

## Timothy H. Bonner

### Mailing Address:

Department of Biology/ Aquatic Station  
601 University Drive  
Texas State University  
San Marcos, Texas 78666

**Revised:** October 2019

**Phone:** (512) 245-3549

**E-mail:** TBonner@txstate.edu

**Website:** <http://www.bio.txstate.edu/contacts/faculty/timothy-bonner.html>

### EDUCATION:

#### **Texas Tech University** -- May 2000

Doctor of Philosophy, Fisheries Science

Secondary emphasis: Statistics

Major Advisor: Dr. Gene R. Wilde

Dissertation Title: Habitat use and reproductive ecology of the Arkansas River shiner and peppered chub in the Canadian River, New Mexico and Texas.

#### **Texas State University- San Marcos** -- August 1996

Master of Science, Biology

Minor: Aquatic Biology

Major Advisors: Drs. Thomas M. Brandt and Bobby G. Whiteside

Thesis Title: The effects of temperature on egg production and early life stages of the endangered fountain darter.

#### **Texas A&M University** -- May 1992

Bachelor of Science, Wildlife and Fisheries Science

Option: Fisheries Science

### PROFESSIONAL EXPERIENCE:

Professor, Department of Biology, Texas State University (2012 – present)

Director, Aquatic Station, Department of Biology, Texas State University (2007 – 2012)

Associate Professor, Department of Biology, Texas State University (2007 – 2012)

Assistant Professor, Department of Biology, Texas State University (2001 – 2007)

Assistant Professor, Department of Biology, Northwestern State University (2000 – 2001)

#### Other:

Postdoctoral Research Associate, Texas Tech University (2000)

Research and Teaching Assistant, Texas Tech University (1996-2000)

Research and Teaching Assistant, Texas State University (1994-1996)

Experimental Biological Aide, Oregon Department of Fish and Wildlife (1992-1993)

### PUBLICATIONS:

83. Craig, C.A. and T.H. Bonner. 2019. Drainage basin checklists and dichotomous keys for the inland fishes of Texas. *Zookeys* 874:31-45.
82. Faucheux, N. M. H., C. A. Craig, and T. H. Bonner. 2019. Rapid assessment for identifying species of greatest conservation need: towards a unified approach. *Fisheries* 44:488-497.
81. Magnelia, S., G. Linam, R. McGillicuddy, K. Saunders, M. Parker, T. Birdsong, D. Lutz-Carrillo, J. Williamson, R. Ranft, and T. Bonner. 2019. Repatriation of Guadalupe Bass *Micropterus treculii* in the Blanco River, Texas: a case study in the opportunistic use of drought as a fisheries management tool. *American Fisheries Society Symposium* 87:213-230.

80. Sotola VA, Craig CA, Pfaff PJ, Maikoetter JD, Martin NH, Bonner TH. 2019. Effect of preservation on fish morphology over time: implications for morphological studies. PLoS ONE 14(3): e0213915. <https://doi.org/10.1371/journal.pone.0213915>
79. Ruppel, D. S., N. M. Hahn, J. D. Maikoetter, and T. H. Bonner. 2019. Prairie Stream Minnows: Smalleye Shiner *Notropis buccula*, Arkansas River Shiner *Notropis girardi*, and Sharpnose Shiner *Notropis oxyrhynchus* in B. Chapman and W. Lutterschmidt, editors. *Texans on the Brink: The Threatened and Endangered Fauna of Texas*. Texas A&M Press.
78. Craig, C. A. and T. H. Bonner. 2019. Fountain Darter *Etheostoma fonticola* in B. Chapman and W. Lutterschmidt, editors. *Texans on the Brink: The Threatened and Endangered Fauna of Texas*. Texas A&M Press.
77. Sotola, V.A., D.S. Ruppel, T.H. Bonner, C.C. Nice, and N.H. Martin. 2019. Asymmetric hybridization between fishes in the Red River basin of Texas associated with variation in water quality. *Ecology and Evolution* 2019:2083-2095.
76. Craig, C. A., J. D. Maikoetter, and T. H. Bonner. 2019. Temperature-mediated feeding between spring-associated and riverine-associated congeners, with implications for community segregation. *PeerJ* 6:e6144 <https://doi.org/10.7717/peerj.6144>
75. Clark, M. K., K. G. Ostrand, and T. H. Bonner. 2017. Implications of piscine predator control on the federally-listed fountain darter. *Fisheries Management and Ecology* 24:292-297.
74. Craig, C. A., B. M. Littrell, and T. H. Bonner. 2017. Population status and life history attributes of the Texas shiner *Notropis amabilis*. *American Midland Naturalist* 177:277-288.
73. Dautreuil, V. L. E., C. A. Craig, and T. H. Bonner. 2016. Persistence of *Etheostoma parvipinne* (Goldstripe Darter) in a single tributary on the periphery of its range. *Southeastern Naturalist* 15:28-32.
72. Bonner, T. H. 2016. *Pimephales vigilax* (bullhead minnow). *Invasive Species Compendium*, [cabi.org](http://cabi.org).
71. Bonner, T. H. 2016. *Lucania parva* (rainwater killifish). *Invasive Species Compendium*, [cabi.org](http://cabi.org)
70. Cook-Hildreth, C., T. H. Bonner, D. G. Huffman. 2016. Reproductive biology of an exotic suckermouth armored catfish (Loricariidae) in the San Marcos River, Hays Co., Texas, with observations on environmental triggers. *Bioinvasion Records* 5:173-183.
69. Craig, C.A., K. A. Kollaus, K. P. K. Behen, and T.H. Bonner. 2016. Relationships among spring flow, habitats, and fishes within evolutionary refugia of the Edwards Plateau. *Ecosphere* 7:1-13.
68. McDonald, D. L., T. H. Bonner, P. D. Cason, B. W. Bumguardner, and S. Bonnot. 2016. Effects of three cold weather event simulations on early life stages of Southern Flounder (*Paralichthys lethostigma*). *Journal of Applied Aquaculture* 28:26-34.
67. Robertson, S. M, J. N. Fries, and T. H. Bonner. 2016. Effects of habitat utilization on the reproduction of two imperiled, sympatric *Dionda* (Cyprinidae) in the Rio Grande Basin, Texas. *American Midland Naturalists* 175:222-232.
66. Perkin, J. S. and T. H. Bonner. 2016. Historical changes in fish assemblage composition following water quality improvement in the mainstem Trinity River of Texas. *Rivers Research and Application* 32:85-99.
65. Phillips, M. B. and T.H. Bonner. 2015. Occurrence and amount of microplastic ingested by fishes in watersheds of the Gulf of Mexico. *Marine Pollution Bulletin* 100:264-269.
64. Labay, B. J., D. A. Hendrickson, A. E. Cohen, T. H. Bonner, R. S. King, L. Kleinsasser, G. Linam, and K. W. Winemiller. 2015. Can species distribution models aid bioassessment when reference sites are lacking? Tests based on freshwater fishes. *Environmental Management* 56:835-846.

63. Craig, C. A., C. R. Vaughn, D. S. Ruppel, and T. H. Bonner. 2015. Occurrence of Brown Bullhead in Texas. *Southeastern Naturalist* 14:35-37.
62. Diaz, P, J. N. Fries, T. H. Bonner, M. Alexander, W. H. Nowlin. 2015. Mesohabitat associations of the threatened San Marcos salamander (*Eurycea nana*) across its geographic range. *Aquatic Conservation: Marine and Freshwater Ecosystems* 25:307-321.
61. Curtis, S. G., J. S. Perkin, P. T. Bean, M. S. Sullivan, and T. H. Bonner. 2015. Guadalupe bass *Micropterus treculii* (Valliant & Boucourt, 1874). Pages 55-60 in M. D. Tringali, J. M. Long, T. W. Birdsong, and M. S. Allen, editors. Black bass diversity: multidisciplinary science for conservation. American Fisheries Society, Symposium 82, Bethesda, Maryland.
60. Kollaus, K. A., K. P. K. Behen, T. C. Heard, T. B. Hardy, and T. H. Bonner. 2015. Influence of urbanization on a karst terrain stream and fish community. *Urban Ecosystem* 18:293-320.
59. Nichols, H. T. and T. H. Bonner. 2014. First record and habitat associations of *Spongilla cenota* (Class Demospongiae) within streams of the Edwards Plateau. *Southwestern Naturalist* 59: 465-470.
58. Becker, J. C., K. J. Rodibaugh, B. J. Labay, T. H. Bonner, Y. Zhang, and W. H. Nowlin. 2014. Influence of land use and physiographic gradients on nutrients in a Gulf Slope (USA) river system. *Freshwater Science* 33:731-744.
57. Henn, M., H. T. Nichols, Y. Zhang, and T. H. Bonner. 2014. Effect of artificial light on the drift of aquatic insects in urban central Texas streams. *Journal of Freshwater Ecology* 29:307-318. Editor's Choice Article
56. Sullivan, M. L., Y. Zhang, T. H. Bonner. 2014. Carbon and nitrogen ratios of aquatic and terrestrial prey for freshwater fishes. *Journal of Freshwater Ecology* 29:259-266.
55. Bonner, T. H. 2014. Silverband Shiner, *Notropis shumardi* (Girard 1856). Pages 220-221. In *Kansas Fishes Committee. Kansas Fishes. University Press of Kansas, Lawrence.*
54. Bonner, T. H. 2014. River Darter, *Percina shumardi* (Girard 1859). Pages 430-431. In *Kansas Fishes Committee. Kansas Fishes. University Press of Kansas, Lawrence.*
53. Ryan, T. A., A. N. Kohl, D. J. Soucek, T. S. Smith, T. M. Brandt, T. H. Bonner, and D. M. Cropek. 2013. Short term effects of military fog oil on the fountain darter (*Etheostoma fonticola*). *Archives of Environmental Contamination and Toxicology* 65:790-797.
52. Perkin, J. S., Z. R. Shattuck, J. E. Gerken, and T. H. Bonner. 2013. Fragmentation and drought legacy correlated with distribution of Burrhead Chub in subtropical streams of North America. *Transactions of the American Fisheries Society* 142:1287-1298.
51. Sha, Q, M. R. J. Forstner, T. H. Bonner, 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.
50. Dammeyer, N. T., C. T. Phillips, and T. H. Bonner. 2013. Site fidelity and movement of the smallest etheostomine darter with implications for endangered species management. *Transactions of the American Fisheries Society* 142:1049-1057.
49. Sullivan, M. L., Y. Zhang, T. H. Bonner, and J. Tomasso. 2013. Temperature modulation of growth and physiology of juvenile Guadalupe bass. *North American Journal of Aquaculture* 75:373-376.
48. Bean, P. T., D. J. Lutz-Carrillo, and T. H. Bonner. 2013. Range-wide survey of the introgressive status of Guadalupe bass *Micropterus treculii*: implications for conservation and management. *Transactions of the American Fisheries Society* 142:681-689.
47. Bonner, T. H. 2013. Book review: *Fishes of Central US* by J. R. Tomelleri and M. E. Eberle. *Great Plains Research* 23:81.

46. Gaertner, J., D. Brown, M. R. J. Forstner, T. H. Bonner, D. Hahn. 2012. Geographic variation in *Batrachochytrium dendrobatidis* occurrence among populations of *Acris crepitans blanchardi* in Texas, USA. *Herpetological Review* 43:150-159.
45. Sullivan, M. L., Y. Zhang, and T. H. Bonner. 2012. Terrestrial subsidies in the diets of stream fishes of the USA: comparisons among taxa and morphology. *Marine and Freshwater Research* 63:409-414.
44. Perkin, J. S., Z. R. Shattuck, and T. H. Bonner. 2012. Reproductive ecology of a relict ironcolor shiner (*Notropis chalybaeus*) population in the headwaters of the San Marcos River. *American Currents* 37:11–21.
43. Heard, T. C., J. S. Perkin, and T. H. Bonner. 2012. Intra-annual variation in fish communities and habitat associations in a Chihuahua Desert reach of the Rio Grande/Rio Bravo Del Norte. *Western North American Naturalist* 72:1-15.
42. Perkin, J. S., Z. R. Shattuck, and T. H. Bonner. 2012. Life history aspects of a relic ironcolor shiner *Notropis chalybaeus* population in a novel spring environment. *American Midland Naturalist* 167:111-126.
41. Kollaus, K. A., and T. H. Bonner. 2012. Habitat associations of a semi-arid fish community in a karst spring-fed stream. *Journal of Arid Environments* 76:72-79.
40. Fleming, B. P., D. G. Huffman, T. H. Bonner, and T. M. Brandt. 2011. Metacercarial distribution of *Centrocestus formosanus* (Digenea: Heterophyidae) among fish hosts in the Guadalupe River drainage of Texas. *Journal of Aquatic Animal Health* 23:117-124.
39. Bean, P. T., J. T. Jackson, D. J. McHenry, T. H. Bonner, M. R. J. Forstner. 2011. Rediscovery of headwater catfish, *Ictalurus lupus* (Ictaluridae) in a western gulf slope drainage. *Southwestern Naturalist* 56:285-289.
38. Perkin, J. S. and T. H. Bonner. 2011. Long-term changes in flow regime and fish assemblage composition in the Guadalupe and San Marcos rivers of Texas. *Rivers Research and Application* 27:566-579.
37. Pound, K. L., W. H. Nowlin, D. G. Huffman, and T. H. Bonner. 2011. Trophic ecology of a nonnative population of suckermouth catfishes (*Hypostomus plecostomus*) in a central Texas spring-fed stream. *Environmental Biology of Fishes* 90:277-285.
36. Bean, P. T., C. S. Williams, P. H. Diaz, and T. H. Bonner. 2010. Habitat associations, life history, and diet of the blackspot shiner, *Notropis atrocaudalis*. *Southeastern Naturalist* 9:673-686.
35. Smith, A., M. Chumchal, T. H. Bonner, and W. H. Nowlin. 2010. Mercury contamination of the Rio Grande/Rio Bravo Del Norte fish community: spatial variation and influence of environmental gradients. *Environmental Toxicology and Chemistry* 29:1762-1772.
34. Bean, M.G. and T. H. Bonner. 2010. Spatial and temporal distribution of *Bothriocephalus acheilognathi* (Cestoda: Bothriocephalidea) in the Rio Grande (Rio Bravo del Norte). *Journal of Aquatic Animal Health* 22:182-189.
33. Perkin, J. S., Z. R. Shattuck, P. T. Bean, T. H. Bonner, E. Saraeva, and T. B. Hardy. 2010. Movement and microhabitat associations of Guadalupe bass in two Texas rivers. *North American Journal of Fisheries Management* 30:33 – 46.
32. Watson, J. M., C. Sykes, T. H. Bonner. 2009. Gut contents of age-0 Rio Grande silvery minnow *Hybognathus amarus* reared in hatchery ponds. *Southwestern Naturalist* 54:475-479.
31. Bean, M. G., and T. H. Bonner. 2009. Impact of *Bothriocephalus acheilognathi* (Cestoda: Pseudophyllidea) on *Cyprinella lutrensis* condition and reproduction. *Journal of Freshwater Ecology* 24:283-291
30. Perkin, J. S., C. S. Williams, and T. H. Bonner. 2009. Aspects of chub shiner *Notropis potteri* life history with comments on native distribution and conservation status. *American Midland Naturalist* 162:276-288.

29. Bean, P. T., M. G. Bean, and T. H. Bonner. 2009. Threatened fishes of the world: *Moxostoma congestum* (Catostomidae). *Environmental Biology of Fishes* 85:173-174.
28. Leavy, T. R. and T. H. Bonner. 2009. Relationships among swimming ability, current velocity associations, and morphology for freshwater lotic fishes. *North American Journal of Fisheries Management* 29:72-83.
27. Small, M. F., T. H. Bonner, and J. T. Baccus. 2009. Hydrologic alteration of the lower Rio Grande terminus: a quantitative assessment. *River Research and Application* 25:241-252.
26. Bonner, T. H. and P. T. Bean. 2008. Threatened fishes of the world: *Micropterus treculii* (Centrarchidae). *Environmental Biology of Fishes* 83:367-368
25. Gaertner, J., P. E. Wheeler, S. Obafemi, J. Valdez, M. R. J. Forstner, T. H. Bonner, D. Hahn. 2008. Detection of salmonellae from fish in a natural river system. *Journal of Aquatic Animal Health* 20:150-157.
24. Bean, P. T. and T. H. Bonner. 2008. Reproductive ecology and diet of the gray redbreast (Catostomidae) in a Hill Country stream and reservoir. *Journal of Freshwater Ecology* 23:397-404.
23. Bonner, T. H., J. M. Watson, and C. S. Williams. 2008. Threatened fishes of the world: *Cyprinella proserpina* (Cyprinidae). *Environmental Biology of Fishes* 81:365-366.
22. Bean, P. T., T. H. Bonner, and B. M. Littrell. 2007. Spatial and temporal patterns in the fish assemblage of the Blanco River, Texas. *Texas Journal of Science* 59:179-200.
21. Hulbert, J., T. H. Bonner, J. N. Fries, G. P. Garrett, and D. R. Pendergrass. 2007. Early development of *Dionda diaboli* (Cyprinidae). *Southwestern Naturalist* 52:378-385.
20. Littrell, B. M., D. Lutz-Carrillo, T. H. Bonner, and L. T. Fries. 2007. Status of an introgressed Guadalupe bass population in a central Texas stream. *North American Journal of Fisheries Management* 27:785-791.
19. Bean, M. G., A. Škeříková, T. H. Bonner, T. Scholz, and D. Huffman. 2007. First record of *Bothriocephalus acheilognathi* (Cestoda: Pseudophyllidea) in the Rio Grande with comparative ITS2 and V4-18S rDNA sequencing. *Journal of Aquatic Animal Health* 19:71-76.
18. McDonald, D. L., T. H. Bonner, E. L. Oborny, Jr. and T. M. Brandt. 2007. Effects of fluctuating temperatures and gill parasites on reproduction of the fountain darter, *Etheostoma fonticola*. *Journal of Freshwater Ecology* 22:311-318.
17. Williams, L.R., M.G. Williams, J.D. Hudson III, V. Campbell-Arvai, and T. H. Bonner. 2007. Evaluation of a stream system after clearcut logging disturbance in the Gulf coastal plain. *Journal of Freshwater Ecology* 22:119-133.
16. Thomas, C., T. H. Bonner, and B. G. Whiteside. 2007. *Freshwater Fishes of Texas: A Field Guide*. Texas A&M University Press. 216 pp.
15. Williams, C. S. and T. H. Bonner. 2006. Threatened fishes of the world: *Notropis sabinae* (Cyprinidae). *Environmental Biology of Fishes* 80:7-8.
14. Lutz-Carrillo, D. J., C. C. Nice, T. H. Bonner, M. R. J. Forstner, and L. T. Fries. 2006. Admixture analysis of Florida largemouth bass and northern largemouth bass using microsatellite loci. *Transactions of the American Fisheries Society* 135:779-791.
13. McDonald, D. L., T. H. Bonner, T. M. Brandt, and G. H. Trevino. 2006. Size susceptibility to trematode-induced mortality in the endangered fountain darter (*Etheostoma fonticola*). *Journal of Freshwater Ecology* 21:293-299.
12. Williams, C. S. and T. H. Bonner. 2006. Habitat associations, life history, and diet of the Sabine shiner *Notropis sabinae* in an east Texas drainage. *American Midland Naturalist* 155:84-102.

11. Patrikeev, M., T. H. Bonner, and G. M. Trujillo. 2005. Occurrence of the river shiner *Notropis blennius* in Lake Meredith, Texas. *Southwestern Naturalist* 50:488-490.
10. Bonner, T. H. and D. L. McDonald. 2005. Threatened fishes of the world: *Etheostoma fonticola* (Percidae). *Environmental Biology of Fishes* 73:333-334.
9. Williams, L. R., T. H. Bonner, J. D. Hudson, M. G. Williams, T. R. Leavy, and C. S. Williams. 2005. Interactive effects of environmental variability and military training on stream biota of three headwater drainages in Western Louisiana. *Transactions of the American Fisheries Society* 134:192-206.
8. Bonner, T. H., C. Thomas, C. S. Williams, and J. P. Karges. 2005. Temporal assessment of a west Texas stream fish assemblage. *Southwestern Naturalist* 50:74-78.
7. Littrell, B. M., C. Thomas, C. S. Williams, and T. H. Bonner. 2003. Gut contents of the headwater catfish *Ictalurus lupus* from two West Texas streams. *Texas Journal of Science* 55:323-328.
6. Bonner, T. H., and G. R. Wilde. 2002. The effect of turbidity on prey consumption by prairie stream fishes. *Transactions of the American Fisheries Society* 131:1203-1208.
5. Durham, B. W., T. H. Bonner, and G. R. Wilde. 2002. Occurrence of *Lernaea cyprinacea* on Arkansas River shiners and peppered chubs in the Canadian River, New Mexico and Texas. *Southwestern Naturalist* 47:95-98.
4. Wilde, G. R., T. H. Bonner, and P. J. Zwank. 2001. Diets of the Arkansas River shiner and peppered chub in the Canadian River, New Mexico and Texas. *Journal of Freshwater Ecology* 16:403-410.
3. Bonner, T. H., and G. R. Wilde. 2000. Changes in the fish assemblage of the Canadian River, Texas, associated with reservoir construction. *Journal of Freshwater Ecology* 15:189-198.
2. Wilde, G. R., and T. H. Bonner. 2000. First records of the suckermouth minnow *Phenacobius mirabilis* in Canadian River, Texas. *Texas Journal of Science* 52:71-74.
1. Bonner, T. H., T. M. Brandt, J. N. Fries, and B. G. Whiteside. 1998. Temperature effects on egg production and early life stages of the fountain darter. *Transactions of the American Fisheries Society* 127:971-978.

#### ONLINE PUBLICATIONS:

Hassan-Williams, C., C. L. Thomas, and T. H. Bonner. 2008. Identification and information for Texas fishes. (<http://txstate.fishesoftexas.org/>)

#### PROFESSIONAL PRESENTATIONS (last five years)

Pfaff, P.J., D. S. Ruppel, and Bonner, T.H. 2019. Influence of surface geology on aquatic communities of the Colorado River basin of Texas. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (poster presentation).

Sotola, V.A., K. Sullivan, B. Littrell, N.H. Martin, D.S. Stich, and T.H. Bonner. 2019 Effect of Discharge on Mussel Population Dynamics through Mark-Recapture Sampling. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (oral presentation)

Craig, C.A., V.A. Sotola, and T.H. Bonner. 2019. Standardization in Measuring and Reporting Fish Habitat Association Data: Application within Gulf Slope Drainages of Texas and Louisiana. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (oral presentation).

Sotola, A., C.A. Craig, T. H. Bonner, N. Martin. 2019. Identification of Historical Dispersal Patterns of Fishes into and within Gulf Slope Drainages. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (poster presentation)

Rosas, E., A. Fry, P. Pfaff, C.A. Craig, T. H. Bonner. 2019. Assessment of the Sulphur River Basin Fish Communities. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (poster presentation)

Ruppel, David, O. Gurbuz, C.A. Craig, T. H. Bonner. 2019. Application of the 3R (Resiliency, Redundancy, Representation) Concept to a Life History Study of a Species of Greatest Conservation Need, *Notropis Bairdi*. American Fisheries Society & the Wildlife Society Joint Annual Conference, Reno, Nevada (poster presentation)

Maikoetter, J.D., Craig, C.A., Ruppel, D.S., Bonner, T.H. 2019. Responses of aquatic benthic macroinvertebrate communities to a large flow pulse in the Guadalupe, San Antonio and Brazos river basins, Texas. Southern Division American Fisheries Society, Galveston, Texas (Poster Presentation).

Pfaff, P.J., Sotola, V.A., Craig, C.A., Maikoetter, J.D., Martin, N.H., Bonner, T.H. 2019. Effect of preservation on fish morphology over time: implications for morphological studies. Southern Division American Fisheries Society, Galveston, Texas (Poster Presentation).

Pfaff, P.J., Bonner, T.H. 2019. Influence of Surface Geology on Fish Communities of the Colorado River Basin of Texas. Southern Division American Fisheries Society, Galveston, Texas (Oral Presentation).

Rosas, E.L, Fry, A., Pfaff, P.J., Bonner, T.H. 2019. Assessment of the Sulphur River Basin Fish Communities. Southern Division American Fisheries Society, Galveston, Texas (Poster Presentation).

Sotola, V.A., D.S. Ruppel, C.C. Nice, T.H. Bonner, N.H. Martin. 2019. Asymmetric introgression between fishes in the Red River basin of Texas is associated with variation in water quality. Southern Division American Fisheries Society, Galveston, Texas (Oral Presentation).

Ruppel, David S., A. V. Sotola, C. A. Craig, and T. H. Bonner. 2019. Factors influencing migrations of a prairie stream fish: a case study using *Macrhybopsis australis*. Southern Division American Fisheries Society, Galveston, Texas. (oral presentation)

Craig C.A., and T. H. Bonner. 2019. Habitat associations and categorization of inland fishes within Gulf Slope Drainages of Texas and Louisiana. Southern Division American Fisheries Society, Galveston, Texas. (Oral presentation)

Craig, C. A., N. M. Hahn, and T. H. Bonner. 2019. Updated checklist and drainage basin keys for inland fishes of Texas. Southern Division American Fisheries Society, Galveston, Texas. (poster presentation—Best Student Poster Award)

Quevedo, M., D. S. Ruppel, C. A. Craig, T. H. Bonner. 2019. Inter-annual variation in fish communities within spring-fed systems of the Edwards Plateau. Southern Division American Fisheries Society, Galveston, Texas. (poster presentation)

Magnelia, S., G. Linam, R. McGillicuddy, K. Saunders, M. Parker, T. Birdsong, D. Lutz-Carrillo, J. Williamson, R. Ranft, and T. Bonner. 2019. Repatriation of Guadalupe Bass *Micropterus treculii* in the Blanco River, Texas: a case study in the opportunistic use of drought as a fisheries management tool. Southern Division American Fisheries Society, Galveston, Texas. (poster presentation).

Maikoetter J.D., C.A. Craig, T.H. Bonner. 2019. Temperature-mediated feeding between spring-associated and riverine-associated congeners, with implications for community segregation. Texas Conservation Symposium, Georgetown, Texas. (Oral Presentation)

Sotola, V.A., T.H. Bonner, and N.H. Martin. 2018. Genetic analysis reveals complex genetic structuring and historical biogeographical patterns in the *Macrhybopsis* species complex. Southern Division American Fisheries Society, San Juan, Puerto Rico (oral presentation)

Ruppel, D. S. and T. H. Bonner. 2018. Assessment of the Stream Fish Community in the Upper Red River of Texas and Oklahoma. Southern Division American Fisheries Society, San Juan, Puerto Rico (poster presentation)

Pfaff P.J., Bonner T.H. 2018. Influence of surface and near-surface geology on fish assemblages in the Colorado River basin of Texas. Southern Division American Fisheries Society, San Juan, Puerto Rico. (oral presentation)

Bonner, T. H., D. S. Ruppel, C. A. Craig, C. McDonald, D. Pearson, B. M. Littrell, and J. Owen. 2018. Delaware River of Texas: research and partnerships for management of arid aquatic communities in the middle of an oil and gas fracking boom. Southern Division American Fisheries Society, San Juan, Puerto Rico (oral presentation)

Maikoetter J.D, Craig C.A., D.S. Ruppel, T.H. Bonner. 2018. Testing components of the Natural Flow Regime with fish and macroinvertebrate communities. Southern Division American Fisheries Society, San Juan, Puerto Rico (oral presentation)

Craig C.A., J. Cournoyer, T. H. Bonner. 2018. Habitat Associations and Guild Assignments of Inland Fishes within Gulf Slope Drainages of Texas and Louisiana. Southern Division American Fisheries Society – San Juan, Puerto Rico (oral presentation)

Ruppel, D. S. and T. H. Bonner. 2017. Assessment of the Stream Fish Community in the Upper Red River of Texas and Oklahoma. American Fisheries Society-Tampa, FL (oral presentation)

Ruppel, D. S., D. N. Terrell, and T. H. Bonner. 2017. Distribution, Abundance, and Life History of the Prairie Chub. American Fisheries Society-Tampa, FL (poster presentation)

Ruppel, D. S., L. E. Chappell, and T. H. Bonner. 2017. Distribution, Abundance, and Life History of the Plains Killifish. American Fisheries Society-Tampa, FL (poster presentation)

Hahn, N. M, C. A. Craig, and T. H. Bonner. 2017. An analytical approach to fish conservation prioritization. American Fisheries Society Meeting- Tampa (oral presentation)

Maikoetter J.D., C.A. Craig, T.H. Bonner. 2017. Influence of water temperature on feeding performance and competition of spring-associated and riverine-associated fishes. American Fisheries Society-Tampa. (oral presentation)

Craig C.A., J.D. Maikoetter, T.H. Bonner. 2017. Life-history characteristics and diversification within freshwater fishes of North America. American Fisheries Society-Tampa. (poster presentation)

Craig C.A., V.A. Sotola, J.D. Maikoetter, P. Pfaff, T.H. Bonner. 2017. Shared morphologies of spring-associated fishes of the Edwards Plateau. American Fisheries Society-Tampa. (poster presentation)

Craig, C.A., V.A. Sotola, J. Maikoetter, P. Pfaff, and T.H. Bonner. 2017. Shared morphologies of spring-associated fishes of the Edwards Plateau. American Fisheries Society-Tampa. (poster presentation)

Sotola, V.A., D. Ruppel, T.H. Bonner, and N. Martin. 2017. Assessment of genetic structuring, morphological variation, and hybridization between the Prairie Chub and Shoal Chub. American Fisheries Society-Tampa (oral presentation)

Ruppel, D. S. and T. H. Bonner. 2017. Distribution, abundance, and life history of the Prairie Chub. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (oral presentation)

Maikoetter, J. D., C. A. Craig, and T. H. Bonner. 2017. Influence of water temperature on feeding competition of spring associated and riverine-associated fishes of the Edwards Plateau. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (oral presentation)

Hahn, N. M., C. A. Craig, and T. H. Bonner. 2017. Rapid quantitative assessment to identify imperiled fishes. Texas Chapter of the American Fisheries Society-Corpus Christi TX (oral presentation)

Sotola, V.A., D.S. Ruppel, T.H. Bonner, and N.H. Martin. 2017. Morphometrics as a descriptor of potential hybridization between prairie chub (*Macrhybopsis australis*) and shoal chub (*M. hyostoma*). Texas Chapter of the American Fisheries Society- Corpus Christi, TX (oral presentation)



- Craig, C. A and T. H. Bonner. 2017. Fish assemblage structure and associations on a spring flow gradient within the upper Nueces drainage basin. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (oral presentation)
- Craig, C. A., D. S. Ruppel, and T. H. Bonner. 2017. An assessment of fish vulnerability to climate change. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (poster presentation)
- Sotola, V.A., C.A. Craig, and T.H. Bonner. 2017. Shared morphologies of spring-associated fishes of the Edwards Plateau. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (poster presentation)
- Craig C. A., N. M. Hahn, and T. H. Bonner. 2017. Drainage basin keys for inland fishes of Texas. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (poster presentation)
- Beckman, A. M., C. A. Craig, D. S. Ruppel, and T. H. Bonner. 2017. Validation of environmental flow standards. Texas Chapter of the American Fisheries Society- Corpus Christi, TX (poster presentation)
- Ruppel, D. S., B. Littrell, and T. H. Bonner. 2016. Validation of environmental flow regimes in the Brazos, Guadalupe, and San Antonio rivers. American Fisheries Society-Kansas City MO (oral presentation)
- Craig, C. A. and T. H. Bonner. 2016. Relationship between base flow and fish communities within karst spring complexes. American Fisheries Society-Kansas City MO (oral presentation)
- Craig, C. A., D. S. Ruppel, and T. H. Bonner. 2016. An assessment of fish vulnerability to climate change. American Fisheries Society-Kansas City MO (poster presentation)
- Craig, C. A., B. M. Littrell, and T. H. Bonner. 2016. Population status and life history attributes of the Texas Shiner *Notropis amabilis*. Texas Chapter of the American Fisheries Society-Kerrville (poster presentation)
- Craig, C. A., C. M. Scanes, J. D. Maikoetter, and T. H. Bonner. 2016. Life-history characteristics and diversification within freshwater fishes of North America. Texas Chapter of the American Fisheries Society-Kerrville (poster presentation)
- Scanes, C. M, D. S. Ruppel, B. Littrell, and T. H. Bonner. 2016. Fish community and habitat assessments within an urbanized spring-fed stream of the Edwards Plateau. Texas Chapter of the American Fisheries Society-Kerrville (oral presentation)
- Craig, C. A. and T. H. Bonner. 2016. Impacts of urbanization on spring fish communities. Texas Chapter of the American Fisheries Society-Kerrville (oral presentation)
- Ruppel, D. S., B. Littrell, and T. H. Bonner. 2016. Validation of environmental flow regimes in the Brazos, Guadalupe, and San Antonio rivers. Texas Chapter of the American Fisheries Society-Kerrville (oral presentation)
- Phillips, M. B. and T. H. Bonner. 2015. The occurrence and amount of microplastics ingested by fishes in watersheds of the Gulf of Mexico. American Fisheries Society-Portland OR (oral presentation)
- Nichols, H., K. Ostrand, and T. Bonner. 2015. Discharge and habitat mediated effects on Fountain Darter reproduction. American Fisheries Society-Portland OR (oral presentation)
- Ruppel, D, E. Cowles, B. Littrell, and T. H. Bonner. 2015. Validation of environmental flow regimes in Brazos, Guadalupe, and San Antonio rivers. American Fisheries Society-Portland OR (oral presentation)
- Clark, M. K. and T. H. Bonner. 2015. Effects of predation on Fountain Darters under low flow conditions. American Fisheries Society-Portland OR (oral presentation)
- Ruppel, D., C. Vaughn, H. Nichols, and T. Bonner. 2015. Validation of an instream flow recommendation using larval fish diets. American Fisheries Society-Portland OR (oral presentation)
- Scanes, C., Ruppel, B. Littrell, and T. Bonner. 2015. Fish community and habitat assessments within an urbanized spring-fed stream of the Edwards Plateau. American Fisheries Society-Portland OR (poster presentation)

- Craig, C.A., K. A. Kollaus, K. P. K. Behen, and T.H. Bonner. 2015. Relationships among spring flow, habitats, and fishes within evolutionary refugia of the Edwards Plateau. American Fisheries Society-Portland OR (oral presentation)
- McDonald, D. L., T. H. Bonner, P. D. Cason, B. W. Bumguardner, and S. Bonnot. 2015. Cold weather simulation on hatchery propagated premetamorphic larvae and postmetamorphic juvenile Southern Flounder. American Fisheries Society-Portland OR (oral presentation)
- Scanes, C. M., D. Ruppel, B. Littrell, and T. H. Bonner. 2015. Fish community and habitat assessments within an urbanized spring-fed stream. Southwestern Association of Naturalists. San Diego, CA (poster presentation)
- Cowles, E. S., D. S. Ruppel, B. Littrell, and T. H. Bonner. 2015. Validation of environmental flow regimes in Brazos, Guadalupe, and San Antonio rivers. Southwestern Association of Naturalists. San Diego, CA (poster presentation)
- Clark, M. K. and T. H. Bonner. 2015. Effects of predation on Fountain Darters under low flow conditions. Southwestern Association of Naturalists. San Diego, CA (oral presentation)
- Craig C., T.H. Bonner, K. Kollaus, K Behen. 2015. Relationship Between Spring Flow and Spring Fish Communities. Southwestern Association of Naturalists. San Diego, California. (Oral presentation)
- Ruppel, D., C. Vaughn, H. Nichols, and T. Bonner. 2015. Validation of an instream flow recommendation using larval fish diets. Southwestern Association of Naturalists. San Diego, California. (Oral presentation)
- Craig C., T.H. Bonner. 2015. Impacts of Urbanization on Spring Fish Communities. Southwestern Association of Naturalists. San Diego, California. (Oral presentation)
- Phillips, M. B. and T. H. Bonner. 2015. The occurrence and amount of microplastics ingested by fishes in watersheds of the Gulf of Mexico. Southwestern Association of Naturalists. San Diego, CA (oral presentation)
- Nichols, H., K. Ostrand, and T. Bonner. 2015. Discharge and habitat mediated effects on Fountain Darter reproduction. Southwestern Association of Naturalists. San Diego, California. (Oral presentation)

#### **STUDENT SUPERVISION (Major advisor):**

43. **Peter Pfaff** (BS Concordia University). 2019. Influence of surface and near-surface geology on fish assemblages in the Colorado River basin of Texas.  
- current position: PhD student, Kansas State University
42. **Dave Ruppel** (BS Northern Michigan University, MS Texas State University). 2019. Factors influencing community structure of riverine organisms: implications for imperiled species management.  
-current position: Post doc, Upper Iowa University.
41. **Jeremy Maikoetter** (BS Texas State University). 2018. Responses of Aquatic Benthic Macroinvertebrate Communities to a Large Flow Pulse in the Guadalupe, San Antonio and Brazos River Basins, Texas.  
- current position: Biologist, ZARA Environmental, Austin, Texas.
40. **Nicky Hahn**. (BS Louisiana Tech University). 2017. Rapid quantitative assessment to assist in identification of imperiled fishes. M.S. Thesis.  
-current position: PhD student, Mississippi State University.
39. **Cory M. Scanes**. (BS Texas State University). 2016. Fish community and habitat assessments within an urbanized spring complex of the Edwards Plateau. M.S. Thesis.  
- current position: fish biologist, Brazos River Authority.
38. **Harlan T. Nichols** (BS Texas State University). 2015. Spring flow and habitat-mediated effects on reproductive effort of the Fountain Darter. M. S. Thesis.

-positions: Fish Biologist, Pond King, now self-employed

37. **Myranda K. Clark** (BS Missouri State University). 2015. Testing of trophic cascade within a headwater spring community: implications for water quantity management. M. S. Thesis.  
- current position: Fish Biologist, Florida Fish and Wildlife Conservation Commission, Cedar Keys.
36. **Cody A. Craig** (BS Texas Tech University). 2014. Relationship between base flow magnitude and spring fish communities. M. S. Thesis  
- current position: Ph.D. – Aquatic Resources Program, Texas State University
35. **Melissa B. Phillips** (BA University of Leeds). 2014. Occurrence and amount of microplastics ingested by fishes in watersheds of the Gulf of Mexico. M. S. Thesis  
- current position: organic farmer, New York
34. **Christopher R. Vaughn** (BS Texas A&M University). 2014. Validating environmental flow recommendations: drifting coarse particulate matter, macroinvertebrates, and larval fishes. M. S. Thesis.  
- current position: Aquatic Biologist. San Antonio River Authority.
33. **David S. Ruppel** (BS Northern Michigan University). 2014. Flow and current velocity mediated diets of larval fishes. M. S. Thesis.  
- positions: Ph.D. – Aquatic Resources Program, Texas State University, post doc, Upper Iowa University
32. **Virginia E. Dautreuil** (BS Virginia Tech University). 2013. Conceptual framework to assess the effects of wildfire on aquatic systems of the semi- arid and arid regions of the western gulf slope drainages. M. S. Thesis.  
- current position: Natural Resources Analyst, Massachusetts Department of Conservation and Recreation
31. **Kenneth P. K. Behen** (BS University of Washington). 2013. Influence of connectivity and habitat on fishes of the upper San Marcos River. M.S. Thesis.  
- current position: Fisheries Biologist, Washington Department of Fish and Wildlife
30. **Monika J. Henn** (BS University of Virginia). 2013. Effects of artificial light on the drift of macroinvertebrates in urban central Texas streams. M.S. Thesis (Co-advisor with Dr. Y. Zhang).  
- current position: Analyst. Urban Land Institute, Greenprint Center for Building Performance. New York.
29. **Mario L. Sullivan** (BS Colorado State, MS Western Kentucky State). 2013. The role of terrestrial subsidies in fish communities with a particular focus upon cyprinids. Ph.D. Dissertation (Co-advisor with Dr. Y. Zhang).  
- current position: Faculty, Colorado Northwestern Community College
28. **Preston T. Bean** (BS Texas Tech University; MS Texas State University). 2012. Introgressive status, population genetic structure, phylogeographic history and individual-level resource specialization of the Guadalupe bass *Micropterus treculii*. Ph.D. Dissertation.  
- current position: Research Biologist, Texas Parks and Wildlife
27. **Robert J. Maxwell** (BS Texas State University). 2012. Patterns of endemism and species richness of fishes of the western gulf slope. M.S. Thesis.  
- current position: Fisheries Biologist, Louisiana Department of Wildlife and Fisheries
26. **Stephen Curtis** (BS Texas A&M University). 2012. Effects of dry baseflow conditions in a declining hydrograph on instream habitats and fish communities in a semi-arid karstic stream. M.S. Thesis.  
- current position: Fisheries Biologist, Texas Parks and Wildlife-Inland Fisheries, San Marcos
25. **Sarah McMillan** (BS Texas State University). 2011. Reproductive and feeding ecology of two sympatric *Dionda* (Cyprinidae) in the Rio Grande basin, Texas. M.S. Thesis.  
- current position: Fisheries Biologist, Texas Parks and Wildlife-Inland Fisheries, San Marcos
24. **Tom Ryan** (BS Texas A&M University). 2011. Short term effects of military fog oil on fish. M.S. Thesis  
- positions: River Systems Institute, Texas State University and USFWS-San Marcos Aquatic Research Center, current position unknown.

23. **Casey S. Williams** (BS Northwestern State University; MS Texas State University). 2011. Life history characteristics and larval drift patterns of obligate riverine species in the Lower Brazos River, Texas. Ph.D. Dissertation.  
- current position: Associate Professor, Valley City State University, North Dakota
22. **Nathan Dammeyer** (BS Purdue University). 2010. Movement patterns of *Etheostoma fonticola* in a headwater stream. M.S. Thesis  
- current position: National Park Service, Virginia
21. **Benjamin Labay** (BS University of Texas). 2010. The influence of land use, zoogeographic history, and physical habitat on fish community diversity in the lower Brazos watershed. M.S. Thesis  
- positions: UT Memorial Museum Ichthyology Collection, consultant
20. **Zachary Shattuck** (BS Colorado State University). 2010. Spatiotemporal patterns of fish and aquatic insects in an urbanized watershed of Central Texas. M.S. Thesis  
- current position: Native Species Coordinator; Montana Fish, Wildlife, and Parks.
19. **Clara Folb** (BS Ohio State University). 2010. Reproductive seasons and life histories of three Texas *Percina* (Actinopterygii). M.S. Thesis  
- current position: Pursuing health services specialty degree.
18. **Kristy Kolla** (BS Texas State University). 2009. Fish assemblage structure and habitat associations in a Texas spring-fed river. M.S. Thesis  
- current position: Aquatic Scientist, Edwards Aquifer Authority
17. **Josh Perkin** (BS Texas State University). 2009. Historical composition and long-term trends of fish assemblages in two Texas rivers and microhabitat associations and movement of Guadalupe bass *Micropterus treculii* in the Pedernales and South Llano rivers. M.S. Thesis.  
- position: Assistant Professor, Texas A&M University
16. **Tom Heard** (BS Texas State University). 2008. Spatial and temporal patterns in a Chihuahua Desert fish assemblage. M.S. Thesis.  
- current position: Fisheries Biologist, Meadows Center, Texas State University
15. **Megan Bean** (BS Texas State University). 2008. Occurrence and impact of the giant Asian tapeworm in the Rio Grande drainage. M. S. Thesis  
- current position: Texas Parks and Wildlife-Inland Fisheries, Mountain Home
14. **Katrina Cohen** (BS University of Texas). 2008. Gut content and stable isotope analysis of exotic suckermouth catfishes (*Hypostomus*) in the San Marcos River, Texas: A concern for spring endemics? M. S. Thesis  
- Position: Ph.D., University of Texas-Arlington
13. **Becca Marfurt Fordham** (BS Southwestern University). 2008. Habitat associations of macroinvertebrates in the Big Bend Reach of the Rio Grande. M. S. Thesis  
- Current position: Oklahoma Department of Environmental Quality
12. **Dennis Runyan** (BS Texas A&M University). 2007. Fish assemblage changes in Gulf Slope drainages; an historical perspective. M. S. Thesis  
- Current position: Fish Biologist, Alan Plummer Associates, Austin.
11. **Rex Tyrone** (BS University of Washington-Wilmington). 2007. Effects of upland timber harvest and road construction on headwater stream fish assemblages in a southeastern forest. M. S. Thesis  
- Positions: Fish Biologist, US Geological Survey, Washington.
10. **Preston Bean** (BS Texas Tech University). 2007. Spatial and temporal patterns in the fish assemblage of the Blanco River, Texas and reproductive ecology and diet of the gray redhorse. M. S. Thesis.  
- Current position. Research Biologist, Texas Parks and Wildlife.

9. **Dave Pendergrass** (BA Covenant College). 2006. Macroinvertebrate assemblage in the Blanco River basin. M. S. Thesis.

- Current position: Research Scientist, Texas Institute for Applied Environmental Research; Tarleton State University.

8. **Jackie Watson** (BS Texas State University). 2006. Patterns and habitat associations of a desert spring fish assemblage and responses to a large-scale flood. M. S. Thesis

- Current position: Fish Biologist, Utah Division of Wildlife Resources, Provo.

7. **Brad Littrell** (BS Texas State University). 2006. Can invasiveness of native cyprinids be predicted from life history traits? and Status of an introgressed Guadalupe bass population in a central Texas stream. M.S. Thesis.

- Current position: Fisheries Biologist, Bio-West, Inc., Austin, Texas

6. **Julie Hulbert** (BS Trinity University). 2005. Morphology, meristic counts, and melanophore description for *Dionda diaboli* (Cyprinidae) during development. M.S. Thesis.

- Position: Director, Education Center, City of San Marcos. Currently in the health care profession.

5. **Tracy R. Leavy** (BS Long Island University). 2004. Relationships among swimming ability, habitat use, and morphology of freshwater fishes in Texas and Louisiana. M.S. Thesis.

- Position: Fish and habitat biologist, US Fish and Wildlife Service, Washington State. Currently in the health care profession.

4. **Dijar Lutz-Carrillo** (BS University of Texas). 2004. The use of microsatellite DNA to identify largemouth bass subspecies. M.S. Thesis, Co-advisor with C. Nice.

- Current position: Geneticist, Texas Parks and Wildlife Department, San Marcos

3. **Dusty McDonald** (BS Schreiner College). 2003. Effects of fluctuating temperatures on egg production of the endangered fountain darter. M.S. Thesis.

- Current position: Fisheries Biologist, Texas Parks and Wildlife Department, Perry R. Bass Marine Fisheries Research Station, Palacios

2. **Casey S. Williams** (BS Northwestern State University). 2003. Cyprinid assemblage structure along physical, longitudinal, and seasonal gradients and life history and reproductive ecology of the sabine shiner. M.S. Thesis.

- Current position: Assistant Professor, Valley City State University, North Dakota

1. **Chad Thomas** (BS Texas State University). 2001. Effects of smallmouth bass on habitat associations of selected prey species of the Devils River (TX). M.S. Thesis.

- Current position: Risk Management; Texas State University

#### **In progress:**

- Cody Craig (BS Texas Tech, MS Texas State U.) Descriptions, classifications, and explanations of processes and patterns structuring and maintaining inland fish communities

- Christa Edwards (BS, University of Tampa): TBD

- Marisa Quevedo (BS, UT-Tyler) Fishes of the San Marcos and Comal rivers

- Vaclav Sotola (BS, Plattsburgh State U., MS Eastern Illinois U.), co-advised with N. Martin. Assessing threatened and endemic aquatic species' population dynamics using genetics and mark-recapture analyses

- Sabrina Thiels (BS, Northwestern State University of Louisiana): TBD

#### **COURSES TAUGHT (2001 – current):**

Zoology (BIO 2411) Spring semester.

Ichthyology (BIO 4415/5415) Summer I and Fall.

Fisheries Management Seminar (BIO 7102) Spring in even years.

Multivariate Statistics Seminar (BIO 7102) Spring in odd years

#### **HONORS/AWARDS/SERVICE (2002 – 2015):**

Reviewer: Journal of Fish Biology, Comparative Parasitology, Aquatic Ecology, BioScience, Biological Invasions, Fisheries, Canadian Journal of Fisheries and Aquatic Sciences, Environmental Biology of Fishes, Fishery Bulletin, Southeastern Naturalist, North American Journal of Fisheries Management, Transactions of the American Fisheries Society, Ecology of Freshwater Fishes, American Midland Naturalist, Southwestern Naturalist, North American Journal of Aquaculture, Hydrobiologia, Copeia, Texas Journal of Science, Lakes and Reservoirs, Desert Fishes Council Symposium, Southeastern Fish and Wildlife Agencies, Journal of the Arkansas Academy of Science, Great Plains Research, USFWS Species Status Assessments, Freshwater Science

Outstanding Fisheries Worker of 2017 in Fisheries Research. Texas Chapter of the American Fisheries Society

Favorite Professor. 2002, 2014, 2015 Texas State University. Alpha Chi National Honor Scholarship Society

Advisor: TxState Aquatic Biology Society (2006 – current)

Organizer and weighmaster: Port Mansfield Chamber of Commerce Fishing Tournament (2003 – current).  
Tournament to generate college scholarships for Port Mansfield and area students.

Advisor: TxState BassCats--Tournament Fishing club (2009 – current)

Inland Fisheries Advisory Board. Texas Parks and Wildlife (2009 – 2014)

Brazos River Bays Basin Expert Science Team (2011 – 2012)

Guadalupe River Bays Basin Expert Science Team (2010 – 2011)

Chair, Awards Committee, Southern Division of the American Fisheries Society (2008- 2013)

Editorial Committee. Southeastern Fish and Wildlife Agencies (2008)

President. Texas Chapter of the American Fisheries Society (2008)

Presidential Award for Scholarly Activity. Texas State University (2007)

Texas State University Foundations of Excellence Award (2006)

Board of Directors, San Marcos River Foundation (2004 - 2006)

Co-Chair, Program Committee. 2006 Southern Division of the American Fisheries Society meeting

Editorial Committee Chair. Texas Chapter of the American Fisheries Society (2002 – 2005)

Outstanding Fisheries Worker of 2004 in Education. Texas Chapter of the American Fisheries Society