

CURRICULUM VITA
Christopher L. Higgins, Ph.D.

CONTACT INFORMATION

Department of Biological Sciences
Tarleton State University
Stephenville, Texas 76402-0100
Phone: (254) 968-9019
Email: higgins@tarleton.edu

EDUCATION

- Ph.D., Biology, Texas Tech University (2005)
- Dissertation: *Functional groups in stream fishes: spatiotemporal variation, predictability, and patterns of diversity*
 - Advisor: Dr. Richard E. Strauss
- M.S., Biology, Texas Tech University (2001)
- Thesis: *Discrimination of foraging paths produced by different search tactics*
 - Advisor: Dr. Richard E. Strauss
- B.S., Biology, Angelo State University (1999)
- Research: *Home range of the nine-banded armadillo, Dasypus novemcinctus, in the Concho Valley of Texas*
 - Advisor: Dr. Robert C. Dowler

PROFESSIONAL EMPLOYMENT

- Tarleton State University
- Associate Professor (2012 - present)
 - Assistant Professor (2005 - 2012)
- South Plains College
- Instructor of Zoology (2004 - 2005)
- Texas Tech University
- Teaching Assistant (2000 – 2005)
 - Instructor (Summer 2002, Summer 2003)
 - Research Assistant (2001, 2004, 2005)
- Angelo State University
- Peer Tutor (1999)

ACADEMIC AWARDS AND PROFESSIONAL HONORS

- 2013 – Recipient of the Faculty Excellence in Scholarship Award for the College of Science and Technology at Tarleton State University
- This award was based on peer evaluations and is given to faculty members who have exemplary performance in scholarship

2012 – Recipient of the Texas A&M University System Student Recognition Award for Teaching Excellence

- This award was based on student evaluations and designed to reward those educators who go above and beyond in their classroom

2007- Selected to be a faculty mentor for Tarleton's Faculty Partner Program

- The overall goal of this program is to encourage meaningful partnerships with students to assist in successful student transition and persistence to graduate.

2003- Selected to be a graduate mentor for a McNair scholar

- The McNair Program is designed to prepare first-generation students for doctoral studies through involvement in research and other scholarly activities.

2003- Selected to be a Teaching Effectiveness And Career eHancement (TEACH) fellow

- The TEACH program assists graduate students in further developing their teaching skills and exploring faculty roles in academia.

2002- Inducted into The Honor Society of Phi Kappa Phi

- The Honor Society of Phi Kappa Phi is a 104-year-old organization whose mission is to recognize and promote academic excellence in all fields of higher education.

TEACHING EXPERIENCE (TARLETON STATE UNIVERSITY)

Ecology (BIOL 401)

- Fall 2010 - present

Ecology and Evolution (BIOL 353 - writing intensive course)

- Fall 2008 - present

General Biology I (BIOL 120)

- Fall 2005 - Summer 2010

General Biology II (BIOL 121)

- Spring 2006 – Spring 2011

Ichthyology (BIOL 462)

- Spring 2006 - present

Measuring Biological Diversity (BIOL 590)

- Spring 2012 - present

Research Design and Analysis (BIOL 598)

- Fall 2005 – present

TEACHING EXPERIENCE (SOUTH PLAINS COLLEGE)

General Zoology (BIOL 1204, lecture)

- Fall 2004 – Spring 2005

General Zoology (BIOL 1204, lab)

- Fall 2004 – Spring 2005

TEACHING EXPERIENCE (TEXAS TECH UNIVERSITY)

Environmental Problems (BIOL 1113, lab)

- Spring 2003 – Fall 2004

Biology of Animals (BIOL 1402, lecture)

- Summer 2002 – Summer 2003

Biology of Animals (BIOL 1402, lab)

- Spring 2001 – Summer 2003

Human Anatomy (ZOOL 2403, lab)

- Summer 2001

Comparative Invertebrate Zoology (ZOOL 3406, lab)

- Spring 2003 – Spring 2005

Introduction to Ichthyology (ZOOL 4410, lab)

- Spring 2004 – Spring 2005

REFEREED ARTICLES (STUDENT AUTHORS ARE UNDERLINED)

Lopez-Gonzalez, C., S.J. Presley, A. Lozano, R.D. Stevens, and C.L. Higgins. 2014. Ecological biogeography of Mexican bats: the relative contribution of habitat heterogeneity, beta diversity, and environmental gradients to species richness patterns. *Ecography* – Online Early DOI: 10.1111/ecog.00813

De la Sancha, N.U., C.L. Higgins, S.J. Presley, and R.E. Strauss. 2014. Understanding the relative contribution of historical biogeography and human-induced deforestation on metacommunity structure of Atlantic Forest small mammals. *Diversity and Distributions* - Online Early DOI: 10.1111/ddi.12210

Lange, J.R., R.M. Harp, J.M. Cadle, R.S. Tarpley, C.L. Higgins, and B.D. Lambert. 2014. Lunar influence on post-castration performance of baby piglets. *The Texas Journal of Agriculture and Natural Resources* 27:1-12.

Erős, T., P. Takács, P. Sály, C.L. Higgins, P. Bíró, and D. Schmera. 2014. Quantifying temporal variability in the metacommunity structure of stream fishes: the influence of non-native species and environmental drivers. *Hydrobiologia* 722:31-43.

Munz, J.T. and C.L. Higgins. 2013. The influence of discharge, photoperiod, and temperature on the reproductive ecology of cyprinids in the Paluxy River, Texas. *Aquatic Ecology* 47:67-74.

Lopez-Gonzalez, C., S.J. Presley, A. Lozano, R.D. Stevens, and C.L. Higgins. 2012. Metacommunity structure of Mexican bats: a test of metacommunity paradigms in an area of high geographic and environmental complexity. *Journal of Biogeography* 39:

177-192.

- Willig, M.R., S.J. Presley, C.P. Bloch, I. Castro-Arellano, L. Cisneros, C.L. Higgins, and B.T. Klingbeil. 2011. Tropical metacommunities and elevational gradients: disentangling effects of forest type from other elevational factors. *Oikos* 120: 1497-1508.
- Presley, S.J., M.R. Willig, C.P. Bloch, I. Castro-Arellano, C.L. Higgins, and B.T. Klingbeil. 2011. A complex metacommunity structure for gastropods along an elevational gradient: axes of specialization and environmental variation. *Biotropica* 43:480-488.
- Presley, S.J., C.L. Higgins, and M.R. Willig. 2010. Toward a comprehensive framework for the evaluation of metacommunity structure. *Oikos* 119: 908-917.
- Higgins, C.L. 2010. Patterns of functional and taxonomic organization of stream fishes: inferences based on α , β , and γ diversities. *Ecography* 33:678-687.
- Higgins, C.L. 2009. Spatiotemporal variation in functional and taxonomic organization of stream-fish assemblages in central Texas. *Aquatic Ecology* 43: 1133-1141.
- Presley, S.J., C.L. Higgins, C. Lopez-Gonzalez, and R.D. Stevens. 2009. Elements of metacommunity structure of Paraguayan bats: multiple gradients require analysis of multiple axes. *Oecologia* 160: 781-793.
- Higgins, C.L. and R.E. Strauss. 2008. Modeling stream-fish assemblages with niche apportionment models: patterns, processes, and scale dependence. *Transactions of the American Fisheries Society* 137: 696-706.
- Willig, M.R., C.P. Bloch, N. Brokaw, C.L. Higgins, J. Thompson, and C.R. Zimmermann. 2007. Cross-scale responses of biodiversity to hurricane and anthropogenic disturbance in a tropical forest. *Ecosystems* 10: 824-838.
- Bloch, C.P., C.L. Higgins, and M.R. Willig. 2007. Effects of large-scale disturbance on community structure: temporal trends in nestedness. *Oikos* 116: 395-406.
- Higgins, C.L., M.R. Willig, and R.E. Strauss. 2006. The role of stochastic processes in producing nested patterns of species distributions. *Oikos* 114: 159-167.
- Chizinski, C.J., C.L. Higgins, C.E. Shavlik, K.L. Pope. 2006. Multiple hypotheses testing of fish incidence patterns in an urbanized ecosystem. *Aquatic Ecology* 40: 97-109.
- Higgins, C.L., and G.R. Wilde. 2005. The role of salinity in structuring fish assemblages in a prairie stream system. *Hydrobiologia* 549: 197-203.
- Smith, C.D., C.L. Higgins, G.R. Wilde, and R.E. Strauss. 2005. Development of a morphological index of the nutritional status of juvenile largemouth bass. *Transactions of the American Fisheries Society* 134: 120-125.
- Higgins, C.L. and R.E. Strauss. 2004. Discrimination and classification of search paths produced by different search-tactic models. *Behavioral Ecology* 15: 248-254.

MANUSCRIPTS IN REVIEW (STUDENT AUTHORS ARE UNDERLINED)

Price, C.J., C.L. Higgins, K.K. Herrmann, and D.H. Kattes. [in review]. Spatiotemporal variation in the distribution of spinose ear ticks (*Otobius megnini*) within animal shelters at Fossil Rim Wildlife Center. *The Southwestern Naturalist*.

Higgins, C.L., A.R. Love, W.W. Wiegrefe, and R.S. Pfau. [in review]. Lack of hybridization between red and blacktail shiner (*Cyprinella lutrensis* and *C. venusta*) in two Texas rivers, but evidence of introgression among three lineages of the *C. lutrensis* species group. *Copeia*

MANUSCRIPTS IN PREP (STUDENT AUTHORS ARE UNDERLINED)

Bloch, C.P., C.L. Higgins, and M.R. Willig. [in prep]. Temporal dynamics in hierarchical partitioning of gastropod diversity during recovery from large-scale disturbances. *Ecology*

PUBLISHED ABSTRACTS

Higgins, C.L., P.J. Butler, and R.E. Strauss. 2000. Discrimination of foraging paths produced by different search models. *American Zoologist* 40: 1055-1056.

INVITED SEMINARS AND WORKSHOPS

Higgins, C.L. 2014. Major scientific discoveries and their incorporation into the mainstream with a special emphasis on evolution. Tarleton State University. Stephenville, TX

Higgins, C.L. 2009. The effects of hurricanes on biodiversity in the Caribbean National Forest, Puerto Rico. Texas Bioscience Institute. Temple, TX

Higgins, C.L. 2006. Incorporating Research Experiences into the Curriculum. Tarleton State University. Stephenville, TX

INVITED SYMPOSIA

Higgins, C.L., R.E. Strauss, and G.R. Wilde. 2004. I survived and was released: my journey back home. Symposium titled "I Survived: A Fish's-Eye View in Black Bass Fishing Competitions." American Fisheries Society. Madison, WI

PRESENTATIONS (STUDENT AUTHORS ARE UNDERLINED)

Price, C.J., J.L. Glass, C.N. Niebuhr, D.H. Kattes, K.K. Herrmann, T.W. Schwertner, and C.L. Higgins. 2013. Spatio-temporal dynamics of spinose ear ticks (*Otobius megnini*) at Fossil Rim Wildlife Center. 4th International Scientific Symposium for PhD Students and Students of Agricultural Colleges. Bydgoszcz, Poland

- Kutovoy, G. and C.L. Higgins. 2013. Experimental studies of shoaling behavior in red shiner (*Cyprinella lutrensis*) and blacktail shiner (*C. venusta*). Texas BioScience Institute – part of NSF-STEP Grant “*The Central Texas 2-STEP.*” Temple, TX
- Price, C.J., C.L. Higgins, D.H. Kattes, K.K. Herrmann, and T.W. Schwertner. 2013. Population dynamics of spinose ear ticks (*Otobius megnini*) within animal shelters. 60th Annual Meeting of the Southwestern Association of Naturalists. Lake Charles, LA
- Wiegrefe, W., A.R. Love, C.L. Higgins, and R.S. Pfau. 2013. Lack of mitochondrial DNA introgression between red and blacktail shiners (Genus *Cyprinella*) in two Texas River. 60th Annual Meeting of the Southwestern Association of Naturalists. Lake Charles, LA
- Price, C.J., D.H. Kattes, C.L. Higgins, K. Herrmann, and T.W. Schwertner. 2013. Spatial and temporal variation in distribution and abundance of spinose ear ticks (*Otobius megnini*) within animal shelters at Fossil Rim Wildlife Center. Entomological Society of America – Southwestern Branch. Las Cruces, NM
- Wiegrefe, W. A. Love, C.L. Higgins, and R.S. Pfau. 2012. Lack of introgressive hybridization between red shiners and blacktail shiners in the Bosque and Paluxy Rivers. Tarleton State University Research Symposium. Stephenville, TX
- Price, C., D. Kattes, and C.L. Higgins. 2012. Spatial and temporal variation in distribution and abundance of spinose ear ticks (*Otobius megnini*) within animal shelters at Fossil Rim Wildlife Center. Tarleton State University Research Symposium. Stephenville, TX
- Love, A., C.L. Higgins, and R. Pfau. 2011. Hybridization between red shiner and blacktail shiner in the Paluxy River and Bosque River. Tarleton State University Research Symposium. Stephenville, TX
- Taylor, J., A.R. Love, and C.L. Higgins. 2011. Hybridization that produces morphological differences in minnows of the Paluxy and Bosque Rivers. Tarleton State University Research Symposium. Stephenville, TX
- DeGarmo, S. and C.L. Higgins. 2011. Patterns of species richness in freshwater fishes across North America. Tarleton State University Research Symposium. Stephenville, TX
- Munz, J.Y. and C.L. Higgins. 2011. Reproductive ecology of cyprinids in the Paluxy River. Southwestern Association of Naturalist. Tyler, TX
- Munz, J.Y. and C.L. Higgins. 2010. Reproductive ecology of the mimic shiner. Tarleton State University Student Research Symposium. Stephenville, TX
- Stone, K. and C.L. Higgins. 2010. Spatial and temporal variation in fish-assemblage structure along the Paluxy River. Tarleton State University Student Research Symposium. Stephenville, TX
- Munz, J.Y. and C.L. Higgins. 2009. Comparative analysis of biotic integrity between the Bosque and Paluxy. Tarleton State University Student Research Symposium. Stephenville, TX

- Blalack, E.A. and C.L. Higgins. 2009. Partitioning biodiversity of stream-fish assemblages in central Texas. Tarleton State University Student Research Symposium Stephenville, TX
- Bloch, C.P., C.L. Higgins, and M.R. Willig. 2009. Long-term trends in spatial partitioning of biodiversity: considerations of disturbance and recovery. Long Term Ecological Research Network All Scientist Meeting. Estes park, CO
- Higgins, C.L., C.P. Bloch, and M.R. Willig. 2008. Temporal changes and the effects of disturbance on the partitioning of biodiversity of terrestrial gastropods at various spatial scales. Ecological Society of America. Milwaukee, WI
- Barmore, A.M. and C.L. Higgins. 2007. Habitat selection in blacktail shiners. Texas A&M University System Pathways Student Research Symposium. Stephenville, TX
- Higgins, C.L. 2006. Modeling stream-fish assemblages with niche apportionment models patterns, processes, and scale dependence. Ecological Society of America. Memphis, TN
- Higgins, C.L. 2006. Spatiotemporal variation in fish assemblages based on species composition and functional groups. Southern Division of the American Fisheries Society. San Antonio, TX
- Chizinski, C.J., C.L. Higgins, and K.L. Pope. 2005. Fish communities in urban settings: multiple hypotheses testing of fish incidence patterns. Texas Chapter of the American Fisheries Society. Grapevine, TX
- Chizinski, C.J., C.L. Higgins, C.E. Shavlik, and K.L. Pope. 2004. Multiple hypotheses testing of fish incidence patterns in an urbanized ecosystem. American Fisheries Society. Madison, WI
- Higgins, C.L. and G.R. Wilde. 2003. The role of salinity in structuring stream-fish assemblages in a prairie stream system. TTUAB Graduate Forum. Lubbock, TX
- Higgins, C.L. and R.E. Strauss. 2001. Effects of temperature and diet on the timing of ossification in the livebearing fishes *Xiphophorus helleri* and *X. maculatus* (Poeciliidae). Society for the Study of Evolution. Knoxville, TN
- Higgins, C.L., P.J. Butler, and R.E. Strauss. 2001. Discrimination of foraging paths produced by different search models. Society for Integrative and Comparative Biology. Chicago, IL
- Morris-Olson, L., M.A. Houck, C.L. Higgins, and G. de Grande. 2000. Honeybee wing morphology: multivariate discrimination of thelytokous populations. Entomological Society of America. Montreal-Quebec, Canada
- Higgins, C.L., O. Konu, and R.E. Strauss. 2000. Discrimination of foraging paths produces by different search tactics. Animal Behavior Society. Atlanta, GA
- Higgins, C.L. and J. Powers. 1998. Home range of the nine-banded armadillo, *Dasypus novemcinctus*, in the Concho Valley of Texas. Angelo State University. San Angelo, TX

PROFESSIONAL DEVELOPMENT ACTIVITIES ATTENDED

2014. Webinar “SimBio's Flipping the Ecology Classroom webinar series” sponsored by the National Science Foundation. Stephenville, TX
2013. Webinar “Research Ethics for Undergraduate Research Programs” sponsored by the Council of Undergraduate Research. Stephenville, TX
2013. 60th Annual Meeting. Southwestern Association of Naturalist. Lake Charles, LA
2011. 58th Annual Meeting. Southwestern Association of Naturalist. Tyler, TX
2010. 57th Annual Meeting. Southwestern Association of Naturalists. Junction, TX
2010. 113th Annual Meeting. Texas Academy of Sciences. Stephenville, TX
2009. Beginning a Research Program in the Natural Sciences at a Predominantly Undergrad Institutions. Council of Undergraduate Research. Grand Rapids, MI
2008. 93rd Annual Meeting. Ecological Society of America. Milwaukee, WI
2007. 54th Annual Meeting. Southwestern Association of Naturalists. Stephenville, TX
2006. 91st Annual Meeting. Ecological Society of America. Memphis, TN
2006. 11th National Conference. Council of Undergraduate Research. Greencastle, IN
2006. 14th Annual Meeting. Southern Division of the American Fisheries Society. San Antonio, TX

GRANTS AND FUNDING RECEIVED (TOTAL = \$111,285)

- Higgins, C.L. and P.D. Sudman. 2014. Mammals of Palo Pinto Mountains State Park, Texas. \$10,200 from Texas Parks and Wildlife Department.
- Pyle, C. and C.L. Higgins. 2014. A comparative study of small-mammal assemblages in riparian zones along perennial and ephemeral creeks. \$1,900 Student Research Grant from Tarleton State University, Office of Student Research and Creative Activities.
- Higgins, C.L. 2014. Effects of turbidity on intra- and inter-specific shoaling preferences. \$20,001 from Tarleton State University, Organized Research Grant.
- Higgins, C.L. 2012. Impact of culverts on partial migration in cyprinids along the Paluxy River. \$13,324 from Tarleton State University, Organized Research Grant.
- Higgins, C.L. 2011. Historic hybridization within the genus *Cyprinella*. \$14,003 from Tarleton State University, Organized Research Grant.
- Higgins, C.L. 2010. Hybridization between blacktail and red shiners in the Paluxy River. \$13,485 from Tarleton State University, Organized Research Grant.
- Higgins, C.L. 2009. The role of acoustic communication in shoal formation in fishes. \$15,535 from Tarleton State University, Organized Research Grant.
- Higgins, C.L. 2006. Habitat selection in stream-dwelling cyprinids: combining

experimental and observational approaches. \$16,437 from Tarleton State University, Organized Research Grant.

Higgins, C.L. 2004. Functional groups in stream fishes: spatiotemporal variation, ontogenetic change, and patterns of diversity. \$2,000 from Texas Tech University, Graduate School.

Higgins, C.L. 2001. Evolutionary significance of growth rates among five species from the family Poeciliidae. \$2,000 from Texas Tech University, Department of Biological Sciences.

Higgins, C.L. 2000. Discrimination and classification of search paths produced by different search-tactic models. \$2,400 from Texas Tech University, Department of Biological Sciences.

PENDING GRANTS (TOTAL = \$0)

No pending grants currently in review.

GRANTS AND FUNDING NOT RECEIVED (TOTAL = \$3,225,331)

Higgins, C.L. (PI) and K. Herrmann (Co-PI). Dimensions: RUI: Impact of hybridization on freshwater biodiversity. Submitted to the National Science Foundation's Research at Undergraduate Institutions program. Amount requested \$682,041.

Higgins, C.L. (PI). REU Site: Environmental studies of ephemeral systems in Texas. Submitted to the National Science Foundation's Research Experiences for Undergraduates program. Amount requested \$305,569.

Higgins, C.L. (PI). CAREER: The role of acoustic communication in ecological interactions among freshwater fishes: engaging undergraduate students throughout the scientific process. Submitted to National Science Foundation's Faculty Early Career Development Program. Amount requested \$655,425.

Higgins, C.L. (PI). CAREER: The role stream fishes play in ecosystem processes: an integration of research and education. Submitted to National Science Foundation's Faculty Early Career Development Program. Amount requested \$857,886.

Burk, J. (PI); C.L. Higgins (supporting faculty). NOYCE: Tarleton TMATE Stipends for Science Teachers. Submitted to National Science Foundation's Robert Noyce Scholarship Program. Amount requested \$706,077.

Higgins, C.L. (PI). Habitat fragmentation and species-area relationships for terrestrial gastropods of Puerto Rico. Submitted to Tarleton State University's Organized Research Grant. Amount requested \$18,333.

CURRENT GRADUATE STUDENTS

Caitlin Pyle – is conducting a survey of mammals at Palo Pinto Mountains State Park, which is the newest state park in Texas. It is important that we document what the mammalian diversity looks like in this area and its relationship with habitat

characteristics before the land is actually developed and opened to the public.

Brandon Ruehle – is examining the relationship between parasite diversity and host fecundity in two cyprinids that differ in their reproductive strategy. Results of his study are expected to be published in the Journal of Fish Biology.

Kryztal Medina Torres – is examining potential temporal changes in broad-scale patterns of fish diversity in Texas and looking for environmental correlates. This work is part of a future special issue on global freshwater fish diversity to be published in Diversity.

CURRENT UNDERGRADUATE STUDENTS

Margaret Risher – Creating databases to assess broad-scale patterns of fish diversity

PREVIOUS GRADUATE STUDENTS

Callie Price (2013) – Spatial and temporal variation in the distribution and abundance of spinose ear ticks at Fossil Rim Wildlife Center

Allison Love (2012) – Hybridization between blacktail and red shiners in the Paluxy River

Jeremy Munz (2012) – Reproductive ecology of cyprinids in the Paluxy River

Karla Stone (2011) – Spatial and temporal variation in fish assemblage structure in the Paluxy River

Amanda Barmore (2007) - Habitat selection in blacktail shiners

PREVIOUS UNDERGRADUATE STUDENTS

Jacob Henson (2013) – Habitat selection in cyprinids from the Bosque and Paluxy Rivers

Gennady Kutovoy (2013) – The importance of vision in shoaling preference of *Cyprinella lutrensis* and *Cyprinella venusta*

Collin Dannemiller (2013) – Comparing fecundity estimates for blacktail and red shiner from two tributaries of the Brazos River

Amanda Kimmel (2013) - Laboratory documentation of hybridization between blacktail and red shiners

Philip Sterle (2013 - Using passive integrated transponders (PIT tags) to assess dispersal limitation in blacktail shiner

Abby Jones (2013) - Monitoring tick abundance at Fossil Rim Wildlife Center

Wesley Wiegrefe (2012) - Historic hybridization between blacktail and red shiners as evidenced by mtDNA

Stefanie Musick (2012) - Estimating abundance of larval spinose ear ticks at Fossil Rim Wildlife Center

- Jessica Taylor (2011) – Landmark based morphometrics of blacktail shiner in the Bosque and Paluxy Rivers
- Sarah DeGarmo (2011) – Patterns of species richness in freshwater fishes across North America
- Janet Reid (2011) – Maximum body size of North American freshwater fishes
- Crystal Neff (2011) – Using online databases to gather data for macroecological studies
- Jennifer Major (2010) – Ecomorphology of blacktail shiner, red shiner, and their hybrids
- Christian Perez (2010) – Genetic analysis of blacktail shiner, red shiner, and their hybrids
- Crystal Ibarra (2010) – Geographic distributions of North American freshwater fishes
- Caitlin Pyle (2010) – Sound production in red shiner
- Jeremy Munz (2009) - Comparative analysis of biological integrity between the Bosque and Paluxy Rivers
- Emily Blalack (2009) - Partitioning biodiversity of stream-fish assemblages in central Texas
- Melissa Edwards (2009) - Using mark-recapture data to generate population growth models
- Shy Eisenbach (2007) – Current preferences in blacktail shiner

PROFESSIONAL MEMBERSHIPS

- American Fisheries Society
- Ecological Society of America
- Southwestern Association of Naturalists
- Texas Chapter of the American Fisheries Society

SERVICE AS REVIEWER (MULTIPLE TIMES FOR MANY JOURNALS)

- American Naturalist*
- Behavioral Ecology*
- Ecography*
- Ecology of Freshwater Fish*
- Environmental Biology of Fishes*
- European Journal of Operational Research*
- Hydrobiologia*
- International Journal of Primatology*
- Marine and Freshwater Research*

Naturwissenschaften
North American Journal of Fisheries Management
Oecologia
Oikos
PLoS ONE
Southeastern Naturalist
Southwestern Naturalist
Texas Journal of Science
Transactions of the American Fisheries Society
US Geological Survey, Cooperative Research Units

UNIVERSITY SERVICE

Academic Appeals Committee – (2006 - present)
COST Curriculum Committee – (2007 – 2009)
Education Subcommittee of the Bosque River Trails Project (2013 – present)
Event Coordinator for Science Olympiad – (2006 - 2013)
Edit Review Committee – (2008 - 2009)
Faculty Achievement Grants Committee – (2008 – 2009)
Faculty Development Leave Committee – (2008 – 2009)
Faculty Mentor for Faculty Partner Program – (2007 - 2009)
Faculty Senate – (2008 – 2011)
General Education Advisory Council (2009 – 2011)
COST Representative on the Global Engagement Board (2014 – present)
PIFAC Advisory Committee for Maestro (2014 – present)
Search Committee for Director of the Center for Environmental Studies (2014)
Speaker Symposium Committee – (2007 – 2009)
Task Force for the College Readiness Initiative – (2008 – 2010)
Task Force for Diversity Within the Curriculum – (2007 – 2009)
University Curriculum Committee - (2007 – 2009)

PROFESSIONAL SERVICE

Judge for poster awards at annual SWAN meeting (2013)
Participated as faculty recruiter for GEMS program at Northwest Vista Community

MARCH 18, 2014

College in San Antonio, Texas (2012)

Guest speaker for STAR Council Bosque Safari Summer Camp (2010)

Served as reviewer for University of Central Oklahoma in-house grant proposals (2010)

Judge for Texas Academy of Science Student Proposal Competition (2010, 2013)

Judge for San Antonio Agriscience Fair (2008 – 2009)

Annual Meeting Committee - Southwestern Association of Naturalists (2007)
