RESEARCH FUNDING (TOTAL $2,552,481)


$1,500.  2016. AZFA Clark Waldram Conservation Grant. Amphibian conservation: understanding the effects of invasive species on native amphibians in headwater streams.


$7,000.  2015. Trout Unlimited. Assortative mating in Southern Appalachian Brook Trout: Are multiple source populations helpful or harmful for Brook Trout reintroduction?


$1,650.  2013. AZFA Clark Waldram Conservation Grant. Lake Sturgeon Recirculating System at the Tennessee Aquarium.


**PUBLICATIONS**


**REPORTS**


General Publications


OUTREACH PUBLICATIONS

Ennen, J.R. Fall 2016. Conserving the Behemoths of the Southeast. Tennessee Aquarium Riverwatch. 3:4-5.


Alford, K.F. June 2013. Restoring a Freshwater Native, Southern Appalachian Brook Trout. Association of Zoos & Aquariums CONNECT


George, A.L. Summer 2010. Fish Tales from the Field. Tennessee Aquarium Riverwatch. 2:4-5.


KEYNOTE PRESENTATIONS


Kuhajda, B.R. 2015. Dr. H.T. Boschung: the later years. 41st Annual Meeting of the Southeastern Fishes Council, Gainesville, FL.

**INVITED SEMINARS**


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, Southeast Missouri State University, Cape Girardeau, Missouri.


Raines, C.D. 2017. Bringing Back the Natives: Restoring At-Risk Species in the Southeastern United States. Shepherd University Biology Department. Shepherdstown, WV.


Kuhajda, B.R. 2015. From genes to ecosystems: conserving and restoring southeastern aquatic biodiversity. Department of Biology, Tennessee Technology University, Cookeville, Tennessee.


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.


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. 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.


**PRESENTATIONS**


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.


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.


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.


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.


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.


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.


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.


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.


**POSTERS**


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.


HONORS AND AWARDS:

TNACI. 2018. Habitat Hero Award, Wild Ones, Tennessee Valley Chapter.

PROFESSIONAL SERVICE
Kuhajda, B.R. Secretary, Southeastern Fishes Council. 2019-Present.
Ennen, J.R. Sargent-at-Arms of the Tennessee Herpetological Society. 2018-Present
Mitchell, S. M. Secretary-Treasurer of the Tennessee Chapter of the American Fisheries Society. 2018-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


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. 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.


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. Student Papers Judge, Southeastern Division - American Society of Ichthyologists and Herpetologists. 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