentation)
 Molecular systematics and tissue preservation: Results from the laboratory and the field. 1998. Texas Cooperative Wildlife Collection, Texas A&M University. March, College Station, TX. (Invited Presentation)

1997

Ancient divergences and modern populations: applications of molecular genetics in reptile evolution and conservation. 1997. Florida Atlantic University seminar series. April 11, Davie, FL. (Invited Presentation)
 Reptile conservation and the pet trade. 1997. Columbia University. May, New York, NY. (Invited Presentation)
 Identification of crocodylian hybrids using molecular markers: a case study in the Cuban crocodile (*Crocodylus rhombifer*) and the American crocodile (*C. acutus*). 1997. Environmental Leaders Forum, Columbia University. May, New York, NY. (Invited Presentation)
 Molecular Systematics: Applications to Conservation Biology. 1997. Arden House Biological Retreat. Columbia University Faculty. January, Harriman, NY. (Invited Presentation)

1996

Workshop on Phylogenetics: methods and molecular systematics. 1996. Center for Biodiversity and Conservation, Faculty of Math and Sciences, University of Indonesia, Campus UI, Depok-Jakarta. June 24-26, Jakarta, Indonesia. (Invited Workshop)
 Conservation genetics. Mid-Career Day Series. 1996. Center for Environmental Research and Conservation, Morningside Institute Mid-Career Training Committee, Department of Anthropology, Columbia University. May, New York, NY. (co-host/lecturer)

1995

The phylogeny and evolution of primitive snakes. 1995. 14th Meeting of the William Hennig Society. July, College Station, TX. (Invited Presentation)
 Squamate relationships and the phylogeny of the Henophidia. 1995. American Society of Ichthyologists and Herpetologists/Herpetologist's League. July, Edmonton, Canada. (Invited Symposium Lecture)

3. Consultancies:

Endangered Species Related Consultancies:

Sceloporus arenicolus: USFWS 2011-Present
 Aci Consulting, Inc.
 American Crocodile: Florida Game and Fish Commission 2002-Present
 USFWS 2003-Present
 Concho WaterSnake: USFWS 2002-Present

Houston toad: ALCOA, Inc 2000-2003
 Bastrop County 2001-Present
 Boy Scouts of America 2000-Present
 Environmental Defense Fund 2002-Present
 Texas Forestry Service 2003-Present
 Loomis Austin, Inc. 2003-2006
 TXDOT 2005-Present
 TPWD 2004-Present
 USFWS 2000-Present

NonGame Wildlife Resources:

Big Bend Slider: National Park Service 1998-Present
 TPWD 2001-Present

Mexican Beaded Lizard: Arizona Sonoran Desert Museum 2002-Present

4. Workshops:

2013

Successful Research in Academia, International Faculty Forum, 5th Annual International Research Conference for Graduate Students. November 6-7, 2013, Texas State University, San Marcos, TX.

2011

Gharial species recovery, Conservation Genetics and monitoring. Gharial Survival Alliance. June 2011. Delhi, India. (rescheduled to 2011 out of conflicts with CSG meeting of 2010)

2009

Inaugural Panel Session, National Phenology Network, Animal Phenology program. NatureServe and the National Science Foundation. June 16-19, 2009. Arlington, Virginia, USA.

2007

Forstner, M.R.J. Advanced Phylogenetic Analyses: from markers to genes. Malaysia Genome Institute, University of Malaysia, Kebangsaan. Dec 3-7, Bangi, Selangor, Malaysia. (Invited Workshop leader)

2003

Threats to the Houston toad and research toward its conservation. Long distance Learning course. National Wildlife Federation. Dec 22, 2003. (Invited on-line course)

2001

IUCN Asian turtle workshop: Developing Conservation Strategies through captive management. Jan 2001. Ft. Worth Zoo, Ft. Worth Texas, USA.

1999

Workshop on methods in gene analysis II: DNA sequencing and analysis. 1999. UKM-MTDC Biotechnology Academy, NBD, MOSTE, and Center for Gene Analysis and Technology, University of Malaysia, Kebangsaan. Oct 18-27, Bangi, Selangor, Malaysia. (Invited Workshop leader)

5. Other:

N/A

C. Grants and Contracts

1. Funded External Grants and Contracts:

2015

Bonner, T., A. Schwalb, and M.R.J. Forstner. Sept 15- Nov 16. Detection and habitat assessments for endangered aquatic species in Texas II. TXDOT

Forstner, M.R.J. and S.M. McCracken. Jun 15-Aug 17. Minimization and avoidance measures and best management practices, with monitoring, for compliance with Houston toad requirements in the southern region for AT&T. AT&T

Forstner, M.R.J. and S.M. McCracken. May 15-Aug 17. Minimization and avoidance measures and best management practices, with monitoring, for compliance with Houston toad requirements. AT&T

Schwalb, A., D. Rodriguez, T. Hardy, and M.R.J. Forstner. Sept 15-Sept 18. Evaluating the Effectiveness of Freshwater Mussel Mitigation Strategies.

Foley, D.H. and M.R.J. Forstner. Sept 15-Aug 19. Population dynamics of the Rio Grande river cooter (*Pseudemys gorzugi*) in a lotic system.

Forstner, M.R.J. and S. McCracken. Mar 15-Dec 17 Minimization and avoidance measures, monitoring, and autonomous audio surveys for the Houston toad. Benchmark Environmental
 Forstner, M.R.J. Apr 15-May 17. Evaluation of fuel reduction treatments for healthy communities and forests in the Lost Pines of Texas. Bastrop County

2014

Forstner, M.R.J., S.M. McCracken, and D. Rodriguez. Oct 14-Dec14. Management of Houston toads during forest thinning and fuel management operations. Raven Environmental/FEMA.
 Forstner, M.R.J., McCracken, S.M., and D. Rodriguez. July 14-Jan 15. Detecting occurrence of Houston toads in Robertson County with development of avoidance and minimization measures for energy industry exploration and production. Benchmark, Inc.
 Forstner, M.R.J., S. McCracken and D. Rodriguez. Sept 14-Aug 16. Testing habitat recovery options for the Houston toad in Bastrop State Park, Bastrop, TX.
 Bonner, T., A. Schwalb, and M.R.J. Forstner. Jun 14- Sept 15. Detection and habitat assessments for endangered aquatic species in Texas. TXDOT
 Forstner, M.R.J. Apr 14-Apr 19. Research seeking to enable Houston toad recovery from drought and catastrophic wildfire.
 Forstner, M.R.J. Jan 14-Dec 16. Understanding and mitigating wildlife motorist interactions. TXDO.
 Forstner, M.R.J. Jan 14-Dec 16. Target and nontarget arthropod outcomes from Fire Ant control methods during roadway construction. TXDOT.
 Rossignol, T., E. Erfling, P. Najvar, J. Hill, M. Morrow, and M.R.J. Forstner. Aug 14-Aug16. Red imported fire ant control to increase survival of Attwater's prairie-chicken broods and Houston toads. USFWS
 McCracken, S., D. Rodriguez and M.R.J. Forstner. Jan 14-Aug 14. Using an extensively documented and validated habitat suitability model for conservation management of the Texas tortoise, *Gopherus berlandieri*, defining its status in the coastal prairies and eastern range. TPWD
 Rodriguez, D. and S. McCracken, (Forstner, M.R.J. as Project Director). Jan 14-Dec 14. Houston toad management and recovery options during roadway repair and fire restoration in Bastrop County. Bastrop County

2013

Forstner, M.R.J. and D.J. Brown. July 13- March 14. Houston toad occupancy testing post-catastrophic wildfire. USFWS/TPWD
 Forstner, M.R.J. June 13-May 14. Houston toad management during recovery and rebuilding activities for homesites in the Bastrop Complex Fire zone.
 Forstner, M.R.J. Mar 13-Feb14. Houston toad management options during drainage restoration actions in Bastrop County.
 Forstner, M.R.J. Mar 13-Feb14. Houston toad management options during right of way restoration actions in Bastrop County.
 Forstner, M.R.J., V. Elliott, and D. Hahn. Jan 13-Sept14. Capacity Development for Systematic Monitoring and Integrated Science for the TLS, Mekong and 3S Rivers, Cambodia. Margaret A. Cargill Foundation
 Venumbaka, R. and D. Hahn (M.R.J. Forstner Project Director). Mar 13- Jun 13. Detecting occurrence of Houston toads in Colorado County with development of avoidance and minimization measures for pipeline operations. Inergy, Inc.
 Rahe, H., M.R.J. Forstner, and D. Hahn. Feb 13-Aug 15. Science based sustainable agriculture support at Texas State University. USDA .

- Forstner, M.R.J., J. Tomasso, and D. Hahn. (Feb 13-Aug 15). Detection of density abundance, stress, and disease in the Jollyville Salamander. Williamson County Yates, J., M. Longoria, C. Harper, and M.R.J. Forstner. Jan 13-Jan14. Management and habitat recovery options for Lost Pines habitats of the Houston toad present on the Griffith League Ranch, Bastrop County, Texas. Land owner incentive program TPWD/Partners in Wildlife USFWS
- 2012
- Forstner, M.R.J., M. Jones and D. Hahn. (Aug 12-Aug15). Testing habitat restoration options in the Houston toad (*Bufo houstonensis*) within the aftermath of the Bastrop County Complex Fire. USFWS/TPWD .
- Castro-Arellano, I., C. Gaedicke, D. Hahn, C. Green, and M.R.J. Forstner. Sept 12-Aug14. Contribution of bridge dwelling birds to bacterial water quality impairments. TXDOT
- Tomasso, J. and Forstner, M.R.J. (Project director) May 12-July 13. Bastrop County emergency response research: Houston toad occurrence and management options. Bastrop County, TX. Bastrop County/FEMA
- Forstner, M.R.J., D. Lemke, and D. Hahn. Jan 12-Dec 14. Vertebrates and vegetation along historic riparian corridors of Lone Man Creek. Fowler Family
- Forstner, M.R.J., D. Hahn, and D. Lemke. Jan 12-Dec 14. Vertebrates and vegetation along historic riparian corridors of Lone Man Creek II. Pier Family
- Tomasso, J. & Forstner, M.R.J. (Project director) Feb 12-Aug13. Evaluation and minimization of Houston toad interactions during Federal Highways operations, Bastrop County, TX. TXDOT/Federal Highways Administration
- Tomasso, J. & Forstner, M.R.J. (Project director) Feb 12-May 13. Evaluation and minimization of Houston toad interactions during FEMA operations, Bastrop County, TX. Dewberry/FEMA
- 2011
- Forstner, M.R.J. Jan 11-Aug 13. Houston toad (*Bufo houstonensis*) response to habitat recovery efforts, Bastrop State Park, Bastrop, Texas. TPWD
- Forstner, M.R.J. and D. Hahn. Feb 11-Nov 15. Assessing connectivity and highway infrastructure permeability in the Houston toad. USFWS/TXDOT.
- Forstner, M.R.J. and D. Hahn. Feb 11-Nov 15. Primary and secondary outcomes of fire ant management within Houston toad habitat. USFWS/TXDOT.
- 2010
- Forstner, M.R.J., P. Crump and D. Hahn Sept 2010-Aug 2012. Population supplementation: a proven means toward endangered species recovery for the Houston toad. USFWS/TPWD.
- Hoth, D., P. Crump, D. Hahn and M.R.J. Forstner. Jan 11-Dec 12. Range-wide Houston toad conservation *ex situ* operations. USFWS
- Mahato, N. and M.R.J. Forstner. Jan 10-Mar 10. Red Panda habitat suitability in Nepal from GIS analysis of the environmental correlates of known detection observations. Houston Zoo, Inc.
- 2009
- Musgrave, D., D. Wolfe, M. Gaston, and M.R.J. Forstner. Jan 10-Dec 11. Houston toad habitat improvement: Musgrave Property. Landowner Incentive Program, Texas Parks and Wildlife Department.
- Nava, P., D. Wolfe, M. Gaston, and M.R.J. Forstner. Jan 10-Dec 11. Houston toad habitat improvement: Nava Property. Landowner Incentive Program, Texas Parks and Wildlife Department.
- Rust, D., M. Gaston, M.R.J. Forstner and D. Wolfe. Jan 10-Dec 11. Houston toad habitat improvement: Rust Property. Landowner Incentive Program, Texas Parks and Wildlife Department.
- Riger, P., P. Crump and M.R.J. Forstner. May 2009-Dec 2010. Houston toad (*Bufo houstonensis*) head-starting program: *Mycobacterium* outbreak supplemental. USFWS.

- Wolfe, D. and M.R.J. Forstner July 2009-Aug 2013. Forest Restoration and Enhancement in the Lost Pines Ecosystem with an Emphasis on Recovery of the Houston Toad. Cooperative Conservation Partnership Initiative, USDA.
- Forstner, M.R.J. Jan 2010-Dec 2012. Fine scale effects of prescribed fire on the Lost Pines ecosystem. USFWS/TPWD.
- Riger, P., P. Crump and M.R.J. Forstner. July 2009-Dec 2010. Houston toad (*Bufo houstonensis*) head-starting program. Mohamed bin Zayed Species Conservation Fund.
- 2008
- Forstner, M.R.J. Dec 08-Dec 09. Gharial recovery planning and critical needs assessment. Batchelor Foundation
- Krejca, J. and M.R.J. Forstner. Dec 08-Aug 09. Biological inventory and monitoring at Jacobs Well. Coypu Foundation Trust/Texas River Systems Institute.
- Forstner, M.R.J., J.R. Dixon, J.H. Yantis, and J.S. Hatfield. Nov 08-Aug 09. Status review of the Houston toad. USFWS/TPWD.
- Jackson, J., J.R. Dixon, and M.R.J. Forstner June 08-Dec 08. Monitoring of Big Bend slider populations using mark-recapture in Big Bend National Park. NPS.
- Forstner, M.R.J., D. Wolfe, M. Snyder, and D. Hahn. Jan 08-Dec 11. The Effects of Fire and Other Habitat Manipulations on the Houston Toad (*Bufo houstonensis*) emphasizing removal of fire suppression in occupied habitat. Utilities Houston toad conservation committee.
- Forstner, M.R.J., R. Simpson, Y. Zhang, D. Hahn. Mar 08-Dec 13. Assessing freshwater turtle populations and consequences of harvest regimes across Texas. TPWD
- Forstner, M.R.J. and D. Hahn. Feb 08-Dec 09. Recovery of species imminently threatened by extinction: the Houston toad. USFWS
- Forstner, M.R.J., M.C. Green, and M. Fonstad. Jan 08-Dec 08. GIS model assessment of the Houston toad for areas of scheduled bridge replacements. TXDOT.
- Riger, P., M.R.J. Forstner, D. Hahn, D. Wolfe, P. Crump, and S. Mays. Sept 2008-Jan 2012. Lost Pines private land stewardship supporting high priority species integrating both *in situ* and *ex situ* conservation projects. TPWD/USFWS
- 2007
- Hudson, R., M.R.J. Forstner, D. Hahn, M. Chumchal, R. Drenner, T. Rainwater. 2007. Oct 07-Dec 09. Freshwater turtle trends in the Rio Grande/Rio Bravo and Brazos basin evaluating abundance and bioaccumulation. USDA/TPWD
- Forstner, M.R.J. Mar 07-Dec 13. Houston toads at the headwaters of Alum creek. D. Musgrave family.
- Adnan, A.M., K.T. Ariffin, M.R.J. Forstner, S.A. Harmin, I. Ishak, R.N. Lah, W.K. Lian, R. Mohamed, S.A.M. Nor, A.S. Othman, and D.N. Sin. Jan 07-Aug 09. Asian Sea bass Genomics and Genetics. TOP-DOWN Biotechnology project, National Biotechnology Division, Malaysia.
- Hahn, D. and M.R.J. Forstner. Jan 07-Dec 08. Chytrid fungus risks to Central Texas endangered amphibians. Texas State University REP program.
- 2006
- Forstner, M.R.J. Sept 06-Aug 09. Houston toad metapopulation assessment and genetics: recovery strategies in a widely fragmented landscape. USFWS/TPWD
- Forstner, M.R.J. Jun 06-Nov 11. Landscape scale fire ant management effects on arthropod diversity within Houston toad habitat. USFWS/TXDOT.
- Forstner, M.R.J. Jun 06-Sept 07. Habitat improvements for Endangered species: Rattlesnake Cave.
- Forstner, M.R.J. Mar 06-Dec 09. Habitat and herpetology of South Shore Woods. Pines and Prairies Land Trust.
- Forstner, M.R.J. Jan 06-Nov 11. Houston toad habitat: effects of modifications on highway underpasses on vertebrate travel and mortality. USFWS/TXDOT.

- Forstner, M.R.J. Apr 2006-Dec 2009. Population structure of *Heloderma horridum charlesborgerti*. ASDM
- 2005
- Wolfe, D. and M.R.J. Forstner. Jul 05-Dec 06. Conservation of the Houston toad on private lands in Bastrop County, Texas. Environmental Defense/National Fish and Wildlife Foundation.
- Hahn, D. and M.R.J. Forstner. Aug 05-Aug 07. Incidence and prevalence of chitrid fungus in central Texas. Braun and Associates, Inc. Austin, TX.
- Forstner, M.R.J. and T. R. Simpson. May 05-June 06. Prescribed fire in the Lost Pines: Effects on small mammal fauna of Bastrop State Park. Texas Parks and Wildlife Department.
- Forstner, M.R.J., C. Nice, and D. Hahn. Mar 05-Nov 06. Integrating genomics CE laboratory hardware and fluidics automation within undergraduate and graduate coursework in the Department of Biology, Texas State University|San Marcos. Beckman-Coulter, Inc.
- Forstner, M.R.J. and J.R. Dixon. April 05-Dec 06. Conservation genetic evaluation of *Nerodia harteri* and population status of the snakes in the Colorado and Brazos river systems using state of the art molecular markers and analyses. United States Fish and Wildlife Service.
- Forstner, M.R.J. March 2005-Sept 2007. Introgressive threats to native turtle fauna, *Trachemys gaigeae*. National Park Service.
- 2004
- Forstner M.R.J. May 2004-Dec 2004. Tadpole DNA Analysis 2004. Loomis Austin, Inc.
- Forstner, M.R.J. Jan 2004-Aug 2006. Management of Houston toads on Private lands. Environmental Defense, Plateau Environmental, Mark Daniels.
- 2003
- Forstner, M.R.J. Sept 2003-Dec 2006. Population structure of the captive population of *Heloderma horridum*. ASDM
- Forstner, M.R.J. Oct 2003-Aug 2006. Habitat management options for Houston toads on livestock ranches. USFWS/TPWD/Environmental Defense.
- Forstner, M.R.J. Apr 2003-Aug 2004. Determining the Status of the Rare Rio Grande cooter (*Pseudemys gorzugi*) in the South Texas Plains and Edwards Plateau Regions of Texas. Ft. Worth Zoo and TPWD.
- Forstner, M.R.J. Mar 2003-June 2005. Multiple life-stage tracking of the Houston toad (*Bufo houstonensis*) using active and passive methodologies. USFWS/USGS.
- 2002
- Forstner, M.R.J. Sept 2002-Sept 2003. Baseline assessments in conservation: the Houston toad in Bastrop County. Bastrop County/EPA.
- Forstner, M.R.J. June 2002-May 2004. Genetics of a putative Houston toad hybrid zone. ALCOA
- Forstner, M.R.J. Jan 2002-Dec 2003. Houston toad biology. USFWS/TPWD/BC.
- Forstner, M.R.J. & J. Baccus Jan 2002-Dec 2005. Houston toad life history and genetics. USFWS/TPWD/BSA.
- 2001
- Forstner, M.R.J. May 2001-June 2002. Genetic analyses of unknown tadpoles. ALCOA.
- Forstner, M.R.J. March 2001-March 2002. Habitat use by the Houston toad. ALCOA.
- Pastorini, J. and M.R.J. Forstner. Jan 2001-Dec 2001. Population genetics of Ringtailed lemurs. A.H. Schultz Foundation.
- 2000
- Pastorini, J. and M.R.J. Forstner. Nov 2000-Dec 2001. Population genetics of Mongoose lemurs. Julius Klaus Foundation.
- Forstner, M.R.J. and J. Pastorini. Nov 2000-Jan 2001. Genetic marker development for endangered lemurs.
- Forstner, M.R.J. Mar 2000-Dec 2000. DNA sequence identification of *Bufo* tadpoles including those of the endangered Houston toad (*Bufo houstonensis*). ALCOA.

1998

Forstner, M.R.J. and B.K. Mealey. Jun 1998-Dec 1999. Conservation genetics of *Malaclemys* in Texas and Florida. Species at Risk Program of the USGS.

Melnick, D., J.C. Morales, M.R.J. Forstner. April 1998. Supplemental award toward: Population genetics, molecular systematics, and the evolution and conservation of Asian macaques and Leaf monkeys. NSF Physical Anthropology Panel.

1997

Melnick, D., J.C. Morales, M.R.J. Forstner. Aug 1997-Jul 2001. Population genetics, molecular systematics, and the evolution and conservation of Asian macaques and Leaf monkeys. NSF Physical Anthropology Panel.

Forstner, M.R.J. and S.K. Davis. Jun 1997-Dec 1998. Population status and genetic variation in U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Species at Risk Program. USGS.

Forstner, M.R.J. and S.K. Davis. Jan 1993-Jan 1995. Phylogenetic analysis of the snake family Boidae using mtDNA sequence data. NSF Dissertation Improvement Grant, #DEB9310983.

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

McCracken, S.M., D. Rodriguez, D. Hahn, M.R.J. Forstner. **In review.** Sept 15-Aug 17. Habitat suitability, geographic distribution, and population status of the Black-spotted Newt (*Notophthalmus meridionalis*). USFWS/TPWD \$122,511.

3. Funded Internal Grants and Contracts:

Forstner, M.R.J. Nov 11-Aug 12. Bastrop Complex Fire recovery funding addressing research infrastructure in Bastrop County. Office of the Vice President for Research, Research Opportunities Award, Texas State University

Forstner, M.R.J. Jan 2010-Dec 2010. Leveraging critical genomics hardware into future research success at Texas State University. Texas State University, Associate Vice President for Research, Presidential initiative fund.

Forstner, M.R.J. and D. M. Garcia. Jan 2001-Dec 2001. Phylogenetic analyses of the alpha-actinins and sequence characterization of novel isoforms. SWT-REP Program.

Forstner, M.R.J. May 2000-Aug 2000. Grant and Research Development Award. SWTSU.

Forstner, M.R.J. Jan 2000-Dec 2001. The genetic consequences of an ancient lake for Chihuahuan desert reptiles. SWTSU REP program.

Forstner, M.R.J. April 1998. International Travel Award. University Research Council, FAU.

Forstner, M.R.J. Jan 1998-Jan 1999. Population genetics of the turtle, *Malaclemys terrapin*, in Florida. Florida Atlantic University Research Council.

4. Submitted, but not Funded, Internal Grants and Contracts:

I submit ~1 new requests each year with the results above, unsuccessful projects are most often recycled into new submissions. I have not listed the remaining here.

5. Fellowships, Awards, Honors:

Regent's Professor, Texas State University, by the Board of Regents of the Texas State University System, Austin, TX 78701, Nov 8, 2013-to present.
 University Distinguished Professor, Texas State University, San Marcos, TX & the Texas State University System, 2013-to present.
 Endowment for Collaborative studies with the Royal University Phnom Penh. 2012-2032.
 Professor of International Studies (Honorary title). 2011-2017.
 Presidential Award for Excellence in Scholarly/Creative Activities (Associate/Full Professor level) 2010. Texas State University, San Marcos, TX. .
 Recipient, Presidential Developmental Leave supplemental award . 2010-2011.
 Endowed Chair of Genetics (Alexander-Stone Chair), Texas State University. 2008-2014.
 Professor of International Studies (Honorary title). 2008-2011.
 Biography published in Who's Who in America. 2009.
 Biography published in Marquis Who's Who 2008-2009.
 Excellence in Scholarly/Creative Activities. 2007. San Marcos Chamber of Commerce Education Committee. San Marcos, TX.
 Biography published in Who's who among American teachers and educators. 2007.
 Presidential Award for Excellence in Scholarly/Creative Activities (Associate/Full Professor level) 2006. Texas State University, San Marcos, TX.
 Outstanding Achievement in Academics. 2002. San Marcos Chamber of Commerce Education Committee. San Marcos, TX
 SWTSU Presidential Award for Excellence in Scholarly/Creative Activities (Assistant Professor level), 2001. Southwest Texas State University. San Marcos, TX.

III. TEACHING

A. Teaching Honors and Awards:

N/A

B. Courses Taught:

2000-present

Undergraduate: BIO 2450 Genetics

BIO 4299 Undergraduate Research

BIO 4369 Biosystematics

BIO 4465 Entomology

BIO 3401 Evolution & Genetics

BIO 4434 Herpetology

BIO 4299 Undergraduate Research

BIO 1420 Zoology

Graduate:

BIO 7466 Advanced Phylogenetics

BIO 7102 Seminar in Aquatic Resources

BIO 5434 Herpetology

BIO 7402 Molecular Field Techniques

BIO 5466 Phylogenetic Methods

BIO 7314 Research Experience

BIO 7303 Research

BIO 7203 Problems in Aquatic Resources

BIO 5465 Entomology
 BIO 5319 Topics in Ecology (Molecular Biology)
 BIO 5466 Phylogenetic Methods
 BIO 7360 Special Topics in Biology/Aquatic Resources

1997-1999 (Florida Atlantic University)

Undergraduate: BSC 4427L Biotechnology Lab II (was Biotechnology)
 BSC 4403L Biotechnology Lab I (was Intermediate Microbiology)
 PCB 4674 Evolution
 PCB 3063 Genetics
 PCB 4522 Molecular Genetics
 BSC 4905 Undergraduate Directed Independent Studies

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

Ph.D. STUDENTS SUPERVISED:

Current: 3 (Chair), 3 total

Andrew MacLaren (Ph.D. 2015-2019). Autonomous audio and the autecology of amphibian chorusing. Texas State University, San Marcos, TX. Chair.

Shashwat Sirsi (Ph.D. 2015-2019). Sex determination in the giant river turtles of India. Texas State University, San Marcos, TX. Chair.

Zach Adcock (Ph.D. 2012-exp 2016). Ecology and systematics of the Eurycea on the northern Edwards Plateau of Texas. Texas State University, San Marcos, TX. Chair.

Graduates: 8 as Chair/co-Chair, 16 total

Melissa Jones Ph.D. 2015. Efficacy and efficiency of head-starting and captive propagation of an endangered amphibian: Implications for continued population and habitat management following catastrophic wildfire. Texas State University, San Marcos, TX. Chair.

Adam Duarte Ph.D. 2015. Accurately assessing populations in the face of parametric uncertainty. Texas State University, San Marcos, TX. Committee member.

Suvidha S. Samant Ph.D. 2015. Microbial ecology of *Frankia* sp. under different environmental conditions. Texas State University, San Marcos, TX. Committee member.

Ivana Mali Ph.D. 2014. Sustainability in wildlife utilization. Texas State University, San Marcos, TX. Chair.

Brian Mealey Ph.D. 2014. Vertebrate ecology of the Florida Bay estuarine vertebrates. Florida Atlantic University. Davie, FL. Committee member.

Donald Brown Ph.D. 2013. Aquatic ecosystem effects from prescribed fire in southern forests. Texas State University, San Marcos, TX. Chair.

Shawn McCracken Ph.D. 2012. Modeling hydrologic patterns correlated with diversity in tropical amphibians. Texas State University, San Marcos, TX. Chair

James (Buddy) Gaertner Ph.D. 2010. The autecology of Salmonella. Texas State University, San Marcos, TX. Committee member.

Jake Jackson Ph.D. 2010. Consequences of anthropogenic changes in the Rio Grande drainage on vertebrate community composition and population dynamics. Texas State University, San Marcos, TX. Chair.

Diana McHenry Ph.D. 2010. Population genetics and endemism, the Houston toad and sympatric proxy in understanding its historical population dynamics. University of Missouri, Columbia, MO. Co-Chair.

Allana Welsh Ph.D. 2009. Microbial ecology of the soil bacteria, *Frankia*. Texas State University, San Marcos, TX. Committee member. Current Position: Post doc, Upsalla, Sweden.

- Todd Swannack Ph.D. 2007. Ecology of the Houston toad (*Bufo houstonensis*). Texas A&M University, College Station, TX. Committee member. Current Position: Post doc, Texas A&M University
- David Rodriguez Ph.D. 2007. The genetics of endangered species recovery: an example from *Crocodylus acutus*. Texas Tech University. Lubbock, TX. Co-Chair. Current Position: NSF post doc, Cornell University.
- Jennifer Pastorini Ph.D. 2000. Molecular systematics of lemurs. University of Zürich, Zürich, Switzerland. Co-chair. Current Position: Research Scientist, Centre for Conservation and Research, 35 Gunasekara Gardens, Nawala Road, Rajagiriya, Sri Lanka.
- Adura Adnan Ph.D. 1999. Conservation genetics of the Malaysian mouse deer (*Tragulus*). University of Malaysia, Kuala Lumpur, Malaysia. External Advisor. Current Position: Assistant professor, University of Malaysia, Kuala Lumpur, Institute of Biotechnology and Life Sciences, KL, Malaysia.
- Wen Wang Ph.D. 1996. Conservation genetics of the Chinese leaf monkeys. Kunming Institute, Kunming, China. External Advisor. Leader, Max Planck Junior Research Group on Evolutionary genomics and deputy director of the Key laboratory of cellular and molecular evolution, and Assistant director of the Kunming institute of Zoology, Chinese Academy of Sciences.

M.Sc. STUDENTS SUPERVISED: Current: 4 (Chair); 7 total

- James (Payton) Prather (M.Sc. 2015-exp2017). Road ecology: creating safe detection with high efficiency in road kill surveys. Texas State University. San Marcos, TX. Chair.
- William Keitt (M.Sc. 2015-exp2017). Genomic inference of population connectivity among surface drainages in central Texas. Texas State University. San Marcos, TX. Chair.
- Sara Robertson (M.Sc. 2014-exp2016). Microbial metagenomics and the response of biofilms to treatment reductive forces. Texas State University. San Marcos, TX. Committee member.
- Jasmine Hernandez (M.Sc. 2015-exp2017). Herpetofaunal community responses to understory thinning operation using mechanical flail. Texas State University. San Marcos, TX. Chair.
- Joe Jandle (M.Sc. 2013-2015). Grassland bird habitat usage in Central Texas hill country habitats used in cattle operations. Texas State University. San Marcos, TX. Committee member.
- Madeleine J. Marsh (M.Sc. 2014-exp2016). Fire ants, habitats, and juvenile Houston toad survivorship. Texas State University. San Marcos, TX. Chair.
- Shantel Swierc (M.Sc. 2014-exp2016). *Malaclemys* status on the Texas coast. Texas A&M Corpus Christi. Committee member.

**Graduates: 30 (Chair); 49 total
2015**

- Justin Crowe M.Sc. (2013-2015). Effects of Temperature and nitrogenous wastes on survival and growth of the Barton Springs salamander (*Eurycea sosorum*). Texas State University. San Marcos, TX. Committee member.
- Adriana Aleman M.Sc. (2013-2015). The prevalence of Chagas Disease (*Trypanosoma cruzi*) in Texas rodent populations. Texas State University. San Marcos, TX. Committee member.
- Shawntel Lopez M.Sc. (2013-2015). The effects of net confinement and rapid salinity change on Red drum (*Sciaenops ocellatus*) fed supplemented diets. Texas State University. San Marcos, TX. Committee member.
- Elise C. Valdes M.Sc. (2013-2015). Effect of compost tea on plant growth performance and the fate of microbial communities in soil. Texas State University. San Marcos, TX. Committee member.

Erica M. Molina M.Sc. (2013-2015). The physiological effect of hypersalinity and temperature on survival of juvenile Red drum (*Sciaenops ocellatus*). Texas State University. San Marcos, TX. Committee member.

Derek Wallace M.Sc. (2010-2012). A spatiotemporal habitat fragmentation analysis for the Houston toad (*Bufo houstonensis*). Texas State University. San Marcos, TX. Chair.

Lauren Schumacher M.Sc. (2012-2015). Population genetics of the Big Bend slider (*Trachemys gaigeae gaigeae*) and the Red-eared slider (*Trachemys scripta elegans*) in the contact zone of the Lower Rio Grande drainage of Texas. Texas State University. San Marcos, TX. Chair.

Andrew MacLaren M.Sc. (2014-2015). Automated detection of rare and endangered anurans using robust and reliable detection software. Texas State University. San Marcos, TX. Chair.

Anjana Parandhaman M.Sc. (2013-2015). Using a Habitat Suitability Model and Molecular Analyses to Aid in the Conservation Management of the Texas Tortoise, *Gopherus berlandieri*. Texas State University. San Marcos, TX. Chair.

2013

Devin Preston M.Sc. 2013. Predation-related chemical cues decrease the activity levels of Houston toad (*Bufo houstonensis*) and Coastal Plain toad (*Bufo nebulifer*) tadpoles. Texas State University. San Marcos, TX. Chair.

2012

Amber Harper M.Sc. 2008-2012. Comparative methods for assessing drought impacts on nongame wildlife resources. Texas State University. San Marcos, TX. Chair

2011

Megan Lindsay (M.Sc. 2009- 2011). Turtle effects in pond ecosystems. Texas State University. San Marcos, TX. Committee Member.

2010

Naveen Mahato (M.Sc. 2008-2010). Conservation planning in the red panda of Nepal. Texas State University. San Marcos, TX. Chair.

Amanda Schultz (M.Sc. 2009-2010). Inferring population changes of freshwater turtles in south Texas. Texas State University. San Marcos, TX. Chair.

Brian Dickerson (M.Sc. 2009-2010). Impacts of urbanization on freshwater turtle demographics. Texas State University. San Marcos, TX. Chair.

2009

Vincent Farallo. 2009. Population genetics of mottled rock rattlesnakes (*Crotalus lepidus lepidus*) toward an understanding of adaptive color hypotheses. Texas State University. San Marcos, TX. Chair.

Romey Swanson. 2009. Amphibian, Reptile and Mammal Assemblages of Palmetto State Park and the Ottine Wetlands with Comparisons to Historical Data. Texas State University. San Marcos, TX. Committee Member.

2008

Donald Brown (M.Sc. 2007-2008). The effects of three decades of change on the south Texas aquatic turtle community. Texas State University. San Marcos, TX. Chair.

Akiko Fujii (M.Sc. 2006-2008). Conservation genetics in Texas tortoises (*Gopherus berlandieri*). Texas State University. San Marcos, TX. Chair.

Michele Gaston (M.Sc. {2001}2006-2008). Are common reptile and amphibian taxa also in decline? Texas State University, San Marcos, TX. Chair.

Julie Parlos (M.Sc. 2005-2008). Effects of roost size on the metapopulation genetics in microchiropterans. Texas State University. San Marcos, TX. Chair.

Daniela Buzo (M.Sc. 2006-2008). Conservation stewardship using GIS modeling and tools in habitat characterization of the Houston toad. Texas State University. San Marcos, TX. Chair.

2007

- David Von Miller (M.A. 2004-2007). A GIS approach for the Texas Diamondback terrapin, *Malaclemys terrapin littoralis* applicable for management and conservation priorities. University of West Florida, Pensacola, FL. Practicum Supervising Advisor (Faculty Chair).
- James (Buddy) Gaertner (M.Sc. 2005-2007). Tracking wildlife pathogens in applications of ecosystem management. Texas State University. San Marcos, TX. Committee member.
- John McVay (M.Sc. 2004-2007). Phylogeography of the blotched watersnake (*Nerodia erythrogaster*) in Texas. Texas Tech University. Lubbock, TX. Committee member.
- 2006
- Zach Gompert (M.Sc. 2004-2006). Evolutionary consequences of hybridization in the *Lycaides* species complex. Texas State University. San Marcos, TX. Committee member. Current Position: Doctoral Student, University of Cambridge, UK.
- Melissa Jones. M.Sc. 2006. Effects of prescribed burns on small mammal populations with comments on amphibian populations. Texas State University. San Marcos, TX. Chair. Current Position: Lecturer, Comparative Anatomy, Virginia.
- Angela Feltoon M.Sc. 2006. Conservation genetics using mtDNA and microsatellite markers in the beaded lizards. Texas State University. San Marcos, TX. Chair. Current Position: Research Technician III, Ambion, a division of Applied Biosystems.
- 2005
- Adam Ferguson M.Sc. 2005. Predation effects and consequences to pit fall survey assessments of vertebrate fauna. Texas State University. San Marcos, TX. Chair. Current position: Museum Assistant, San Angelo State University, San Angelo, Texas.
- Lindley Bailey M.Sc. 2005. Conservation genetics in Texas river turtles. Texas State University. San Marcos, TX. Chair. Current Position: doctoral student, Texas State University. Current Position: Air Quality Planning section, TCEQ, Austin, Texas. (512) 239-0003.
- Maurine Spencer M.Sc. 2005. Population genetics of locally endemic butterflies. Texas State University. San Marcos, TX. Committee member. Current Position: IPC High School teacher, Dallas, TX.
- Jonas Rosenthal M.Sc. 2005. Phylogeographic signatures of a Pleistocene lake in west Texas. Texas State University. San Marcos, TX. Chair. Current Position: Human ancestry researcher, laboratory technician, Trace Genetics, Richmond, CA.
- 2004
- Christa Bates M.Sc. 2004. Gene regulation in biofilm formation. Texas State University, San Marcos, TX. Committee member. Current Position: Laboratory Technician, Ambion, Inc., Austin, TX.
- Nicole Burpo M.Sc. 2004. Dietary protein effects on the Black Knob Sawback (*Graptemys nigrinoda*). Texas State University. San Marcos, TX. Chair. Current Position: Research Scientist, Division of Waste Management, 14 Reilly Road, Frankfort, KY 40601, (502) 564-6716 ext. 244, Fax (502) 564-2705.
- Prasad Phatarpekar M.Sc. 2004. Isolation and sequencing of Muscarinic Acetylcholine Receptor genes from fish. Texas State University. San Marcos, TX. Committee member. Current Position: doctoral student, University of Oklahoma
- Kensley Greuter M.Sc. 2004. Survivorship and growth in the endangered Houston toad. Texas State University, San Marcos, TX. Chair. Current Position: Supervisor, water resource quality, TCEQ, Austin TX
- Dijar Lutz-Carillo M.Sc. 2004. Evaluation of polymorphic microsatellite loci in largemouth bass (*Micropterus salmoides*). Texas State University, San Marcos, TX. Committee member. Current Position: Research scientist, population genetics, TPWD, San Marcos, TX
- 2003
- Sue Morris M.Sc. 2003. Systematic status of *Blarina* in the Lost Pines, Bastrop Co. TX. Texas State University, San Marcos, TX. Chair. Last known Position: doctoral student, Texas State University

- Gina Lobban M.Sc. 2003. Molecular dynamics of intra-erythrocyte parasites in chelonian populations. SWTSU, San Marcos, TX. Chair. Current Position: Instructor, community college
- 2002
- Diana McHenry M.Sc. 2002. Molecular systematics of the Texas genera of Nyctaginaceae. SWTSU, San Marcos, TX. Chair. Current Position: doctoral student, University of Missouri, Columbia, MO
- Mike McFadden M.Sc. 2002. Phylogenetic evaluation of the Corn snake (*Elaphe guttata*). SWTSU, San Marcos, TX. Chair. Current Position: DVM surgical intern, Texas A&M University
- Dolores Weisbaum M.Sc. 2002. Description and distribution of antennular setae of Scyllarid lobsters (*Scyllarides aequinoctialis*, *S. latus*, and *S. nodifer*) with comments on their possible function. SWTSU, San Marcos, TX. Chair. Current Position: Technician, UTMB, Galveston, TX
- Matt Stephens M.Sc. 2002. Phylogenetic dynamics of feeding apparatus in cichlid fishes. SWTSU, San Marcos, TX. Committee member.
- 2001
- Lindsay Miller M.Sc. 2001. Effects of hurricane Georges on a population of *Malaclemys terrapin* in Florida bay. FAU, Davie, FL. Co-chair. Current Position: Instructor, Nova SE University, Davie, FL.
- Jamie D. Dixon M.Sc. 2001. The genetic constitution of a possible *alpha*-actinin isoform. SWTSU, San Marcos, TX. Committee member. Current Position: Self employed, Bulverde, TX
- Janie Nelan M.Sc. 2001. Egg comparisons and volume estimation methods between the common musk turtle (Kinosternidae: *Sternotherus odoratus*) and the Texas tortoise (Testudinidae: *Gopherus berlandieri*). SWTSU, San Marcos, TX. Committee member. Current Position: doctoral student, UT Arlington, Arlington, TX
- Katy Windham M.Sc. 2001. Acyl-homoserine lactone recruitment of bacteria into biofilms. SWTSU, San Marcos, TX. Committee member. Research Technician II, Cornell University, Ithaca, NY.
- 2000
- Chris White M.Sc. 2000. Phylogenetic relationships among members of the crinoid family Comasteridae from DNA sequence analyses of extant taxa. NOVA, Davie, FL. Committee member.
- 1999
- Pat Razzano, M.Sc. 1999. Genetic variation in North American populations of the six-lined racerunner (*Cnemidophorus sexlineatus*). Hofstra University, Long Island, NY. External Advisor. Current Position: North Shore/LIJ Research Institute, Manhasset, NY 11030.

D. Courses Prepared and Curriculum Development:

BIO 2450 Genetics
 BIO 4369 Biosystematics
 BIO 5466 Phylogenetic Methods
 BIO 7466 Advanced Phylogenetics
 BIO 7402 Molecular Field Techniques

E. Funded External Teaching Grants and Contracts:

- Forstner, M.R.J. Feb 06-Dec 10. Student conservation stewardship award for Houston toad research. Bluebonnet Electric. (\$64,781)

F. Submitted, but not Funded, External Teaching Grants and Contracts:

N/A

G. Funded Internal Teaching Grants and Contracts:

Rodriguez, D. and M.R.J. Forstner. June 06-Aug 06. Predoctoral fellowships in Science for underrepresented minorities. Texas State University. (\$11,000)

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

N/A

I. Other

N/A

IV. SERVICE**A. University:**

Freeman Center strategic plan development committee Chair 2012-present

Proposal development and submission committee 2011-present

Blanket travel policy committee 2011-present

Texas State Vivarium proposal committee 2009-2011

Freeman Ranch Advisory Board, 2004-2011

IACUC-committee member, 2000-2004, 2010-present

IACUC-Chair, 2004-2010

University Ambassadors Council: Department of Biology Representative, 2006-present

Academic Computing Committee, 2008-2010

College Review Committee (alternate) 2008-2010

College Representative, Research Enhancement Program 2011-present

Presidential award (Scholarship), Selection committee member, 2001-2002

Mitte Chair in Water Search Committee member 2007

Presidential Award (Scholarship), Selection committee member, 2006-2007

B. Departmental:

Graduate committee, member 2001-present

Development Committee, member 2006-present

Computers and Network committee, member 2004-2010

Aquarena Building Management Committee, Chair 2008-2010

Land and Properties Use Committee, Chair 2004-2008

Space committee, Chair 2007-2008

member 2005-2007

Norris Award committee 2005-2010

Research committee, member 2004-2007

Tenure/promotion/continuance committee, member 2004-2005

Mitte Chair development committee, member 2004-2006

Academic Program review committee, member 2004-2005

Safety committee, 2001-2005

Annual Review committee (Scholarship), member 2004-2005

Planning committee, 2002-2004

C. Community:

Professional Advisor (exotics), City of Austin, Town Lake Animal Shelter, 2001-present
 Houston toad Biological Advisory council, 2000-2002
 Scientific Review Board, Miami Museum of Science, 1999-2003

D. Professional:

International:

Gharial Survival Alliance species recovery plan working group 2009-present
 Scientific advisory group member, Institute of Biotechnology, University of Malaysia 1999-present

IUCN Turtle Survival Alliance founding partner, 2001-2008
 IUCN/TSA/SSC Steering committee member, 2003-2007
 IUCN/TSA/SSC TMG Chair (*Erymnochelys madagascariensis*), 2005-2007
 IUCN/TSA/SSC TMG co-Chair (*Erymnochelys madagascariensis*), 2003-2005
 IUCN/TSA/SSC Scientific advisor, 2002-2004
 IUCN/TSA/SSC TMG Chair (*Heosemys grandis*), 2001- 2005

National:

Houston toad habitat delivery team, 2010-present
 Houston toad Recovery team member, 2001-present
 Elect Member, Board of Scientists, Chihuahuan Desert Research Council 1999-present
 Grant Reviewer: NSF, National Geographic, IUCN/TSA, National Wildlife Federation
 Molecular Ecology, Molecular Evolution
 Tewksbury Herpetological Institute, Advisory board member, 2003-2005

State:

Bastrop County Environmental Recovery and Rehabilitation Team 2011-present
 Bastrop County Wildlife Management subcommittee 2011-present
 Bastrop County Habitat restoration subcommittee 2011-present
 Texas Conservation Action Plan, Core team 2010-present
 Lost Pines Habitat Conservation Plan, Biological Advisory team 2009-present
 Grant reviewer: Texas Academy of Science
 President-Texas Herpetological Society 2005-2006
 President Elect-Texas Herpetological Society 2004-2005
 Vice President- Texas Herpetological Society, 2003-2004

E. Organizations

President-Texas Herpetological Society 2005-2006
 President Elect-Texas Herpetological Society 2004-2005
 Vice President- Texas Herpetological Society, 2003-2004
 Elect Member, Board of Scientists, Chihuahuan Desert Research Council 1999-present
 Scientific Review Board, Miami Museum of Science, 1999-2003

1. Honorary:

2. Professional:

Society of Systematic Biologists, 2001-2011
 Society for the Study of Amphibians and Reptiles, Life Member 1998-present
 Southwestern Association of Naturalists Life Member 2005-present
 Texas Academy of Science, 2000-2004
 American Society of Ich