

CURRICULUM VITAE
TENNESSEE AQUARIUM CONSERVATION INSTITUTE
175 BAYLOR SCHOOL RD
CHATTANOOGA, TN 37405

RESEARCH FUNDING (TOTAL \$2,552,481)

- \$15,000** 2019. Global Wildlife Conservation. Rediscovering the critically endangered Syr-Darya Shovelnose Sturgeon.
- \$10,000** 2019. Tennessee Wildlife Resources Agency. Propagation of the Common Logperch as a host for endangered mussel larvae.
- \$8,420** 2019. Tennessee Wildlife Resources Agency. Monitoring for the Laurel Dace.
- \$4,417** 2019. Tennessee Wildlife Resources Agency. Examining interactions between Laurel Dace (*Chrosomus saylori*) and sunfish
- \$12,670** 2019. Trout Unlimited. Southern Appalachian Brook Trout propagation for reintroduction to Shell Creek.
- \$106,851** 2019. Private Donation. Microplastic accumulation in fishes of the southeast.
- \$1,471.** 2019. AZFA-Clark Waldram Conservation Grant. Mayfly propagation for captive propagation programs.
- \$20,000.** 2019. Tennessee Valley Authority. Assessment of genetic diversity within Blotchside Logperch.
- \$25,000.** 2019. Riverview Foundation. Launching *Hidden Rivers* in the Southeast.
- \$11,170.** 2018. Trout Unlimited. Propagation of Southern Appalachian Brook Trout for Supplemental Reintroduction.
- \$1,471.** 2018. AZFA Clark Waldram Conservation Grant. Climate Change Impacts on Headwater Stream Vertebrates in Southeastern United States
- \$1,000.** 2018. Hamilton County Health Department. Step 1 Teaching Garden Grants for Sequoyah School Garden.
- \$41,000.** 2018. Riverview Foundation. River Teachers: Workshops for Educators.
- \$1,000.** 2018. Tennessee Valley Authority. Youth Freshwater Summit
- \$20,000.** 2017. Tennessee Valley Authority. Lake Sturgeon Propagation.
- \$7,500** 2017. Trout Unlimited. Brook Trout Propagation.
- \$24,783.** 2017. Tennessee Wildlife Resource Agency. Assessment of *Percina macrocephala* and *Etheostoma cinereum* populations within the Duck River Basin.
- \$35,000.** 2017. U.S. Fish and Wildlife Service. Status surveys for conservation status of Ashy (*Etheostoma cinereum*) and Redlips (*Etheostoma maydeni*) Darters.
- \$2,000.** 2017. Community Foundation of Greater Chattanooga. Pollinator garden for Sequoyah High School.
- \$1,445.** 2017. AZFA -Clark Waldram Conservation Grant. Winners or Losers: Determining how climate change impacts species interactions among climate-restricted stream salamanders.
- \$12,000.** 2016. U.S. Fish and Wildlife Service. Population genetics of the endangered Cumberland Darter (*Etheostoma susanae*).
- \$4,961.** 2016. Columbus Zoo Conservation Grant. "Movement Ecology of Juvenile Alligator Snapping Turtles to Determine Conservation Value of Sites in West Tennessee for Future Release of Propagated Individuals.
- \$19,895.** 2016. U.S. Department of Interior – Fish and Wildlife Service. Monitoring program and propagation protocols for the Laurel Dace *Chrosomus saylori*.

- \$40,000.** 2016. U.S. Department of Interior – Fish and Wildlife Service. Status surveys for six federally listed upland species of Mobile Basin fishes.
- \$630.** 2016. U.S. Department of Interior – Fish and Wildlife Service. Relative abundance survey of the endangered Watercress Darter, *Etheostoma nuchale*, in Watercress Darter NWR.
- \$1,500.** 2016. AZFA Clark Waldram Conservation Grant. Amphibian conservation: understanding the effects of invasive species on native amphibians in headwater streams.
- \$5,000.** 2015. U.S. Department of Interior – Fish and Wildlife Service. Comparing the genetics of Alabama Cave Shrimp (*Palaemonias alabamae*) from Shelta Cave to population from Bobcat, Hering/Glover/Brazelton, and Muddy caves, Alabama
- \$112,078.** 2015. Institute for Museum and Library Services. Freshwater Information Network.
- \$138,691.** 2015. National Fish and Wildlife Foundation. Southeastern Conservation Analysis.
- \$7,000.** 2015. Trout Unlimited. Assortative mating in Southern Appalachian Brook Trout: Are multiple source populations helpful or harmful for Brook Trout reintroduction?
- \$83,790.** 2015. Tennessee Wildlife Resources Agency. Range and Distribution of Alligator Snapping Turtles.
- \$2,500.** 2015. Norcross Wildlife Foundation. Environmental Monitoring with Fine-Scale GPS Equipment.
- \$1,600.** 2014. AZFA Clark Waldram Conservation Grant . Amphibian conservation: Understanding Mudpuppy Tolerance and Behavior.
- \$17,749.** 2014. AZA Conservation Grants Fund. Above the Surface: Lifting Lake Sturgeon into Public View.
- \$1,200.** 2014. U.S. Department of Interior – Fish and Wildlife Service. Survey for Rush Darters (*Etheostoma phytophilum*) and Vermilion Darters (*E. chermocki*) in an unnamed tributary to Turkey Creek, Jefferson County, Alabama.
- \$1,000,000.** 2014. Lyndhurst Foundation. Conservation Capital: Tennessee Aquarium Conservation Institute Facility.
- \$500,000.** 2014. Benwood Foundation. Conservation Capital: Tennessee Aquarium Conservation Institute Facility.
- \$8,500.** 2013. Lyndhurst Foundation. Conservation Leadership in Action Week.
- \$1,650.** 2013. AZFA Clark Waldram Conservation Grant. Lake Sturgeon Recirculating System at the Tennessee Aquarium.
- \$1,500.** 2012. AZFA Clark Waldram Conservation Grant. Greenhouse Improvements for Imperiled Species Holding Space.
- \$31,140.** 2012. National Fish and Wildlife Federation. Southern Appalachian Brook Trout Recovery Program.
- \$17,640.** 2012. U.S. Fish and Wildlife Service. Survey and Monitoring for the Barrens Topminnow, *Fundulus julisia*, in central Tennessee.
- \$17,888.** 2012. Tennessee Wildlife Resources Agency. Status, distribution, and recovery plans for the Laurel Dace, *Chrosomus saylori*, and Chucky Madtom, *Noturus crypticus*.
- \$25,000.** 2010. U.S. Fish and Wildlife Service. Conservation Planning for Imperiled Fishes of the Mobile Basin and Cumberlandian Region.
- \$15,970.** 2009. Tallassee Fund. Reintroduction of hellbenders (*Cryptobranchus alleganiensis*) into the Little Tennessee River.
- \$2,140.** 2009. World Wildlife Fund. Emory River Fish Community Health.
- \$1,850.** 2009. World Wildlife Fund. Identifying Priority Rivers for Fishes.
- \$14,500.** 2009. National Fish and Wildlife Foundation Five Star Restoration. Colvard Spring habitat restoration.
- \$50,000.** 2009. U.S. Fish and Wildlife Service. Preventing Extinction: Conasauga Logperch.

- \$26,000.** 2009. Lyndhurst Foundation. Gauging the Long-term Impact of the Coal Ash Spill at Kingston.
- \$5,000.** 2008. World Wildlife Fund. Desperate Dozen: Southeastern Fishes on the Brink.
- \$3,400.** 2007. Norcross Wildlife Foundation. Strategic Planning for the Tennessee Aquarium Research Institute.
- \$20,791.** 2007. Association of Zoos and Aquariums. Correlations between genetic diversity and species diversity in the ichthyofauna of the Tennessee River.
- \$9,720.** 2007. World Wildlife Fund. Captive Propagation and Reintroduction Workshop at the 2007 Southeastern Fishes Council.
- \$1,000.** 2007. North American Native Fishes Association. Conservation genetics and larval biology of Popeye Shiner, a rare fish in a fragmented ecosystem.

PUBLICATIONS

- Harris, M.H.**, Womble, K.I., and Alford, B. 2020. Size-specific Advantage in Shelter Competition between the Mountain Madtom and Crayfishes. *Journal of Fish and Wildlife Management*.
- Womble, K.I., Dinkins, G.R., Alford, B., and **Harris, M.H.** 2019. New species distribution record for *Simpsonaias ambigua* (Say) (Salamander Mussel: Bivalvia: Unionidae) in the Harpeth River, Tennessee. *Southeastern Naturalist*.
- Ennen, J.R.**, M. Agha, **S.C. Sweat**, W. Matamoros, J.E. Lovich, A.G.J. Rhodin, J.B. Iverson and C.W. Hoagstrom. 2019. Turtle biogeography: Global regionalization and conservation priorities *Biological Conservation*.
- Huntsman, B.M., M.P. Venarsky, F. Abadi, A.D. Huryn, **B.R. Kuhajda**, C.L. Cox, and J.P. Benstead. 2019. Evolutionary history and sex are significant drivers of crayfish demography in resource-limited cave ecosystems. *Evolutionary Ecology*.
- Fluker, B.L., K.D. Jones, and **B.R. Kuhajda**. 2019. Genetic structure and diversity of the Blueface Darter *Etheostoma cyanoprosopum*, a microendemic freshwater fish in the southeastern USA. *Endangered Species Research* 40:133-147.
- Cronnon, C.T., **M. Harris**, **B. Kuhajda**, and H. Klug. 2019. Behavior of *Chrosomus saylori* (Laurel Dace) during the breeding season. *Southeastern Naturalist* 18(3):373-380.
- Jordan, G.R., E.J. Heist, **B.R. Kuhajda**, G.R. Moyer, P. Hartfield, and M.S. Piteo. 2019. Morphological identification overestimates the number of Pallid Sturgeon in the lower Mississippi River due to extensive introgressive hybridization. *Transactions of the American Fisheries Society* 148:1004-1023.
- Elkins, D, **S. Sweat**, **B. Kuhajda**, **A. George**, S. Wenger. 2019. Illuminating hotspots of imperiled aquatic biodiversity in the southeastern US. *Global Ecology and Conservation* 19:e00654.
- Jones, K.D., M. Sandel, **B.R. Kuhajda**. 2019. Complete mitochondrial genome for the Mobile River Basin endemic Coal Darter, *Percina brevicauda* (Perciformes, Percidae). *Mitochondrial DNA Part B*. 4(1):2013-2032.
- Ennen, J.R.**, **M.L. Hoffacker**, W. Selman, C. Murray, J. Godwin, and M. Agha. 2019. The importance of environmental conditions on body size and shape morphology of a freshwater vertebrate. *Copeia* 107:550-559
- George, A.L.**, **J.R. Ennen**, and **B.R. Kuhajda**. 2019. Protecting an underwater rainforest: Freshwater science in the southeastern United States. In: *Scientific Foundations of Zoos and Aquariums: Their Role in Conservation and Research*, edited by A.B. Kaufman, M.J. Bashaw, and T.L. Maple. Cambridge University Press, Cambridge, UK, Pg. 64-90.

- Lovich, J.E., M. Agha, **J.R. Ennen**, T.R. Arundel, and M. Austin. 2018. Agassiz's desert tortoise (*Gopherus agassizii*) activity areas are little-changed after wind turbine-induced fires in California. *International Journal of Wildland Fire* 27:851-856.
- Farnsley, S. **B.R. Kuhajda**, **A.L. George**, and H. Klug. 2018. Learning to overcome a lack of evolutionary history: can an endangered fish learn to fear an introduced predator? *Frontiers in Ecology and Evolution* 6(214):1-7.
- Rhodin, A.G.J., C.B. Stanford, P.P. van Dijk, C. Eisemberg, L. Luiselli, R.A. Mittermeier, R. Hudson, B.D. Horne, E.V. Goode, G. Kuchling, A. Walde, E.H.W. Baard, K.H. Berry, A. Bertolero, T.E.G. Blanck, R. Bour, K.A. Buhlmann, L.J. Cayot, S. Collett, A. Currylow, I. Das, T. Diagne, **J.R. Ennen**, G. Ferero-Medina, M.G. Frankel, U. Fritz, G. Garcia, J.W. Gibbons, P.M. Gibbons, G. Shiping, J. Guntoro, M.D. Hofmeyr, J.B. Iverson, A.R. Kiester, M. Lau, D.P. Lawson, J.E. Lovich, E.O. Moll, V.P. Paez, R. Palomo-Ramos, K. Platt, S.G. Platt, P.C.H. Pritchard, H.R. Quinn, S.C. Rahman, S. R. Randrianjafizanaka, J. Schaffer, W. Selman, H.B. Shaffer, D.S.K. Sharma, S. Haitao, S. Singh, R. Spencer, K. Stannard, S. Sutcliffe, S. Thomson, and R.C. Vogt. 2018. Global conservation status of turtles and tortoises (Order Testudines). *Chelonian Conservation and Biology* 17:135-161.
- Lovich, J.E., **J.R. Ennen**, M. Agha, and J.W. Gibbons. 2018. Where have all the turtles gone, and why does it matter? *BioScience* 68(10): 771-781.
- Hoffacker, M.L.**, K.K. Cecala, **J.R. Ennen**, **S. M. Mitchell**, and J.M. Davenport. 2018. Interspecific interactions are conditional on temperature in an Appalachian stream salamander community. *Oecologia* 188(2): 623-631.
- Aburto-Oropeza, O., A.F. Johnson, M. Agha, E.B. Allen, M.F. Allen, J.A. González, D.M.A. Moreno, R. Beas-Luna, S. Butterfield, G. Caetano, J.E. Caselle, G.C. Gaytán, M.C.N. Castorani, L.A. Cat, K. Cavanaugh, J.Q. Chambers, R.D. Cooper, N.A. Dalmau, T. Dawson, A.D. de la Vega Pérez, J.F.C. DiMento, S.D. Guerrero, M. Edwards, **J.R. Ennen**, H. Estrada-Medina, N. Fierro-Estrada, H. Gadsden, P. Galina-Tessaro, P.M. Gibbons, E.V. Goode, M.E. Gorris, T. Harmon, S. Hecht, M.A.H. Frago, A. Hernandez-Solano, D. Hernandez-Cortes, G. Hernandez-Carmona, S. Hillard, R. B. Huey, M.B. Hufford, G.D. Jenerette, J. Jimenez-Osornia, K.J. Lopez-Nava, R.A.L. Resendiz, H.M. Leslie, A. Lopez-Feldman, V.H. Luja, N.M. Mendez, W.J. Mautz, J. Medellin-Azuara, C. Melendez-Torres, F.R. Mendez de la Cruz, F. Micheli, D.B. Miles, G. Montagner, G. Montano-Moctezuma, J. Muller, P. Oliva, J.A.O. Alvarez, J.P. Ortiz-Partida, J. Palleiro-Mayar, V.H.P. Figueroa, P.E. Parnell, P. Raimondi, A. Ramirez-Valdez, J.T. Randerson, D.C. Reed, M. Riquelme, T.R. Torres, P.C. Rosen, J. Ross-Ibarra, V. Sanchez-Cordero, S. Sandoval-Solis, J. C. Santos, R. Sawers, B. Sinervo, J. W. Sites Jr. O. Sosa-Nishizaki, T. Stanton, J.R. Stapp, J.A.E. Stewart, J. Torre, G. Torres-Moye, K.K. Treseder, J. Valdez-Villavicencio, F.I.V. Jimenez, M. Vaughn. L. Welton, M.F. Westphal, G. Woolrich-Pina, A. Yunez-Naude, J.A. Zertuche-Gonzalez, J.E. Taylor. 2018. Harnessing cross-border resources to confront climate change. *Environmental Science and Policy* 87:128-132.
- Lovich, J.E., S.R. Puffer, M. Agha, **J.R. Ennen**, K. Meyer-Wilkins, L.A. Tennant, A.L. Smith, and M.S. Vamstad. 2018. Reproductive output and clutch phenology of female Agassiz's Desert Tortoises (*Gopherus agassizii*) in the Sonoran Desert Region of Joshua Tree National Park. *Current Herpetology* 37:1-18.
- Agha, M., **J.R. Ennen**, J. Nowakowski, J.E. Lovich, **S.C. Sweat**, and B.D. Todd. 2018. Macroecological patterns of sexual size dimorphism in turtles of the world. *Journal of Evolutionary Biology*. 31(3): 336-345.
- Agha, M., **J.R. Ennen**, D. Bower, J. Nowakowski, **S.C. Sweat**, and B.D. Todd. 2018. A global review of freshwater turtles in brackish water ecosystems. *Biological Reviews* 93:1634-1648.

- Lovich, J.E., S.R. Puffer, M. Agha, **J.R. Ennen**, K. Meyer-Wilkins, L.A. Tennant, A.L. Smith, and M.S. Vamstad. 2018. Reproductive output and clutch phenology of female Agassiz's Desert Tortoises (*Gopherus agassizii*) in the Sonoran Desert Region of Joshua Tree National Park. *Current Herpetology* 37:1–18.
- Gaillard, D., **J.R. Ennen**, B.R. Kreiser, C.P. Qualls, **S.C. Sweat**, R. Birkhead, T.D. Tuberville, M. Aresco, E. McCoy, H. Mushinsky, and T.W. Hentges. 2017. Range-wide and regional patterns of population structure and genetic diversity in the gopher tortoises (*Gopherus polyphemus*). *Journal of Fish and Wildlife Management*. 8(2):497-512.
- Ennen, J.R.**, W.A. Matamoros, J.E. Lovich, **S.C. Hazzard**, M. Agha, and C.W. Hoagstrom. 2017. Hierarchical, quantitative biogeographic provinces for all North American turtles and their contributions to the biogeography of turtles and the continent. *Herpetological Monographs*. 31:114-140.
- Hurt, C., **B. Kuhajda**, A. Harman, N. Ellis, and M. Nalan. 2017. Genetic diversity and population structure in the Barrens Topminnow (*Fundulus julisia*): implications for conservation and management of a critically endangered species. *Conservation Genetics*. 18(6):1347-1358.
- Lovich, J.E. and **J.R. Ennen**. 2017. Reptiles and Amphibians. In Perrow, M. (ed.) *Wildlife and Wind Farms, Conflict and Solutions*, Volume 1. Pelagic Publishing, Exeter, UK. (Cover photo of Volume 2 was taken by **J.R. Ennen**)
- Mitchell, S.M.**, **J.R. Ennen**, K.K. Cecala, and J.M. Davenport. 2017. *Ex-situ* Pit-tag retention study in two *Desmognathus* species. *Herpetological Review*. 48:313-315.
- Agha, M., A.L. Smith, J.E. Lovich, D. Delaney, **J.R. Ennen**, J. Briggs, L.J. Fleckenstein, L.A. Tennant, S.R. Puffer, A. Walde, T.R. Arundel, S.J. Price, and B.D. Todd. 2017. Visitation and interactions of mesocarnivores at desert tortoise burrows in a utility-scale wind energy landscape. *Journal of Wildlife Management*. 81:1117-1124.
- Cecala, K.K., J. Davenport, **J.R. Ennen**, and W. Fields. 2017. Amphibians and Reptiles. In Hauer, F.R. and G.A. Lamberti (eds) *Methods in Stream Ecology* 3rd Edition.
- Ennen, J.R.**, J.E. Lovich, R.C. Averill-Murray, C. Yackulic, M. Agha, C. Loughran, L. Tennant, and B. Sinervo. 2017. The evolution of different maternal investment strategies in two closely related desert vertebrates. *Ecology and Evolution*. 7(3):177-3189.
- Lovich, J.E., R.C. Averill-Murray, M. Agha, **J.R. Ennen**, and M. Austin. 2017. Variation in annual clutch phenology of Sonoran desert tortoises (*Gopherus morafkai*) in Central Arizona. *Herpetologica*. 73(4):313-322.
- Liles, L.A., K.K. Cecala, **J.R. Ennen**, and J.M. Davenport. 2017. Elevated temperatures alter body condition and competitive outcomes in Appalachian salamanders. *Animal Conservation*. 20(6):502-510.
- Sweat, S.C.**, S. Mutiti, C.E. Skelton. 2017. Application of hydrogeophysical techniques to study the distribution of a burrowing crayfish in a wetland. *Wetlands Ecology and Management*. 25(2): 149-158.
- Kuhajda, B.R.**, and S.J. Rider. 2016. Status of the imperiled Alabama Sturgeon (*Scaphirhynchus suttkusi* Williams and Clemmer, 1991). *Journal of Applied Ichthyology*. 32 (S1):15-29.
- Niemiller, M.L. K.S. Zigler, P.B. Hart, **B.R. Kuhajda**, J.W. Armbruster, B.N. Ayala, and A.S. Engel. 2016. First definitive record of a stygobiotic fish (Percopsiformes, Amblyopsidae, *Typhlichthys*) from the Appalachians karst region in the eastern United States. *Subterranean Biology*. 20:39-50.
- Duncan, R.S., **B.R. Kuhajda**, C.A. Hodges, and A.L. Messenger. 2016. Population structure and habitat use of the endangered Watercress Darter. *Journal of Fish and Wildlife Management*. 7:499-508.

- Farnsley, S, **B.R. Kuhajda**, **A.L. George**, and H. Klug. 2016. *Fundulus catenatus* (Northern Studfish) response to the potential alarm cue chondroitin sulfate. *Southeastern Naturalist*. 15:523-533.
- Ennen, J.R.**, J.M. Davenport, and **K.F. Alford**. 2016. Evidence for asymmetric competition among headwater stream vertebrates. *Hydrobiologia*. 772:207-213.
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- Ennen, J.R.**, J. Godwin, J.E. Lovich, B.R. Kreiser, B. Folt, **S.C. Hazzard**. 2016. Interdrainage morphological and genetic differences in the Escambia Map Turtle, *Graptemys ernsti*. *Herpetological Conservation and Biology*. 11(1):122-131.
- Bennett, M.G., J.H. Howell, **B.R. Kuhajda**, and P.L. Freeman. 2015. New upstream records for fishes following dam removal in the Cahaba River, Alabama. *Southeastern Fishes Council Proceedings*. 55:51-61.
- Moyer, G. R., **George, A.L.**, P. Rakes, J.R. Shute, A. S. Williams. 2015. Assessment of genetic diversity and hybridization for the endangered Conasauga Logperch (*Percina jenkinsi*). *Southeastern Fishes Council Proceedings*. No. 55.
- Powers, S.L., S.E. Ahlbrand, **B.R. Kuhajda**, and K.E. West. 2015. Testing for genetic divergence within and among isolated populations of a threatened species in Georgia and Alabama, *Percina aurolineata* (Percidae; Goldline Darter). *Southeastern Naturalist*. 14:675-684.
- Ennen, J.R.**, P.V. Lindeman, and J.E. Lovich. 2015. Intersexual allometry differences and ontogenetic shifts of coloration patterns in two aquatic turtles, *Graptemys oculifera* and *Graptemys flavimaculata*. *Ecology and Evolution*. 5:2296-2305.
- Lovich, J.E., **J.R. Ennen**, C.B. Yackulic, K. Meyer, M. Agha, C. Loughran, C. Bjurlin, M. Austin, and S. Madrak. 2015. Not putting all their eggs in one basket: bet-hedging despite extraordinary annual reproductive output of desert tortoises. *Biological Journal of the Linnean Society*. 115: 399-410.
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- Agha, M.A., M.O. Murphy, J.E. Lovich, **J.R. Ennen**, C.R. Oldham, K. Meyers-Wilkins, C. Bjurlin, M. Austin, S. Madrak, C. Loughran, L. Tennant, and S.J. Price. 2015. The effect of research activities and winter precipitation on defensive voiding behavior of Agassiz's desert tortoise (*Gopherus agassizii*). *Wildlife Research*. 41:641-649
- Agha, M., B. Augustine, J.E. Lovich, B. Sinervo, D. Delaney, M.O. Murphy, **J.R. Ennen**, R. Cooper, and S.J. Cooper. 2015. Using motion-sensor camera technology to infer seasonal activity and thermal niche of the desert tortoise (*Gopherus agassizii*). *Journal of Thermal Biology*. 49-50:119-126.
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- Kuhajda, B.R.**: 2014. Polyodontidae: Paddlefishes. Pp. 207-242. *In: Freshwater Fishes of North America, Volume 1, Petromyzontidae to Catostomidae*, M.L. Warren, Jr., and B.M. Burr (eds.), John Hopkins University Press, Baltimore, MD.
- Fluker, B.L., **B.R. Kuhajda**, and P.M. Harris. 2014. The effects of riverine impoundment on genetic structure and gene flow in two stream fishes from the Mobile River Basin. *Freshwater Biology*. 59:526-543.
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- Powers, S.L., **B.R. Kuhajda**, and S.E. Ahlbrand. 2012. Systematics of the *Etheostoma cinereum* (Teleostei: Percidae) species complex (subgenus *Allohistium*). *Zootaxa* 3277:43-55.
- von Rintelen, K., T.J. Page, Y. Cai, K. Roe, B. Stelbrink, **B.R. Kuhajda**, T. Iliffe, J. Hughes, and T. von Rintelen. 2012. Drawn to the dark side: a molecular phylogeny of freshwater shrimps (Crustacea: Decapoda: Caridea: Atyidae) reveals frequent cave invasions and challenges current taxonomic hypotheses. *Molecular Phylogenetics and Evolution*. 63:82-96.
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REPORTS

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GENERAL PUBLICATIONS

- Garig, D.F., S. Hyder, R. Colvin, J. Dennison, B. Harris, J. Akers, and **J.R. Ennen**. 2019. New reptile distributional records from West Tennessee, USA. *Herpetological Review* 50(4):754-755.
- McFerrin, M.A, and **J.R. Ennen**. 2018. Geographic Distribution: *Thamnophis sirtalis* (Eastern Gartersnake). *Herpetological Review* 49:80.
- McFerrin, M.A, and **J.R. Ennen**. 2018. Geographic Distribution: *Trachemys scripta* (Pond Slider). *Herpetological Review* 49:73
- McFerrin, M.A, and **J.R. Ennen**. 2017. Geographic Distribution: *Sceloporus undulatus* (Eastern Fence Lizard). *Herpetological Review* 48:390.
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- McFerrin, M.A, and **J.R. Ennen**. 2017. Geographic Distribution: *Ambystoma tigrinum* (Tiger Salamander). *Herpetological Review* 48:117.
- McFerrin, M.A, and **J.R. Ennen**. 2017. Geographic Distribution: *Storeria dekayi* (Dekay's Brownsnake). *Herpetological Review* 48:131.
- Ennen, J.R.**, N.S. Ennen, and B.F. Ennen. 2016. Geographic Distribution: *Storeria occipitomaculata* (Red-bellied Snake). *Herpetological Review* 47:429.
- Ennen, J.R.**, J.E. Lovich, and R.L. Jones. 2016. *Graptemys pearlensis* Ennen, Lovich, Kreiser, Selman, and Qualls 2010 - Pearl River Map Turtle. In: A.G.J. Rhodin, P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann, J.B. Iverson, and R.A. Mittermeier (Eds.). *Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group*. Chelonian Research Monographs 5(9):094.1–8.
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- Zigler, K.S., **B.R. Kuhajda**, B.N. Ayala, M.L. Niemiller, and A.S. Engel. 2016. First observation of Southern Cavefish (*Typhlichthys subterraneus*) east of the Cumberland Plateau. *Bulletin of the Georgia Speleological Survey* 2015: 9-11.
- B.R. Kuhajda**, **D.A. Neely**, and **J.R. Ennen**. 2016. Geographic Distribution: *Gyrinophilus porphyriticus* (Spring Salamander). *Herpetological Review* 47:245.
- Ennen, J.R.** 2015. Geographic Distribution: *Lithobates palustris* (Pickerel Frog). *Herpetological Review* 46:562.
- Ennen, J.R.**, **B.R. Kuhajda**, **K.F. Alford**, and **S.C. Hazzard**. 2015. Natural History Note: *Desmognathus quadramaculatus* (Black-bellied Salamander). Predation. *Herpetological Review*. 46:226-227.

- George, A.L., B.R. Kuhajda, and D.A. Neely.** 2015. Recovery plan for the Laurel Dace (*Chrosomus saylori*). U.S. Fish and Wildlife Service, Atlanta, GA.
- Ennen, J.R., B.R. Kuhajda, and B. Albanese.** 2014. Geographic Distribution: *Apalone spinifera* (Spiny Softshell). Herpetological Review 45(4):656.
- Kuhajda, B.R.** 2013. Warrior Darter, *Etheostoma bellator* Suttkus and Bailey. Wildlife and Freshwater Fisheries Division, Alabama Department of Conservation and Natural Resources. Update to conserving Alabama's wildlife: a comprehensive strategy. Alabama Department of Conservation and Natural Resources, Montgomery, Alabama.
- Taylor, T.M., A.L. George, and D.A. Neely.** 2010. Natural history notes, *Eumeces fasciatus* (Five-lined skink), predation. Herpetological Review 41(2):228.

OUTREACH PUBLICATIONS

- Ennen, J.R.** Fall 2016. Conserving the Behemoths of the Southeast. Tennessee Aquarium Riverwatch. 3:4-5.
- Hazzard, S.C.** Summer 2016. Training Watershed Stewards. Tennessee Aquarium Riverwatch. 2:10-11.
- Ennen, J.R.** Spring 2016. The Secret Lives of Salamanders. Tennessee Aquarium Riverwatch. 1:10-11
- Kuhajda, B.R.** Spring 2015. Big Research in Small Spaces. Tennessee Aquarium Riverwatch. 1:10.
- Kuhajda, B.R.** Winter 2014. Listening for Sturgeon on the River Gorge Explorer. Tennessee Aquarium Riverwatch. 4:11.
- Alford, K.F.** June 2013. Restoring a Freshwater Native, Southern Appalachian Brook Trout. Association of Zoos & Aquariums CONNECT
- Kuhajda, B.R.** Summer 2013. Mountaintop Marvels-The Laurel Dace. Tennessee Aquarium Riverwatch. 2:10-11.
- Alford, K.F.** Spring 2013. TNACI Update: Brook Trout. Tennessee Aquarium Riverwatch. 1:12-13.
- Alford, K.F.** Fall 2012. Involving Kids with Conservation. Tennessee Aquarium Riverwatch. 3:7.
- George, A.L.** Fall 2012. Meet Alexandra Cousteau. Tennessee Aquarium Riverwatch. 3:5.
- Alford, K.F.** Spring 2012. King of the Mountains, the Southern Appalachian Brook Trout. Tennessee Aquarium Riverwatch. 1:2-3.
- George, A.L.** Winter 2011. A Recipe For Success. Tennessee Aquarium Riverwatch. 4:20-21.
- George, A.L.** Fall 2011. A New Way to See Food. Tennessee Aquarium Riverwatch. 3:2-3.
- George, A.L.** Spring 2011. Spring: A Great Time to Think Green. Tennessee Aquarium Riverwatch. 1:7-8
- George, A.L.** Winter 2010. Conserving Nature: Logperch Lessons. Tennessee Aquarium Riverwatch. 4: 6-7.
- George, A.L.** Fall 2010. Restoring a River Giant. Tennessee Aquarium Riverwatch. 3:2-3.
- George, A.L.** Summer 2010. Fish Tales from the Field. Tennessee Aquarium Riverwatch. 2:4-5.
- George, A.L.** Spring 2010. Spring Cleaning for Our Waters. Tennessee Aquarium Riverwatch. 1:20-21.

KEYNOTE PRESENTATIONS

- George, A.L.** 2017. Every Drop Matters: Building a Community of Freshwater Advocates. Tennessee Stormwater Association Annual Conference. Tennessee Stormwater Association Annual Conference. Fall Creek Falls State Park, Spencer, Tennessee.
- Kuhajda, B.R.** 2015. Dr. H.T. Boschung: the later years. 41st Annual Meeting of the Southeastern Fishes Council, Gainesville, FL.

Ennen, J.R., S.C. Hazzard, M. Agha, and J.E. Lovich, W. Matamoros. 2015. The where and why of North American turtles. Tennessee Herpetological Society Meeting. Savannah, Tennessee.

INVITED SEMINARS

- George, A.L.** 2019. Your drop matters: Building a community of freshwater advocates. College of Engineering, Math, and Computer Science, University of Tennessee at Chattanooga, Chattanooga, Tennessee.
- George, A.L.** 2019. Protecting an Underwater Rainforest: Freshwater Conservation Science in the Southeastern United States. Department of Biology, Covenant College, Lookout Mountain, Georgia.
- George, A.L.** 2019. The science and art of reintroduction biology. Odum School of Ecology, University of Georgia, Athens, Georgia.
- George, A.L.** 2019. Protecting an underwater rainforest: How to help the diverse rivers and critters of the southeastern United States. Confluence, Georgia Adopt-A-Stream Annual Conference, Helen, Georgia.
- George, A.L.** 2019. River literacy: helping Tennesseans make informed decisions on freshwater issues. East Tennessee Development Symposium. Knoxville, Tennessee.
- George, A.L.** 2019. Protecting an underwater rainforest: freshwater conservation science in the southeastern United States. Department of Ecology, Evolution, and Organismal Biology, Kennesaw State University, Kennesaw, Georgia.
- George, A.L.** 2017. Every drop matters: building a community of freshwater advocates (keynote address). Tennessee Stormwater Association Annual Conference. Tennessee Stormwater Association Annual Conference. Fall Creek Falls State Park, Spencer, Tennessee.
- George, A.L.** 2017. Our watershed moment: freshwater conservation science in the southeastern United States. Department of Natural Resource Ecology and Management, Iowa State University, Ames, IA.
- George, A.L.** 2017. From genes to ecosystems: conserving and restoring southeastern aquatic biodiversity. Department of Biology, Berry College, Rome, GA.
- Ennen, J.R.** 2017. Can renewable energy developments and wildlife coexist? Departmental Seminar, University of Southern Mississippi, Hattiesburg, Mississippi.
- Ennen, J.R.** 2017. Can renewable energy developments and wildlife coexist? Departmental Seminar, Southeast Missouri State University, Cape Girardeau, Missouri.
- George, A.L.** 2017. From planning to action: freshwater conservation science in the southeastern United States. Year of Water Speaker Series, University of the South, Sewanee, Tennessee.
- George, A.L.** 2017. Your drop matters. Ocoee Hiwassee State Park, Etowah, Tennessee.
- Kuhajda, B.R.** 2017. Return of the Lake Sturgeon. Chatt About Science, Chattanooga, Tennessee.
- George, A.L.** 2017. Best practices and (frequently unexpected) lessons learned from reintroductions in southeastern rivers and streams. Delta Smelt Culture Program Workshop. Davis, CA.
- Raines, C.D.** 2017. Bringing Back the Natives: Restoring At-Risk Species in the Southeastern United States. Shepherd University Biology Department. Shepherdstown, WV.
- Sweat, S.C.** 2017. Southeastern Aquatic Critter Conservation. University of Tennessee Chattanooga Department of Biology, Geology, and Environmental Sciences. Chattanooga, TN.
- Sweat, S.C.** 2017. Southeastern Aquatic Critter Conservation. University of West Georgia Department of Biology. Carrollton, GA.
- George, A.L.** 2016. Harnessing the power of living and natural history collections for southeastern aquatic conservation. iDigBio Annual Conference, Chattanooga, Tennessee.
- Ennen, J.R.** 2016. Understanding the Where and Why of Turtles. Departmental Seminar, Tennessee Tech University, Cookeville, Tennessee.

- Kuhajda, B.**, M. Piteo, P. Hartfield, G. Jordan, E. Heist. 2016. Morphological and genetic variation in lower Mississippi River *Scaphirhynchus*, part 1: morphological discrimination among Pallid, Shovelnose, and intermediate sturgeon phenotypes. Lower Basin Pallid Sturgeon Work Group, Cape Girardeau, MO.
- Kuhajda, B.R.** 2015. From genes to ecosystems: conserving and restoring southeastern aquatic biodiversity. Department of Biology, Tennessee Technology University, Cookeville, Tennessee.
- Kuhajda, B.R., D.A. Neely, A.L. George and S.C. Hazzard.** 2015. Status of and threats to the Laurel Dace, *Chrosomus saylori*, endemic to Walden Ridge, Tennessee. 4th Annual Watershed Symposium, University of Tennessee, Knoxville, Tennessee.
- Ennen, J.R.** 2015. Turtles and Salamanders: The Southeastern Perspective. Guest Lecturer in Non-Major Biology Class. University of Tennessee at Chattanooga. Chattanooga, Tennessee.
- Kuhajda, B.R.** 2015. From Genes to Ecosystems: Conserving and Restoring Southeastern Aquatic Biodiversity. Guest Lecturer in Non-Major Biology Class. University of Tennessee at Chattanooga. Chattanooga, Tennessee.
- Kuhajda, B.R.** 2015. Imperiled Aquatic Critters in Alabama: Surprises Around Every Bend in the River. Birmingham Audubon Society. Birmingham, Alabama.
- Kuhajda, B.R.** 2015. Lake Sturgeon to Cave Shrimp: Conserving and Restoring Aquatic Biodiversity. Arkansas State University. Jonesboro, Arkansas.
- Ennen, J.R.** 2015. Can renewable energy developments and wildlife coexist? Department of Biological and Environmental Sciences, University of Tennessee at Chattanooga, Chattanooga, Tennessee.
- George, A.L.** 2014. Marco...? Detecting and conserving imperiled freshwater fishes. Department of Biological and Environmental Sciences, University of Tennessee at Chattanooga, Chattanooga, Tennessee.
- Kuhajda, B.R.** 2014. Alabama's Aquatic Wonders. Tribute to Dr. E.O. Wilson, University of Alabama, Tuscaloosa, Alabama.
- Kuhajda, B.R.** 2013. From genes to ecosystems: conserving and restoring southeastern aquatic biodiversity. Department of Biology, Western Carolina University, Cullowhee, North Carolina.
- Kuhajda, B.R.** 2013. Aspects of systematics, genetics, and speciation of southeastern freshwater fishes. Guest lecturer in Ichthyology class BIOL 4650, University of Tennessee-Chattanooga, Chattanooga, Tennessee.
- Kuhajda, B.R.** 2013. Aquatic life in the southeastern US. Guest lecture Dalton Science Café, Dalton, Georgia.
- George, A.L.** 2012. Our watershed moment: what does freshwater conservation look like and how do we achieve it? Greenbag Lunch Seminar Series, North Dakota State University.
- George, A.L.** 2012. An ounce of preservation is worth 150,000 pounds of mud: restoring fish habitat in the Conasauga River Drainage. Mountain Lake Biological Station, University of Virginia.
- George, A.L.** 2012. Our watershed moment: what does freshwater conservation look like and how do we achieve it? Consultative Group on Biological Diversity, 25th Annual Meeting.
- George, A.L.** 2012. From genes to ecosystems: conserving and restoring southeastern aquatic biodiversity. Department of Biology, Roanoke College.
- Kuhajda, B.R.** 2012. Groundwater-dependant species: highly endemic (or not). Department of Biological and Environmental Sciences, University of Tennessee at Chattanooga, TN.
- George, A.L.** 2011. We all live downstream: conserving and restoring southeastern aquatic ecosystems. Department of Biology, Randolph-Macon College.

- George, A.L.** 2010. From genes to ecosystems: conservation tools used in the recovery of freshwater biodiversity. Department of Biological and Environmental Sciences, University of Tennessee at Chattanooga.
- George, A.L.** 2008. Historical Vicariance and Contemporary Fragmentation: Conservation of the Tennessee River Ichthyofauna. Warnell School of Forestry and Natural Resources, University of Georgia.
- George, A.L.** 2008. From genes to ecosystems: Conservation of endangered aquatic species at the Tennessee Aquarium. Department of Environmental Studies, Emory University.
- George, A.L.** 2008. Conservation Tools Used in the Recovery of Endangered Aquatic Species. Biology/Allied Health Department, Southern Adventist University.

PRESENTATIONS

- Watson, R.A., B.L. Fluker, and **B.R. Kuhajda**. 2019. Taxonomic evaluation of the Goldstripe Darter, *Etheostoma parvipinne*, using species delimitation methods with molecular and morphological data. 45th Annual Meeting of the Southeastern Fishes Council, Knoxville, TN.
- Sweat, S.C.** 2019. Using machine learning to create a suitability model for the Laurel Dace, *Chrosomus saylori*. 45th Annual Meeting of the Southeastern Fishes Council, Knoxville, TN.
- Canada, H.K., **M.T. Perkins, A.L. George, B.R. Kuhajda**, and B.L. Fluker. 2019. Population genetic assessment of the endangered Cumberland Darter (*Etheostoma susanae*). 45th Annual Meeting of the Southeastern Fishes Council, Knoxville, TN.
- Kuhajda, B., and S. Mitchell.** 2019. Some federally threatened darters we have known: Goldlines and Trispots in the upper Coosa. Upper Coosa Conservation Summit, Kennesaw, GA.
- Mitchell, S., and B. Kuhajda.** 2019. Monitoring for the Blue Shiner (*Cyprinella caerulea*) in the Mobile Basin. Upper Coosa Conservation Summit, Kennesaw, GA.
- Agha, M., **J.R. Ennen**, and B.D. Todd. 2019. Use of saline environments by freshwater turtles: implications of sea level rise. Turtle Survival Alliance, Tucson, Arizona.
- Kuhajda, B., S. Sweat, G. Gavrielides, A. George, J. Patterson, C. Quinn, J. Powell, M. Lunn, and R. Brown.** 2019. What fishes are in your backyard? Use the Freshwater Information Network (FIN) to discover southeastern fishes near you. 46th Annual Southeastern Water Pollution Biologist Association meeting, Chattanooga, TN.
- Niemiller, M.L., A. Hinkle, B.D. Jones, **B.R. Kuhajda**, J. Lamb, K.D. K. Niemiller, C.D.R. Stephen, K.S. Zigler, and A.S. Engel. 2019. Subterranean biodiversity in Alabama: addressing knowledge gaps through new bioinventory efforts. National Speleological Society Convention, Cookeville, TN.
- Cragg, S.L., **J.R. Ennen, S.M. Mitchell**, K.K. Cecala, and J.M. Davenport. 2019. Cohabitation patterns between stream salamanders and crayfish in the southern Appalachians. 25th Annual Meeting of the Tennessee Herpetological Society, Gray, Tennessee.
- Kuhajda, B.R.** 2019. Conserving smart: an ounce of preservation is worth a pound of restoration. Association of Zoos and Aquariums, New Orleans, Louisiana.
- Kuhajda, B.R.** 2019. Preserving and restoring aquatic biodiversity of northwest Georgia and southeast Tennessee. 1st International Conservation Symposium, Dalton, Georgia.
- Harris, M.H.** 2019. Captive Propagation of a Federally Endangered Species, the Laurel Dace (*Chrosomus saylori*). Regional Aquatics Workshop, Columbus, OH.
- Kuhajda, B.R., B.L. Fluker, and M.S. Piteo.** 2019. Genetics and the conservation status of the Trispot Darter, *Etheostoma trisella*, a recently federally listed species endemic to the Coosa River drainage. 2019 Georgia Water Resources Conference, Athens, GA.

- Mitchell, S.M. and B.R. Kuhajda.** 2019. Studying life history of the Tennessee Dace (*Chrosomus tennesseensis*) to determine the best conservation practices for the endangered Laurel Dace (*Chrosomus saylori*). Southern Division of the American Fisheries Society, Galveston, TX.
- Sweat, S.C., B.R. Kuhajda, G. Gavrielides, A.L. George, J. Patterson, C. Quinn, J. Powell, M. Lunn, and R. Brown.** 2019. Use the Freshwater Information Network (FIN) to share your Southeastern fish encounters with others. Southern Division of the American Fisheries Society, Galveston, TX.
- Walker, E., K. Cecala, J.R. Ennen, and J. Davenport.** 2019. Exploring mechanisms regulating interspecific interactions in headwater vertebrate communities. Southeastern Partnership of Amphibian and Reptile Conservation, Black Mountain, NC.
- Davenport, J., K. Cecala, D. Garig, S. Hyder, L. Recker, R. Colvin, J. Denison, A. Feltmann, M. Herrboldt, C. Weible, T. Simmonds, and J.R. Ennen.** 2019. Alligator snapping turtles (*Macrochelys temminckii*): Where are they now in West Tennessee. Southeastern Partnership of Amphibian and Reptile Conservation, Black Mountain, NC.
- Mitchell S.M., B.R. Kuhajda and J.B. Alford.** 2019. Studying life history of the Tennessee Dace (*Chrosomus tennesseensis*) to determine the best conservation practices for the endangered Laurel Dace (*Chrosomus saylori*). Tennessee Chapter of the American Fisheries Society, Chattanooga, TN.
- Sweat, S.C., B.R. Kuhajda, G. Gavrielides, A.L. George, J. Patterson, C. Quinn, J. Powell, M. Lunn, and R. Brown.** 2019. The Freshwater Information Network (FIN): a way to share your Southeastern fish encounters with others. Tennessee Chapter of the American Fisheries Society, Chattanooga, TN.
- Harris, M.** 2019. Coded Wire Tags & Electrosense: Does CWT impair Lake Sturgeon electroreception and its role in locating prey? Tennessee Chapter of the American Fisheries Society, Chattanooga, TN.
- Harris, M.H.** 2018. Captive Propagation of a Federally Endangered Species, the Laurel Dace, *Chrosomus saylori*. 44th Annual Meeting of the Southeastern Fishes Council, McCormick, South Carolina.
- Mitchell, S.M., and B.R. Kuhajda.** 2018. Studying life history of the Tennessee Dace (*Chrosomus tennesseensis*) to determine the best conservation practices for the endangered Laurel Dace (*Chrosomus saylori*). 44th Annual Meeting of the Southeastern Fishes Council, McCormick, South Carolina.
- Kuhajda, B., S.C. Sweat, G. Gavrielides, A. George, J. Patterson, C. Quinn, J. Powell, M. Lunn, R. Brown.** 2018. Sharing is caring: use the Freshwater Information Network (FIN) to share your southeastern fish encounters with others. 44th Annual Meeting of the Southeastern Fishes Council, McCormick, South Carolina.
- Ennen, J.R., and S. Mitchell.** 2018. Keeping the Ball Rolling: The Role of Facilities and Maintenance Staff in Conservation Efforts. Aquarium and Zoo Facilities Association Conference, Washington, DC.
- George, A.L.** 2018. River Reflections: Charting our Freshwater Conservation Mission at the Tennessee Aquarium. Association of Zoos and Aquariums, Seattle, Washington.
- Sweat, S.C., B. Kuhajda, G. Gavrielides, C. Quinn, A. George, J. Powell, M. Lunn, R. Brown.** 2018. Freshwater Information Network (FIN): An interactive application to engage fisheries professionals and citizen scientists in the Southeast. 148th Annual Meeting of the American Fisheries Society, Atlantic City, New Jersey.
- George, A. L., S. C. Sweat, B. Kuhajda, D. Elkins, S. Wenger.** 2018. A recovery strategy prioritizing freshwater species of greatest conservation need in watersheds of the Southeastern United States. 148th Annual Meeting of the American Fisheries Society, Atlantic City, New Jersey.

- Kuhajda, B.R.**, M. Piteo, P. Hartfield, G. Jordan, E. Heist, and G. Moyer. 2018. Morphological and genetic variation in lower Mississippi River Scaphirhynchus Part 1: morphological discrimination among Pallid, Shovelnose, and intermediate Sturgeon phenotypes. 148th Annual Meeting of the American Fisheries Society, Atlantic City, New Jersey.
- E. Heist, J. Doias, P. Hartfield, G. Jordan, G. Moyer, and **B.R. Kuhajda**. 2018. Morphological and genetic variation in lower Mississippi River Scaphirhynchus Part 2: congruence between morphological and genetic assignments with perspectives on hybridization. 148th Annual Meeting of the American Fisheries Society, Atlantic City, New Jersey.
- Averill-Murray, R.C., J.E. Lovich, M. Agha, **J.R. Ennen**, and M. Austin. 2018. Variation in annual clutch phenology of Sonoran desert tortoises (*Gopherus morafkai*) in Central Arizona. Turtle Survival Alliance, Fort Worth, Texas.
- Ennen, J.R.** 2018. Overview of the turtle research at the Tennessee Aquarium Conservation Institute. Turtle Survival Alliance, Fort Worth, Texas.
- Ennen, J.R.**, D. Garig, and J. Davenport. 2018. Can temporary visits from a common snapping turtle cause legacy effects in freshwater food webs? Turtle Survival Alliance, Fort Worth, Texas.
- Godwin, J. and **J.R. Ennen**. 2018. Map turtle (*Graptemys*) studies in Alabama. Turtle Survival Alliance, Fort Worth, Texas.
- Lovich, J.E., **J.R. Ennen**, M. Agha, and J.W. Gibbons. 2018. Where have all the turtles gone, and why does it matter? Turtle Survival Alliance, Fort Worth, Texas.
- Mitchell, S.M., and B.R. Kuhajda**. 2018. Population Status and Life History of the Federally Endangered Laurel Dace, *Chrosomus saylori*. 98th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Rochester, New York.
- Harris, M. H.** 2018. Investigation Of Antimicrobial Advantages Of Parental Care In Madtom Catfishes. Eastern Fish Health Workshop in Chattanooga, Tennessee.
- Sweat, S.C.** 2018. Freshwater Information Network (FIN): An online reporter to engage citizens and scientists. 26th Annual Meeting of the Tennessee Geographic Information Council, Burns, Tennessee.
- Eubanks, S., and H. Wise.** 2018. Conservation data in the classroom. Environmental Educators Alliance, Helen, Georgia.
- Wise, H.** 2018. River teachers: a model in educator professional development. Green Schools Summit, Chattanooga, Tennessee.
- Mitchell, S.M., A.R. Holsopple, K.C. Benesh, F. Serrano and B.R. Kuhajda.** 2017. Population Status and Microhabitat Preferences of the Federally Endangered Laurel Dace, *Chrosomus saylori*. 43rd Annual Meeting of the Southeastern Fishes Council, Chattanooga, Tennessee 2017.
- Sweat, S.C., B. Kuhajda, G. Gavrielides, C. Quinn, A. George, J. Powell, M. Lunn, J. Medley.** 2017. Freshwater Information Network (FIN): A freshwater species database for the Southeastern United States. 43rd Annual Meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- Elkins, D., **S.C. Sweat, B. Kuhajda, A. George,** and S. Wenger. 2017. Parks, arks, and remarks: conservation lands and southeastern aquatic biodiversity priorities. 43rd Annual Meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- Sweat, S.C., D. Elkins, B. Kuhajda, G. Gavrielides, C. Quinn, S. Wenger, A. George.** 2017. Aquatic Conservation at Different Spatial Scales. 25th Annual Meeting of the Organization of Fish and Wildlife Information Managers, Chattanooga, Tennessee.
- Ennen, J.R.** 2017. Overview of turtle research at the Tennessee Aquarium. Turtle Survival Alliance Conference, Charleston, South Carolina.

- Ennen, J.R.**, M. Agha, J.E. Lovich, C. Drost, M. Puffer, and P.C. Rosen. 2017. Habitat-associated morphology divergence physically constrains reproductive output in a mud turtle. Turtle Survival Alliance Conference, Charleston, South Carolina.
- Mitchell, S.M., B.R. Kuhajda**, M.A. Kulp, D. Kazyak, J. Henegar, T. King and **A.L. George**. 2017. Assortative mating in a headwater Appalachian stream: a case study from the Great Smoky Mountains National Park. 97th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Austin, Texas.
- Sweat, S.C.**, D.C. Elkins, **B.R. Kuhajda**, **A.L. George**, S.J. Wenger. 2017. Conservation Planning for Southeastern Aquatic Biodiversity. Alabama Crayfish and Mussel Meeting, Eufaula, Alabama.
- George, A.L.**, Elkins, D.C., **Sweat, S.C.**, **Kuhajda, B.R.**, Hill, K.S., and Wenger, S.J. 2017. Conservation planning for southeastern aquatic biodiversity. National Fish and Wildlife Foundation Forestland Stewards Conference, Nashville, Tennessee.
- Mitchell, S.M., B.R. Kuhajda, F. Serrano***, and **K.C. Benesh***. 2017. Microhabitat Preferences of the Federally Endangered Laurel Dace, *Chrosomus saylori*. Tennessee American Fisheries Society Annual Meeting, Knoxville, Tennessee.
- Elkins, D, **A.L. George**, **S.C. Hazzard**, **B. Kuhajda**, and S.J. Wenger. 2016. The southeastern aquatic biodiversity conservation strategy. Cumberland Plateau, Interior Low Plateaus, Coastal Plain, and Mississippi Alluvial Valley National Forest At-risk Species Workshop, Frankfort, Kentucky.
- Garig, D.F., J.M. Davenport, **J.R. Ennen**, R.L. Colvin, J.S. Dennison, A.J. Feltmann, **M.A. Herrboldt**, and C.M. Weible. 2016. Preliminary survey of two west Tennessee River drainages results in two population of the Alligator Snapping Turtle (*Macrochelys temminckii*). Tennessee Herpetological Society, Knoxville, Tennessee.
- George, A.L.** 2016. Just add water: bringing freshwater education into the classroom with virtual reality. Aquarium Plastic Pollution Symposium: Opportunities to Advance Solutions, Monterey Bay, California.
- George, A.L.**, D.C. Elkins, **S.C. Hazzard**, **B.R. Kuhajda**, and S.J. Wenger. 2016. Conservation planning for southeastern aquatic biodiversity. Tennessee Endangered Mollusk Meeting, Nashville, Tennessee.
- Herrboldt, M.A.***, C.M. Weible, D.F. Garig, A.J. Feltman, R.L. Colvin, J.S. Dennison, **J.R. Ennen**, J.M. Davenport, and R.L. Brasso. 2016. Mercury concentrations in three freshwater turtle species of West Tennessee. Tennessee Herpetological Society, Knoxville, Tennessee.
- Kuhajda, B.R.** 2016. Snail Darter data collection. Snail Darter Technical Team Meeting, Chattanooga, Tennessee.
- Kuhajda, B.** 2016. Comparing scientific uncertainties among seven at-risk darters. 42nd Annual Meeting of the Southeastern Fishes Council, Jackson, Mississippi.
- Jones, K., B.L. Fluker, and **B.R. Kuhajda**. 2016. Conservation genetics of the undescribed Blueface Darter (*Etheostoma* sp. cf. *zonistium*), a rare fish in northwest Alabama. 42nd Annual Meeting of the Southeastern Fishes Council, Jackson, Mississippi.
- Sweat, S.**, D. Elkins, **B. Kuhajda**, **A. George**, and S. Wenger. 2016. Conservation planning for southeastern aquatic biodiversity. 42nd Annual Meeting of the Southeastern Fishes Council, Jackson, Mississippi.
- Garig, D.F., **J.M. Davenport**, **J.R. Ennen**, R.L. Colvin, J.S. Dennison, A.J. Feltmann, **M.A. Herrboldt**, and C.M. Weible. 2016. Preliminary survey of two west Tennessee River drainages results in two population of the Alligator Snapping Turtle (*Macrochelys temminckii*). Tennessee Herpetological Society, Knoxville, Tennessee.

- Herrboldt, M.A.**, C.M. Weible, D.F. Garig, A.J. Feltman, R.L. Colvin, J.S. Dennison, **J.R. Ennen**, **J.M. Davenport**, and R.L. Brasso. 2016. Mercury concentrations in three freshwater turtle species of West Tennessee. Tennessee Herpetological Society, Knoxville, Tennessee.
- George, A.**, D.C. Elkins, **S.C. Hazzard**, **B.R. Kuhajda**, and S. Wenger. 2016. Conservation planning for southeastern aquatic biodiversity. Tennessee River Biodiversity Network Meeting, Chattanooga, TN.
- Lovich, J.E., M. Agha, D. Delaney, and **J.R. Ennen**. 2016. Recent findings from 20 years of research on Agassiz's desert tortoises at an operating wind energy facility. Desert Symposium.
- Elkins, D.C., **A.L. George**, **S.C. Hazzard**, **B.R. Kuhajda**, and S.J. Wenger. 2016. The southeastern aquatic biodiversity conservation strategy. Annual Mollusk and Crayfish Meeting, Fort Payne, AL.
- Jones, K., B. Fluker, and **B.R. Kuhajda**. 2016. Conservation genetics of the Blueface Darter (*Etheostoma* sp. cf. *zonistium*), a rare undescribed fish in northwest Alabama. 96th Annual Meeting of the American Society of Ichthyologists and Herpetologists, New Orleans, LA.
- George, A.L.**, D.C. Elkins, **S.C. Hazzard**, **B.R. Kuhajda**, and S. Wenger. 2016. Conservation planning for southeastern aquatic biodiversity. 96th Annual Meeting of the American Society of Ichthyologists and Herpetologists, New Orleans, LA.
- Elkins, D.C., **A.L. George**, **S.C. Hazzard**, **B.R. Kuhajda**, and S. Wenger. 2016. Who follows the fish? Patterns in the fishes, mussels, and crayfishes of the Southeast. 96th Annual Meeting of the American Society of Ichthyologists and Herpetologists, New Orleans, LA.
- Elkins, D.C., **A.L. George**, **S.C. Hazzard**, **B.R. Kuhajda**, and S.J. Wenger. 2016. The southeastern aquatic biodiversity conservation strategy. Cumberland Plateau, Ridge & Valley, and Northern Piedmont National Forest At-risk Species Workshop, Asheville, NC.
- Elkins, D.C., **A.L. George**, **S.C. Hazzard**, **B.R. Kuhajda**, and S.J. Wenger. 2016. The southeastern aquatic biodiversity conservation strategy. Mississippi and north-central Alabama public lands At-risk Species Workshop, Jackson, MS.
- Kuhajda, B.**, and K. Roe. 2016. Status of cave shrimp in Alabama. Annual Mollusk and Crayfish Meeting, Fort Payne, AL.
- Ennen, J.R.**, J.M. Davenport, and **K.F. Alford**. 2015. Interspecific competition among headwater stream vertebrates. Tennessee Herpetological Society, Savannah, Tennessee.
- Fluker, B., and **B.R. Kuhajda**. 2015. Testing predictions of peripatric speciation in the Mobile Basin of the southeastern United States. American Society of Ichthyologists and Herpetologists, Reno, Nevada.
- Heist, E., J. Eichelberger, P. Hartfield, G. Jordan, and **B.R. Kuhajda**. 2015. Morphological and genetic variation in lower Mississippi River Scaphirhynchus Part 2: congruence between morphological and genetic assignments with perspectives on hybridization. American Society of Ichthyologists and Herpetologists, Reno, Nevada.
- Kuhajda, B.**, M. Piteo, P. Hartfield, G. Jordan, and E. Heist. 2015. Morphological and genetic variation in lower Mississippi River Scaphirhynchus Part 1: morphological discrimination among Pallid, Shovelnose, and intermediate Sturgeon phenotypes. American Society of Ichthyologists and Herpetologists, Reno, Nevada.
- Kuhajda, B.R.** 2015. Systematics and population genetics of urban darters in the greater Birmingham metropolitan area. USFWS Urban Darter Meeting, Birmingham, Alabama.
- Kuhajda, B.R.** 2015. Collection methods for the endangered Watercress Darter *Etheostoma nuchale*. USFWS Urban Darter Meeting, Birmingham, Alabama.
- Ennen, J.R.**, W. Matamoros, **S.C. Hazzard**, M. Agha, J.E. Lovich. 2015. The where and why of North American turtles: An explanation of species richness patterns. Association of Southeastern Biologists, Chattanooga, Tennessee.

- Ennen, J.R.,** W. Matamoros, **S.C. Hazzard,** M. Agha, J.E. Lovich. 2015. The where and why of North American turtles: An explanation of species richness patterns. Tennessee Chapter American Fisheries Society, Chattanooga, Tennessee
- Kuhajda, B.R., D.A. Neely, A.L. George, S.C. Hazzard.** 2015. Status of and threats to the Laurel Dace, *Chrosomus saylori*, endemic to Walden Ridge, Tennessee. Tennessee Chapter American Fisheries Society, Chattanooga, Tennessee.
- Farnsley, S., **B.R. Kuhajda, A.L. George,** and H. Klug. 2015. Overcoming Evolutionary History: Conditioning the Barrens Topminnow to Escape an Evolutionary Trap. Tennessee Chapter American Fisheries Society, Chattanooga, Tennessee.
- Kuhajda, B.R., D.A. Neely, A.L. George, S.C. Hazzard.** 2015. The Laurel Dace, *Chrosomus saylori*: Survey results for an endangered species endemic to Walden Ridge, Tennessee. Southern Division American Fisheries Society, Savannah, Georgia.
- Kuhajda, B.R., D.A. Neely, A.L. George, S.C. Hazzard.** 2014. Status of and threats to the Laurel Dace, *Chrosomus saylori*, endemic to Walden Ridge, Tennessee. 40th Annual Meeting of the Southeastern Fishes Council, Asheville, North Carolina.
- Henegar, J., J. Habera, **K.F. Alford,** J. Herrig, D. Teague, and T. Johnson. 2014. Chronicles of Southern Appalachian Brook Trout Restoration in Tennessee: Past, Present and Future. 40th Annual Meeting of the Southeastern Fishes Council, Asheville, North Carolina.
- Ennen, J.R.,** M. Kalis, A. Patterson, B. Kreiser, J. Lovich, J. Godwin, and C. Qualls. 2014. Intradrainage Morphological and Pigmentation Variation and the Potential for Sexual Dichromatism Within Several *Graptemys* Species. 94th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Chattanooga, Tennessee.
- Saidak, C., M. Cantrell, C. Echevarria, **K. Alford,** J. Henegar, and **B.R. Kuhajda.** 2014. Movement patterns of Lake Sturgeon (*Acipenser fulvescens*) in the upper Tennessee River. 94th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Chattanooga, Tennessee.
- K.F. Alford, A.L. George, B.R. Kuhajda,** and **D. A. Neely.** 2014. Conservation genetics and population status of the Flame Chub, *Hemitemia flammea*. Southern Division American Fisheries Society. Charleston, South Carolina.
- K.F. Alford,** T.D. Demas, and **A.L. George.** 2014. Using recirculation aquaculture for reintroduction of native species at the Tennessee Aquarium Conservation Institute. Tennessee Chapter American Fisheries Society. Pickwick, Tennessee.
- George, A.L., B.R. Kuhajda,** and **D.A. Neely.** 2013. Status, distribution, and recovery recommendations for the Laurel Dace, *Chrosomus saylori*, endemic to Walden Ridge, Tennessee. 93rd Annual Meeting of the American Society of Ichthyologists and Herpetologists, Albuquerque, NM. Joint Meeting of Ichthyologists and Herpetologists, Albuquerque, New Mexico.
- B.R. Kuhajda** and **D. Neely.** 2013. Status of the Barrens Topminnow, *Fundulus julisia*. 93rd Annual Meeting of the American Society of Ichthyologists and Herpetologists, Albuquerque, New Mexico.
- K.F. Alford,** T.D. Demas, **A.L. George** and **B.R. Kuhajda.** 2013. Southern Appalachian Brook Trout Propagation Program at the Tennessee Aquarium Conservation Institute. NANFA, Corbin, Kentucky.
- Rakes, P.L., **A.L. George, B.R. Kuhajda,** J.D. Williams, M.A. Cantrell, and J.R. Shute. 2013. Guidelines for propagation and translocation for freshwater fish conservation: summary principles and examples from southeastern fish species restoration projects. World Aquaculture Society, Nashville, Tennessee.

- Henegar, J., **K.F. Alford**, M.A. Cantrell, C. Echevarria, **A.L. George**, and **B.R. Kuhajda**. 2013. Development of the Tennessee River Lake Sturgeon (*Acipenser fulvescens*) Management Plan and Working Group. World Aquaculture Society, Nashville, Tennessee.
- Alford, K.F.**, M.A. Cantrell, C. Echevarria, **A.L. George**, J. Henegar, D. Matthews, G. Moyer, and **B.R. Kuhajda**. 2013. Development of the Tennessee River Lake Sturgeon Management Plan and Working Group. American Fisheries Society, Southern Division, Nashville, Tennessee.
- Collins, E.R.**, **B.R. Kuhajda**, and **A.L. George**. 2013. Freshwater Information Network: facilitating data sharing for southeastern aquatic conservation. American Fisheries Society, Southern Division, Nashville, Tennessee.
- B.R. Kuhajda** and **D.A. Neely**. 2013. Conservation status of the Barrens Topminnow *Fundulus julisia*, an imperiled spring endemic. 39th Annual Meeting of the Southeastern Fishes Council, Lake Guntersville, Alabama.
- Alford, K.**, **A.L. George**, **B.R. Kuhajda**, and **D.A. Neely**. 2013. Conservation genetics and population status of the Flame Chub, *Hemitremia flammea*. 39th Annual Meeting of the Southeastern Fishes Council, Lake Guntersville, Alabama.
- Alford, K.F.**, M.A. Cantrell, C. Echevarria, **A.L. George**, J. Henegar, **B.R. Kuhajda**, D. Matthews, and G. Moyer. 2012. Evaluation of the Tennessee Lake Sturgeon (*Acipenser fulvescens*) reintroduction and management plan. 38th Annual Meeting of the Southeastern Fishes Council, New Orleans, Louisiana.
- Collins, E.R.**, **B.R. Kuhajda**, and **A.L. George**. 2012. Freshwater Information Network: utilizing underutilized distributional data for aquatic conservation. 38th Annual Meeting of the Southeastern Fishes Council, New Orleans, Louisiana.
- Fluker, B.L., **B.R. Kuhajda**, and P.M. Harris. 2012. The effect of reservoirs on gene flow in stream fishes revisited: analysis of two species from the Tallapoosa River system in Alabama. 38th Annual Meeting of the Southeastern Fishes Council, New Orleans, Louisiana.
- George, A.L.** and A.S. Rosenberg. 2012. We all live downstream: engaging teens in aquatic conservation at the Tennessee Aquarium. North American Congress for Conservation Biology, Oakland, California.
- Piteo, M.S., B.L. Fluker, and **B.R. Kuhajda**. 2012. Evaluation of breeding site fidelity in the imperiled Trispot Darter, *Etheostoma trisella*. 92nd Annual Meeting of the American Society of Ichthyologists and Herpetologists, Vancouver, British Columbia, Canada.
- B.R. Kuhajda**. 2012. North River Mine slurry spill - environmental impact assessment. 2012 Alabama Mining Institute, Vance, Alabama.
- K.F. Alford**, **A.L. George**, **D.A. Neely** and J. Shaw. 2012. Population genetics of the Flame Chub, *Hemitremia flammea*. NANFA, Cambridge, Ohio.
- Rider, S.J., **B.R. Kuhajda**, and J. Powell. 2012. Status and recovery efforts for the Alabama Sturgeon. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota.
- Johnson, R., and **B.R. Kuhajda**. 2012. The July 15, 2011 North River Mine coal slurry spill - causes, effects, remediation and recovery. 26th Annual Alabama Water Resources Conference, Orange Beach, Alabama.
- K.F. Alford**, **A.L. George**, **D.A. Neely** and J. Shaw. 2012. Population genetics of the Flame Chub, *Hemitremia flammea*. Association of Southeastern Biologists, Athens, Georgia.
- Alford, K.F.**, **A.L. George**, and **D.A. Neely**. 2011. Population status and conservation genetics of the flame chub, *Hemitremia flammea*. 37th Annual meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- Albanese, B., **A.L. George**, W. Ensign, **D.A. Neely**, K. Owens, and J.B. Smith. 2011. Monitoring rare fishes in north Georgia: what are we gaining from shocking, snorkeling, and seining? 37th Annual meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.

- Rakes, P., **A.L. George**, R. Goodloe, G. Moyer, M. Petty, C. Ruble, and J.R. Shute. 2011. Best practices for captive propagation and reintroduction programs using the Conasauga logperch as a case study. 37th Annual meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- George, A.L., L.S. Friedlander**, and M.J. Hamilton. 2011. We All Live Downstream: Engaging Partners and Visitors in Freshwater Conservation Programs. Association of Zoos and Aquariums, Atlanta, Georgia.
- George, A.L.**, B. Albanese, **D.A. Neely**, L.S. Friedlander, K.A. Owers, and J.B. Smith. 2011. Spring habitat restoration in the Conasauga River Drainage for endemic fishes. 91st Annual Meeting of the American Society of Ichthyologists and Herpetologists, Minneapolis, Minnesota.
- George, A.L.**, B. Albanese, **D.A. Neely**, L.S. Friedlander, K.A. Owers, and J.B. Smith. 2010. Stuck in the Mud: Spring Restoration to Improve Fish Habitat in the Conasauga River Drainage. American Fisheries Society, Pittsburgh, Pennsylvania.
- George, A.L.**, B.R. Kuhajda, J.D. Williams, M. Cantrell, P.L. Rakes, and J.R. Shute. 2010. Guidelines for propagation, translocation, reintroduction, and augmentation for freshwater fish conservation. American Fisheries Society, Southern Division, Asheville, North Carolina
- Friedlander, L.S.** and **A.L. George**. 2009. Fulfilling our mission? Evaluating the impact of aquariums and zoos in freshwater conservation. American Fisheries Society, Nashville, Tennessee.
- George, A.L.** and **D.A. Neely**. 2009. Conserving genetic diversity in isolated populations: perspectives from a headwater minnow, the Tennessee dace, *Phoxinus tennesseensis*. American Fisheries Society, Nashville, Tennessee.
- George, A.L.**, **D.A. Neely**, M. Hagler, and B.J. Freeman. 2008. SFC Desperate Dozen: Conasauga Logperch (*Percina jenkinsi*). 36th Annual meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- George, A.L.** 2008. Conservation genetics in the Conasauga: Case studies of Blue Shiners and Conasauga Logperch, Conasauga Summit, Rome, Georgia.
- Friedlander, L.S.**, **A.L. George**, C. Echevarria, G. Scholten, E. Scott, and T. Sinclair. 2007. Scutes away: Lessons learned from Tennessee's Lake Sturgeon restoration program, 35th Annual Meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- George, A.L.** and **D.A. Neely**. 2007. Phylogeography of the Northern Logperch, *Percina caprodes semifasciata*, American Society of Ichthyologists and Herpetologists, St. Louis, Missouri.
- De Los Santos Camarillo, A.B., F.J. García de León, **A.L. George**, I. Barriga Sosa, R.L. Mayden, J.L. Nielsen, J. Brooks, F. Camarena Rosales, H. Espinosa-Pérez, L. Findley, D.A. Hendrickson, B.R. Kuhajda, D.A. Neely, D. Propst, G. Ruiz Campos, E. St. Clair, J. Tomelleri, A. Varela Romero, G. Zamora Balbuena. 2007. How many species of native Mexican trout are there? An assessment by microsatellite-based multilocus phylogeny, 87th Annual Meeting of the American Society of Ichthyologists and Herpetologists, St. Louis, Missouri.
- George, A.L.** and R.L. Mayden. 2007. The delineation of biological species in taxonomy and phylogenetic systematics: An interesting paradox affecting conservation actions. Society for Conservation Biology, Port Elizabeth, South Africa.
- George, A.L.** 2007. Conservation genetics of the Blotchside Logperch, *Percina burtoni*. Tennessee Rare Fishes Meeting, Morristown, Tennessee.

POSTERS

- Warren, M., B. Burr, T. Echelle, **B. Kuhajda**, and S. Ross. 2019. Coming soon: Volume 2 of Freshwater Fishes of North America. 45th Annual Meeting of the Southeastern Fishes Council, Knoxville, TN.
- Jeffers, K., S. M. Mitchell**, B. Alford. Using otoliths to age a population of Tennessee Dace in southeast Tennessee. 44th Annual Meeting of the Southeastern Fishes Council, McCormick, South Carolina.
- Jones, K., M. Sandel, and **B.R. Kuhajda**. 2018. Using genomics and eDNA methods to assess the conservation and future management of the endemic Coal Darter *Percina brevicauda*. 44th Annual Meeting of the Southeastern Fishes Council, McCormick, SC.
- Sweat, S.C., B. Kuhajda, G. Gavrielides, J. Patterson, C. Quinn, A. George**, J. Powell, M. Lunn, R. Brown. 2018. Engaging scientists and citizens scientists using the Freshwater Information Network. 44th Annual Meeting of the Southeastern Fishes Council, McCormick, South Carolina.
- Watson, R.A., B.L. Fluker, and **B.R. Kuhajda**. 2018. Taxonomic evaluation of the Goldstripe Darter *Etheostoma parvipinne*, using species delimitation methods with molecular and morphological data. Southeastern Fishes Council, McCormick, SC.
- Kuhajda, B. R., S. C. Sweat, G. Gavrielides, A. George**, J. Powell, M. Lunn, R. Brown. 2018. Freshwater Information Network (FIN): Merging natural history and living museums to reflect fish distributions in the Southeastern United States. 98th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Rochester, New York.
- Gavrielides, G., S.C. Sweat, B. Kuhajda, G., C. Quinn, A. George**, J. Powell, M. Lunn, J. Medley. 2017. Freshwater Information Network (FIN): Using GIS to Connect Scientists with Each Other and the Conservation Community. 25th Annual Meeting of the Organization of Fish and Wildlife Information Managers, Chattanooga, Tennessee.
- Gavrielides, G., S.C. Sweat, B. Kuhajda, C. Quinn, A. George**, J. Powell, M. Lunn, J. Medley. 2017. Freshwater Information Network (FIN): A User-Friendly Webpage for Recording and Sharing Field Data. 43rd Annual Meeting of the Southeastern Fishes Council, Chattanooga, Tennessee.
- Mitchell, S.M., A.R. Holsopple, K.C. Benesh, F. Serrano** and **B.R. Kuhajda**. 2017. Laurel Dace (*Chrosomus saylori*) Microhabitat Preferences and Diet Competition with Non-native Species. 97th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Austin, Texas.
- Mitchell, S., K. Benesh, F. Serrano**, and **B. Kuhajda**. 2016. Laurel Dace (*Chrosomus saylori*) microhabitat preferences and diet competition with non-native species in its historical range. 42nd Annual Meeting of the Southeastern Fishes Council, Jackson, Mississippi.
- Mitchell, S.M., J.R. Ennen**, K.K. Cecala, **M.L. Hoffacker**, and J.M. Davenport. 2016. Pit-tag Retention and Behavior Characteristics of Desmognathus Species in Recirculating Artificial Streams. 96th Annual Meeting of the American Society of Ichthyologists and Herpetologists, New Orleans, LA.
- Elkins, D.C., **A.L. George, S.C. Hazzard, B.R. Kuhajda**, and S.J. Wenger. 2015. The Southeastern Aquatic Biodiversity Conservation Strategy. 41st Annual Meeting of the Southeastern Fishes Council, Gainesville, FL.
- Hazzard, S.C., B.R. Kuhajda, A.L. George**, J. Powell, M. Lunn, J. Medley, D. Samples, and C. Bennett. 2015. Freshwater Information Network (FIN): a collaborative effort to create a freshwater species database for the southeastern United States. 41st Annual Meeting of the Southeastern Fishes Council, Gainesville, FL.
- Jones, K., B.L. Fluker, and **B.R. Kuhajda**. 2015. Conservation genetics of the Blueface Darter (*Etheostoma* sp. cf. *zonistium*), a rare undescribed fish in northwest Alabama. 41st Annual Meeting of the Southeastern Fishes Council, Gainesville, FL

- Jones, K., B. Fluker, and **B.R. Kuhajda**. 2015. Conservation genetics of the Blueface Darter (*Etheostoma* sp. cf. *zonistium*), a rare undescribed fish in northwest Alabama. American Society of Ichthyologists and Herpetologists, Reno, Nevada.
- Liska, K., D. Corder, A. Ellis, V. Evgeny, **S.C. Hazzard**, S. Liska, M. Lunn, J. Powell, V. Rice, E. Samples, S. Scarborough, T. Shaffernocker, S. Smithers, A. Stephens, T.M. Taylor, and **A.L. George**. 2015. Snorkeling without getting wet: using virtual reality to bring freshwater education into the classroom. American Society of Ichthyologists and Herpetologists, Reno, NV.
- Yates, W.T., M. Agha, **J.R. Ennen**, J.E. Lovich, C.H. Ernst, E.M. Ernst, and S.J. Price. 2015. Delayed emergence dynamics in emydid neonates turtles of North America, Association of Southeastern Biologist, Chattanooga, Tennessee.
- Agha, M., B. Augustine, J.E. Lovich, D. Delaney, B. Sinervo, M.O. Murphy, **J.R. Ennen**, R. Cooper, and S.J. Price. 2015. Using motion-sensor camera technology to infer seasonal activity and thermal niche of the desert tortoise (*Gopher agassizii*), Association of Southeastern Biologist, Chattanooga, Tennessee.
- Agha, M., J.E. Lovich, **J.R. Ennen**, B. Augustine, T. Arundel, and S.J. Price. 2015. Exploring the spatial dynamics of tortoise burrow placement in a human-dominated landscape, Association of Southeastern Biologist, Chattanooga, Tennessee.
- Rosenberg, A.R., T.M. Taylor, and A.L. George**. 2012. Conservation leadership in action: using summer camps to engage teens in aquatic conservation at the Tennessee Aquarium. Southeastern Fishes Council, New Orleans, Louisiana.
- George, A.L., and D.A. Neely**. 2008. Comparing the effects of recent and historical fragmentation in stream fishes: A landscape genetics approach to the Tennessee River ichthyofauna. Society for Conservation Biology, Chattanooga, Tennessee.
- George, A.L., D.A. Neely, N.J. Lang, and R.L. Mayden**. 2006. Causes and consequences of fragmentation in North American freshwater fishes. Association of Zoos and Aquariums, Tampa, Florida.

HONORS AND AWARDS:

- TNACI**. 2019. Conservation Partner of the Year. Trout Unlimited Over Mountain Chapter.
- TNACI**. 2018. Beyond Borders Award, Georgia Adopt-A-Stream.
- TNACI**. 2018. Habitat Hero Award, Wild Ones, Tennessee Valley Chapter.
- A.L. George**. 2015. Outstanding Fisheries Scientist, Tennessee Chapter American Fisheries Society.
- A.L. George**. 2012. Audubon/Toyota TogetherGreen Fellow.
- TNACI**. 2008. Governor's Environmental Stewardship Award, Tennessee Department of Environment and Conservation.
- TNACI**. 2007. Significant Achievement in North American Conservation, Association of Zoos and Aquariums.

PROFESSIONAL SERVICE

- Kuhajda, B.R.** Secretary, Southeastern Fishes Council. 2019-Present.
- Sweat, S.C.** Treasurer, Southeastern Fishes Council. 2019-Present.
- Ennen, J.R.** Sargent-at-Arms of the Tennessee Herpetological Society. 2018-Present
- Sweat, S.C.** Georgia Adopt-A-Stream, Board Member. 2018-present.

Mitchell, S. M. Secretary-Treasurer of the Tennessee Chapter of the American Fisheries Society. 2018-present.

Sweat, S.C., H.B. Wise. Georgia Adopt-a-Stream, Trainer and Tennessee Local Coordinator. 2015-present

Ennen, J.R. Editor for Chelonian Conservation and Biology. 2013 – present

Alford, K.F. President-elect of the Tennessee Chapter of the American Fisheries Society. 2014.

Kuhajda, B.R. Full Member Graduate Faculty at the University of Tennessee-Chattanooga. 2013-present

George, A.L. Crabtree Farms, Board of Directors. 2012-present

Alford, K.F. St. Albans Farmers Market Board of Directors. 2013-2016

George, A.L. Troop Leader, Girl Scouts of the USA. 2013-2016

Kuhajda, B.R. Adjunct Faculty, Department of Biological Sciences, University of Alabama. 2012-present

George, A.L. Gray's Reef National Marine Sanctuary Advisory Council. 2012-present

Kuhajda, B.R. Policy Team member Southeastern Fishes Council Imperiled Fishes Plan for the Mobile and Tennessee/Cumberland basins. 2010-present.

Ennen, J.R. Dissertation Committee Member, Daniel Gaillard, University of Southern Mississippi. 2009-present

Kuhajda, B.R. Warrior Riverkeeper's Advisory Council Member. 2007-present.

Kuhajda, B.R. Temporary Member of the Graduate Faculty at the University of Alabama. 2005-present.

Kuhajda, B.R. Advisor, Alabama Natural Heritage Program, Montgomery, Alabama. 1995-present.

Kuhajda, B.R. Advisor, U.S. Fish and Wildlife Service, Region 4 (Southeast). 1993-present.

George, A.L., B.R. Kuhajda, J.R. Ennen. Local Host, American Society of Ichthyologists and Herpetologists Annual Meeting. 2014

Kuhajda, B.R. Master's Thesis Committee Member, Sarah Farnsley, University of Tennessee-Chattanooga. 2013-2014.

Kuhajda, B.R. Turkey Creek Dam Removal Advisory Team Member, U.S. Fish and Wildlife Service. 2010-2014.

Kuhajda, B.R. Subject Matter Expert on imperiled fishes on northern Alabama NWR. 2013.

George, A.L. Meeting Chair, Southeastern Fishes Council Annual Meeting. 2011

George, A.L. Organizer, Southeast Aquatic Resources Partnership, Workshop to Identify Imperiled Fishes from the Cumberland, Tennessee, and Mobile river systems. 2010.

George, A.L. Presenter, Expanding Your Horizons, Houston, TX. 2010.

George, A.L. Meeting Co-Chair, Southeastern Fishes Council 2009 Annual Meeting.

George, A.L. Chair, Green Committee, American Fisheries Society 2009 Annual Meeting.

George, A.L. Raney Award Committee, American Society of Ichthyologists and Herpetologists. 2008-2010.

George, A.L. Meeting Co-Chair, Southeastern Fishes Council 2008 Annual Meeting. 2008.

George, A.L. Scientific Program Committee, Society for Conservation Biology 2008 Annual Meeting. 2008.

George, A.L. Treasurer, Southeastern Fishes Council. 2007-2011.

George, A.L. Meeting Co-Chair, Southeastern Fishes Council 2007 Annual Meeting. 2007.

George, A.L. Student Papers Judge, Southeastern Division - American Society of Ichthyologists and Herpetologists. 2007.

George, A.L. Panelist, Smith Fellows Selection Committee, Society for Conservation Biology. 2007.

PARTNERSHIPS

- Alabama Department of Conservation and Natural Resources
- American Rivers
- Army Corps of Engineers
- Austin Peay State University
- Baylor School
- Conservation Fisheries, Inc.
- Freshwaters Illustrated
- Geological Survey of Alabama
- Georgia Department of Natural Resources
- Gray's Reef National Marine Sanctuary
- Kentucky Department of Fish and Wildlife
- National Fish and Wildlife Foundation
- Nature Conservancy
- Sewanee, University of the South
- Southeast Missouri State University
- Southeastern Aquatic Regional Partnership
- Southern Illinois University
- Tennessee Clean Water Network
- Tennessee Tech University
- Tennessee Valley Authority
- Tennessee Wildlife Resources Agency
- Trout Unlimited
- University of Alabama
- University of Georgia
- University of Tennessee
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- U.S. Geological Survey
- U.S. National Park Service
- Wisconsin Department of Natural Resources
- World Wildlife Fund

PROFESSIONAL ORGANIZATIONS

- Alabama Fisheries Association
- American Association of Zookeepers
- American Fisheries Society
- American Society of Ichthyologists and Herpetologists
- Association of Zoos and Aquariums
- Desert Fishes Council
- North American Native Fishes Association
- Organization of Fish and Wildlife Information Managers
- Society for Conservation Biology
- Society for the Study of Amphibians and Reptiles
- Southeastern Fishes Council

- Tennessee Chapter of the American Fisheries Society
- Tennessee Geographic Information Council
- Trout Unlimited
- Turtle Survival Alliance
- World Aquaculture Society
- World Sturgeon Conservation Society