

## Mark W. Rogers

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## Education

**Ph.D., Fisheries and Aquatic Sciences**, December 2007

Department of Fisheries & Aquatic Sciences, University of Florida, Gainesville, FL

Dissertation: Recruitment dynamics of age-0 largemouth bass along a latitudinal gradient of Florida lakes

Minor: Statistics

Alumni Fellow

Advisor: Dr. Micheal Allen

**M.S., Natural Resources (Fisheries concentration)**, 2002

University of Wisconsin-Stevens Point, Stevens Point, WI

Thesis: An evaluation of walleye fishery survey methods in northern Wisconsin lakes

Advisor: Dr. Michael Hansen

**B.S., Fisheries and Wildlife Science (Fisheries concentration)**, 1997

North Carolina State University, Raleigh, NC

Major: Fisheries and Wildlife Science

Minor: Environmental Science

Magna Cum Laude

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## Professional Experience

December 2015 – Present

**Unit Leader, Research Fishery Biologist**, U.S. Geological Survey Tennessee Cooperative Fishery Research Unit, Tennessee Tech University, Cookeville, Tennessee

Provides administrative oversight to all Unit activities in addition to carrying out the standard roles of a Unit scientist which include a productive research program, impactful educational contributions to our host university, and providing technical assistance to the Unit's cooperators. Research components include providing Asian carp and fisheries management science support to federal and state partners.

Supervisor: Dr. Barry Grand

November 2011 – December 2015

**Research Fishery Biologist**, U.S. Geological Survey, Great Lakes Science Center, Lake Erie Biological Station, Sandusky, Ohio.

Conducts research on Lake Erie's fish community, fisheries, and food web interactions. Participates on the Lake Erie Coldwater Task Group that is charged with activities intended to rehabilitate and restore Lake Erie's coldwater fish community including lake trout, lake herring (Cisco) and burbot. Station lead for Coordinated Science and Monitoring Initiative efforts and Lake Erie Lakewide Management Plan (LaMP) member.

Supervisor: Dr. Richard Kraus

May 2010 – November 2011

**Research Ecologist (term)**, Great Lakes Science Center, U.S. Geological Survey, Ann Arbor, Michigan.

Leading scientist for development of an ecosystem model for Lake Michigan. The model incorporated trophic and population dynamics across the entire offshore food web. Using historical time series and system disturbances, the model reconstructed ecosystem trophic relationships and population dynamics through time. We evaluated effects of invasive species on energy transfer and fisheries production. Other duties included participating in large vessel USGS surveys.

Supervisor: Dr. Kurt Newman

January 2008 – May 2010

**Post Doctoral Research Assistant**, School of Forest Resources and Conservation, Program in Fisheries & Aquatic Sciences, University of Florida, Gainesville, Florida.

Post-doctoral research: "Development and Use of an Ecopath with Ecosim/Ecospace Model to Explore Effects of Habitat Restoration Projects on Florida Lake Fish Communities". Conducted meta-analyses of historical lake monitoring data to determine effects of aquatic habitat (e.g., vegetation abundance and composition) on fish community characteristics in large Florida lakes. I then developed an ecosystem model to simulate effects of habitat restoration policies on aquatic communities and sport fish abundance. Funded by the Florida Fish and Wildlife Conservation Commission.

Supervisor: Dr. Micheal Allen

August 2003 – December 2007

**Alumni fellow**, Department of Fisheries & Aquatic Sciences, University of Florida, Gainesville, Florida.

Dissertation research: Quantified age-0 largemouth bass hatching dates, hatching distributions, growth, diet, and overwinter survival across a latitudinal gradient of Florida lakes. This work was done in cooperation with and funded by the Florida Fish and Wildlife Conservation Commission.

Graduate Supervisor: Dr. Micheal Allen

June 2002-August 2003

**Biological scientist**, Department of Fisheries & Aquatic Sciences, University of Florida, Gainesville, Florida.

Investigated effects of fluctuating river stage and flow on river fish communities for establishing minimum flows and levels in Florida. This work was done in cooperation with the Florida Fish and Wildlife Conservation Commission and funded by the St. Johns Water Management District.

Supervisor: Dr. Micheal Allen

August 2000-June 2002

**Graduate research assistant**, College of Natural Resources, University of Wisconsin-Stevens Point, Stevens Point, Wisconsin.

Thesis research: Modeled the catchability of walleyes to electrofishing and fyke-nets, and factors that affected survey gear catch rates. Another objective was to model relationships between walleye recapture rates from different gears for mark-recapture abundance estimation. This work was funded by the Wisconsin Department of Natural Resources (WDNR) and was conducted with full cooperation with WDNR staff.

Graduate Advisor: Dr. Michael Hansen

June 2000-July 2000

**Science teacher**, Pfeiffer University, Misenheimer, North Carolina.

Taught environmental science summer courses for high school and elementary school students.

October 1998-May 2000

**Science teacher**, East Rowan High School, Salisbury, North Carolina.

Taught environmental science and physical science courses and co-advised the East Rowan High School Chapter of the National Honor Society.

Supervisor: Dr. Harry Starr

June 1998-October 1998

**Senior technician**, Virginia Cooperative Fish and Wildlife Research Unit, Virginia Tech, Blacksburg, Virginia.

Roanoke River Flood Reduction Project: pre-construction monitoring of the Federally endangered Roanoke logperch by electrofishing, line-transect snorkeling, SCUBA, and habitat measurement.  
Supervisor: Dr. Paul Angermeier

April 1998-May 1998

**Fisheries technician**, Virginia Cooperative Fish and Wildlife Research Unit, Virginia Tech, Blacksburg, Virginia.

Duties included electrofishing, PIT-tagging, elastomer marking, habitat measurement, and mark-recapture techniques for a cyprinid movement study.  
Supervisor: Dr. Paul Angermeier

March 1998-April 1998

**Fisheries technician**, Department of Fisheries and Wildlife, Virginia Tech, Blacksburg, Virginia.

Duties included electrofishing, measuring habitat availability and microhabitat, and snorkeling to survey spawning fishes and their spawning habitats in the Roanoke River, Virginia.  
Supervisor: Dr. Donald Orth

June 1997-February 1998

**Fisheries technician**, Virginia Cooperative Fish and Wildlife Research Unit, Virginia Tech, Blacksburg, Virginia.

Roanoke River Flood Reduction Project: pre-construction monitoring of the Federally endangered Roanoke logperch by electrofishing, line-transect snorkeling, SCUBA, and habitat measurement.  
Supervisor: Dr. Paul Angermeier

February 1996-May 1997

**Fisheries technician**, Department of Zoology, North Carolina State University, Raleigh, North Carolina.

Duties included processing otoliths of age-0 threadfin shad, largemouth bass, and peacock bass to estimate ages using daily rings.  
Supervisor: Dr. Richard Noble

June-July 1996

**Fisheries technician**, Department of Zoology, North Carolina State University, Raleigh, North Carolina.

Duties included electrofishing, and diet analysis of largemouth bass, peacock bass, redear sunfish, and bluegill sunfish in tropical reservoirs, Puerto Rico.  
Supervisor: Dr. Richard Noble

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## **Grants and Funding**

Primary Investigator. Using eDNA to inform potential presence of endangered Slender Chub existence in Tennessee. 2020 to Present, USFWS.

Primary Investigator. Early detection and rapid response to the African Walking Catfish in Puerto Rico: Identification and removal. 2020 to Present, USFWS. Awarded \$19K for one year.

Primary Investigator. Effects of Asian carp invasion on the food web of a mussel biodiversity hotspot in Tennessee. 2017-2018, USFWS. Awarded \$24K for one year.

Primary Investigator. Evaluating sport fisheries. 2016 to Present, Tennessee Wildlife Resources Agency. The goals of the project are to design experiments that include sampling and statistical evaluations to help understand drivers of sport fisheries in Tennessee and management decision evaluations. Awarded \$30K per year on an annually renewed basis.

Primary Investigator. Using genetics to evaluate stocking efficiency. Primary Investigator, 2016 to Present, Tennessee Wildlife Resources Agency. Awarded \$66K per year on an annually renewed basis.

Primary Investigator. Relative density of Asian carp in the Tennessee and Cumberland rivers, tributaries to the Ohio River. Primary Investigator, 2016 to Present, USFWS and TWRA. The first project to delineate the leading edge of Asian carp across multi-state waters in the Tennessee and Cumberland rivers, characterize population demographics, and to help inform control and removal needs. Awarded \$153K per year on an annually renewable basis

Primary Investigator. Movements of Asian carp across locks and dams in the Tennessee and Cumberland rivers. Primary Investigator, 2016 to Present, USFWS and TWRA. I am lead on a multi-state effort to use acoustic telemetry to monitor Asian carp movements through locks at dams to inform barrier/deterrent needs and placement. Awarded \$53K per year on an annually renewable basis.

Primary Investigator. Trophic Transfer Across Lake Erie's Production Gradient and Lake Erie Lower Trophic Structure. Great Lakes Restoration Initiative, U.S. Environmental Protection Agency, Great Lakes National Program Office. Awarded \$400,000 for one year (2014).

Co-Investigator. Developing new strategies for the global assessment of inland fisheries and predicting the response of inland fisheries to regional climate change. U.S. Geological Survey National Climate Change and Wildlife Science Center. Awarded \$595,000 (2012-2016).

Co-Investigator. Using Acoustic Telemetry to Inform Lake Trout Habitat Availability and Spawning Habitat Use. Submitted for Great Lakes Fish and Wildlife Restoration Act funds (\$183,000 for 4 years).

Primary Investigator. Exploring Life History Characteristics of Naturalized Versus Stocked Chinook Salmon. Great Lakes Fishery Trust. Awarded \$256,000 for two years (2012-2014).

Primary Investigator. Ecosystem Modeling Workshops for the Great Lakes. Great Lakes Fishery Commission Science Transfer Program. Awarded \$9,600 for one year (2011).

Co-Investigator. Dissecting Mortality Components for Recreational Fisheries with High Release Rates. Florida Fish and Wildlife Conservation Commission. Awarded \$285,000 for three years (2009-2011).

Co-investigator. Lake Okeechobee Fish and Macroinvertebrate Relationships to Plant Communities. South Florida Water Management District. Awarded \$49,513.00 for one year (2009).

Co-Investigator: Development and Use of an Ecopath Model to Explore Effects of Habitat Restoration Projects on Florida Lake Fish Communities. Florida Fish and Wildlife Conservation Commission. Awarded \$183,050 for two years (2008-2009).

Co-Investigator: Assessment of critical aquatic plant habitats for maintaining fish diversity at Lakes Kissimmee and Istokpoga, Florida. Florida Fish and Wildlife Conservation Commission. Awarded \$126,000 for two years (2006-2008).

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## **Publications and Reports**

### *Peer Reviewed*

Breck, J.E., C.P. Simon, E.S. Rutherford, B.S. Low, P.J. Lamberson, and M.W. Rogers. 2020. The geometry of reaction norms yields insights on classical fitness functions for Great

- Lakes salmon. *PLoS ONE* 15(3): e0228990. <https://doi.org/10.1371/journal.pone.0228990>.
- Lynch, A. J., D. M. Bartley, T. D. Beard, Jr., D. B. Bunnell, S. J. Cooke, I. G. Cowx, S. Funge-Smith, C. P. Paukert, M. W. Rogers, and W. W. Taylor. 2020. InFish: a research network to promote global conservation and sustainable use of inland fish. *Fisheries* 45(6):319-326.
- Kao, Y-C., M. W. Rogers, D. B. Bunnell, I. G. Cowx, S. S. Qian, O. Anneville, T. D. Beard Jr., A. Brinker, J. R. Britton, R. Chura-Cruz, N. J. Gownaris, J. R. Jackson, K. Kangur, J. Kolding, A. A. Lukin, A. J. Lynch, N. Mercado-Silva, R. Moncayo-Estrada, R. J. Njaya, I. Ostrovsky, L. G. Rudstam, A. L. E. Sandstrom, Y. Sato, H. Siguayro-Mamani, A. Thorpe, P. A. M. van Zwieten, P. Volta, Y. Wang, A. Weiperth, O. L. F. Weyl, and J. D. Young. 2020. Assessing effects of climate and land-use changes on global lake fisheries production. *Nature Communications* 11, 2526 (2020).
- Jennings, C. A., M. Allen, C. Belcher, R. Bringolf, D. Dennerline, T. Goar, K. Kuklinski, J. Long, P. Mazik, D. Riecke, and M. Rogers. 2020. Congratulations on Your Promotion to Management: Considerations for New Supervisory Biologists. *Journal of the Southeastern Association of Fish and Wildlife Agencies* (2020):103-113.
- Kinney, D., D. B. Bunnell, M. W. Rogers, A. J. Lynch, T. D. Beard, and S. Funge-Smith. 2020. Inland commercial fisheries in the United States: carp, catfish, and gaps in national reporting. *Fisheries* July 2020
- Hargrove, J.S., M.W. Rogers, P.T. Kacmar, and P. Black. 2019. A statewide evaluation of Florida Bass genetic admixture across a gradient of stocking rates and reservoirs in Tennessee. *North American Journal of Fisheries Management*
- Hargrove, J.S., M.W. Rogers, P.T. Kacmar. 2019. Quantifying contributions to tournament catches among resident, stocked, and hybrid black basses (*Micropterus* spp.)
- Walker, D.M., J.E. Leys, K.E. Dunham, J.C., Oliver, E.E. Schiller, K.S. Stephenson, J.T. Kimrey, J. Wooten, M.W. Rogers. 2017. Methodological considerations for detection of terrestrial small-body salamander eDNA and implications for biodiversity conservation. *Molecular Ecology Resources*.
- Kraus RT, Vandergoot CS, Kocovsky PM, Rogers MW, Cook HA, and Brenden TO. 2017. Reconciling catch differences from multiple fishery independent gill net surveys. *Fisheries Research* 188:17-22.
- Hrycik, AR, PD Collingsworth, MW Rogers, SC Guffey, and TO Hook. 2017. Seasonal structuring of yellow perch trophic indicators outweighs spatial structuring in a large lake basin. *Journal of Great Lakes Research*.
- Deines, A. M., D. B. Bunnell, M. W. Rogers, D. H. Bennion, W. M. Woelmer, M. J. Sayers, A. G. Grimm, R. A. Shuchman, Z. B. Raymer, C. N. Brooks, J. G. Mychek-Londer, W. W. Taylor, and T. D. Beard Jr. 2017. The contribution of lakes to global inland fisheries production. *Frontiers in Ecology and the Environment*. 15: 293-298
- Kao, Y., M. W. Rogers, and D. B. Bunnell. 2017. Evaluating stocking efficacy in an ecosystem undergoing oligotrophication. *Ecosystems* 21: 600-618. DOI: 10.1007/s10021-017-0173-5, IP- 087701, Bureau approval 11/6/2017, (100%, 15%, 50%, 20%) \*2018 Moffett Award Winner
- Lynch, A. J., S. J. Cooke, T. D. Beard, Jr., Y.-C. Kao, K. Lorenzen, A. M. Song, M. S. Allen, Z. Basher, D. B. Bunnell, E. V. Camp, I. G. Cowx, J. A. Freedman, V. M. Nguyen, J. K. Nohner, M. W. Rogers, Z. A. Siders, W. W. Taylor, S. Youn. 2017. Grand challenges in the management and conservation of North American inland fish and fisheries. *Fisheries* 42: 115-124. 27. Woelmer, W. M., Y. Kao\*, D. B. Bunnell, A. M. Deines, D. H.

- Bennion, M.W. Rogers, C. N. Brooks, M. J. Sayers, D. M. Banach, A. G. Grimm, and R. A. Shuchman. 2016. Assessing the influence of watershed characteristics on chlorophyll a in water bodies at global and regional scales. *Inland Waters* 6: 379-392. DOI: 10.5268/IW-6.3.964.
- Lynch, A. J., S. J. Cooke, A. M. Deines, S. D. Bower, D. B. Bunnell, I. G. Cowx, V. M. Nguyen, J. Nohner, K. Phouthavong, B. Riley, M. W. Rogers, W. W. Taylor, W. Woelmer, J. Youn, and T. D. Beard. 2016. The neglected social, economic, and environmental value of inland fishes and fisheries. *Environmental Reviews* 24: 1-7.
- Deines, A.M., D.B. Bunnell, M.W. Rogers, T.D. Beard, Jr., and W.W. Taylor. 2015. A review of the global relationship among freshwater fish, autotrophic activity, and regional climate. *Reviews in Fish Biology and Fisheries*. DOI 10.1007/s11160-015-9384-z
- Sayers, M.J., and 12 coauthors. 2015. A new method to generate a high-resolution global distribution map of lake chlorophyll. *International Journal of Remote Sensing* 36(7):1942-1964.
- Rogers, M.W., D.B. Bunnell, C.P. Madenjian, and D.M. Warner. 2014. Lake Michigan offshore ecosystem structure and food web changes from 1987 to 2008. *Canadian Journal of Fisheries and Aquatic Sciences* 71(7):1072-1086.
- Schaeffer, J.S., M.W. Rogers, D.G. Fielder, N. Godby, A. Bowen, L. O'Connor, J. Parrish, S. Greenwood, S. Chong, and G. Wright. 2014. Designing long-term fish community assessments in connecting channels: Lessons from the Saint Marys River. *Journal of Great Lakes Research* 40:15-22.
- Rogers, M.W., A.B. Barbour, and K.L. Wilson. 2014. Trade-offs in experimental designs for estimating post-release mortality in containment studies. *Fisheries Research* 151:130-135.
- Allen, M.S., M.W. Rogers, M.J. Catalano, D.C. Gwinn, and S.J. Walsh. 2013. Assessing the potential for angling of nesting males to influence largemouth bass recruitment should consider the quality of nesting individuals: response to comment. *Transactions of the American Fisheries Society* 142(2):419-421.
- Langseth, B.J., M.W. Rogers, and H. Zhang. 2012. Modeling species invasions in Ecopath with Ecosim: an evaluation using Laurentian Great Lakes models. *Ecological Modelling* 247(2012):251-261.
- Bunnell, D.B., C.P. Madenjian, M.W. Rogers, J.D. Holuszko, and L.J. Begnoche. 2012. Exploring mechanisms underlying differences in sex-specific mortality in Lake Michigan bloater. *Transactions of the American Fisheries Society* 141:204-214.
- Rogers, M.W., and M.S. Allen. 2011. An Ecosystem Model for Exploring Lake Restoration Effects on Fish Communities and Fisheries in Florida Lakes. *Restoration Ecology*. doi: 10.1111/j.1526-100X.2011.00819.x
- Allen, M., M. Rogers, M. Catalano, D. Gwinn, and S. Walsh. 2011. Evaluating the potential for stock size to limit recruitment in largemouth bass. *Transactions of the American Fisheries Society* 104(4):1093-1100.
- Douglas, J., P. Brown, T. Hunt, M. Rogers, and M. Allen. 2010. Evaluating relative impacts of recreational fishing harvest and discard mortality on Murray cod (*Maccullochella peelii peelii*). *Fisheries Research* 106:18-21.
- Rogers, M.W., M.S. Allen. 2010. Simulated influences of hatching date specific survival on within year class interactions and recruitment of largemouth bass. *Open Fish Science Journal* 3:169-179, DOI: 10.2174/1874401X01003010169



- Gwinn, D.C., M.S. Allen, and M.W. Rogers. 2010. Evaluation of procedures to reduce bias in fish growth parameter estimates resulting from size-selective sampling. *Fisheries Research* 105:75-79.
- Rogers, M.W., M.S. Allen, P. Brown, W. Fulton, and B. Ingram. 2010. Exploring the relative value of stock enhancement versus harvest regulations for fishery sustainability. *Ecological Modelling*.
- Rogers, M.W., and M.S. Allen. 2009. Exploring the generality of recruitment hypotheses for largemouth bass along a latitudinal gradient of Florida lakes. *Transactions of the American Fisheries Society* 138:23-37.
- Mesing, C.L., R.L. Cailteux, P.A. Strickland, E.A. Long, and M.W. Rogers. 2008. Stocking of advanced-fingerling largemouth bass to supplement year-classes in Lake Talquin, Florida. *North American Journal of Fisheries Management* 28:1762-1774.
- Rogers, M.W., and M.S. Allen. 2008. Using available prey estimates to inform largemouth bass stocking strategies. Pages 371-392 in M. S. Allen, S. Sammons, and M. J. Maceina, editors. *Balancing fisheries management and water uses for impounded river systems*. American Fisheries Society, Symposium 62, Bethesda, Maryland.
- Rogers, M.W., and M.S. Allen. 2008. Hurricane impacts to Lake Okeechobee: altered hydrology creates difficult management trade offs. *Fisheries* 33(1): 11-17.
- Rogers, M.W., M.S. Allen, and W.F. Porak. 2006. Separating genetic and environmental influences on temporal hatching distributions of largemouth bass. *Canadian Journal of Fisheries and Aquatic Sciences* 63: 2391-2399.
- Rogers, M.W., M.J. Hansen, and T.D. Beard, Jr. 2005. Relationships between recapture rates from different gears for estimating walleye abundance in northern Wisconsin lakes. *North American Journal of Fisheries Management* 25:195-202.
- Rogers, M.W., M.S. Allen, and M.D. Jones. 2005. Relationships between river surface level and fish assemblages in the Ocklawaha River, Florida. *River Research and Applications* 21:501-511.
- Allen, M.S., M.W. Rogers, R. Myers, and M. Bivin. 2004. Simulated impacts of tournament-associated mortality on largemouth bass fisheries. *North American Journal of Fisheries Management* 24:1252-1261.
- Rogers, M.W., M.J. Hansen, and T.D. Beard, Jr. 2003. Catchability of walleyes to fyke netting and electrofishing in northern Wisconsin lakes. *North American Journal of Fisheries Management* 23:1193-1206.

### ***Final Reports and Popular Articles***

- Bunnell, D.B., M.W. Rogers, Y. Kao. 2019. Evaluating future effects of climate and land use on fisheries production in inland lakes. U.S. Geological Survey Climate Adaptation Center final report. 20 pp. IPDS: IP-108843
- Rogers, M.W., and J.N. Murdock. 2018. Final Report Cooperative Agreement Award No. F16AC01049: Effects of Asian Carp Invasion on the Food Web of a Mussel Biodiversity Hotspot in Tennessee. A Final Report to the U.S. Fish and Wildlife Service, Atlanta, Georgia.
- Rogers, M.W., J.A. Kerns, D.B. Bunnell, R.M. Claramunt, P.D. Collingsworth. 2014. Exploring Life History Characteristics of Naturalized Versus Stocked Chinook. Submitted to Great Lakes Fishery Trust, Chicago, Illinois.

- Rogers, M.W., and D.B. Bunnell. 2011. Great Lakes Ecopath Modeling Workshops, 2011 Project Completion Report. Submitted to Great Lakes Fishery Commission, Ann Arbor, Michigan.
- Rogers, M.W., and M.S. Allen. 2010. Science Behind Stocking: a review of best management practices for stocking for recreational purposes in Victoria, Australia. Submitted to Victoria Department of Primary Industries, Fisheries Victoria.
- Fulton, W., P. Brown, T. Hunt, M. Allen, and M. Rogers. 2010 Research Completion Report on Murray cod sustainability investigations in Victoria. Submitted to Fisheries Victoria, Melbourne, Australia.
- Rogers, M., D. Pecora, and M. Allen. 2009. Evaluating fish and macroinvertebrate changes with plant species and abundance at Lake Okeechobee. Submitted to the South Florida Water Management District, West Palm, Florida.
- Gwinn, D.G., M.S. Allen, and M.W. Rogers. 2010. Evaluation of procedures to mediate bias in fish growth parameter estimates resulting from size-selective sampling. *The Shellcracker* – quarterly newsletter of the Florida Chapter American Fisheries Society.
- Allen, M.S., M.W. Rogers, and C. Horton. 2009. Warmwater Fish. In *Beyond Seasons End: a path forward for fish and wildlife in the era of climate change*. Edited by The Wildlife Management Institute and the Theodore Roosevelt Conservation Partnership. Submitted to the Bipartisan Policy Center.
- Rogers, M.W., and M.S. Allen. 2009. Development and Use of an Ecopath Model to Explore Effects of Habitat Restoration Projects on Florida Lake Fish Communities. Final Report to Florida Fish and Wildlife Conservation Commission, Tallahassee, Florida.
- Rogers, M.W., T. Burgess, and J. Flowers. January 2008. Colorado River Fisheries: Summer Field Experiences of FAS Graduate Students. *Waterworks* – Newsletter of the UF/IFAS Department of Fisheries and Aquatic Sciences.
- Rogers, M.W., and M.S. Allen. January 2006. Water temps drive the spawn. *Bass Times* – published by the Bass Anglers Sportsman’s Society.
- Rogers, M.W., and M.S. Allen. 2005. Hatching duration, growth, and survival of age-0 largemouth bass along a latitudinal gradient of Florida lakes. Final report to Florida Fish and Wildlife Conservation Commission.
- Rogers, M.W., and M.S. Allen. 2005. Separating environmental and genetic influences to largemouth bass hatching periodicity. *The Shellcracker* – quarterly newsletter of the Florida Chapter American Fisheries Society.
- Allen, M.S., and M.W. Rogers. 2003. Relationships between river surface levels and fish assemblages in Florida rivers. Final report to Florida Fish and Wildlife Conservation Commission.
- Allen, M.S., W. Tate, K. Tugend, M. Rogers, and K. Dockendorff. 2002. Effects of water-level manipulation on the fisheries of Lake Tarpon. Annual progress report to Pinellas County Department of Environmental Management, Pinellas County, FL.
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## Presentations

- M.W. Rogers, C.R. Harty, P.W. Bettoli. 2020. Investigation of Channel Catfish and Blue Catfish Population Dynamics in Three Tennessee River Reservoirs. Southern Division of American Fisheries Society Annual Meeting, Little Rock, Arkansas.
- Wood WT, MW Rogers. 2019. Abundance and population controls of bigheaded carp in a productive southeastern reservoir. 2019 Southern Division of the American Fisheries Society, Galveston, Texas.
- Kacmar P, MW Rogers. 2019. Influences of Sampling Method and Season on Florida Largemouth Bass Genetic Introgression at Chickamauga Reservoir, Tennessee. Southern Division AFS, Galveston, TX
- Flanagan, T., M.W. Rogers. Evaluating Asian Carp Movement in the Tennessee River with Focus on Prohibiting Lock and Dam Passage. 2019 Southern Division of the American Fisheries Society, Galveston, TX
- Wood, W.T., M.W. Rogers. 2019. Abundance and population controls of bigheaded carp in a productive southeastern reservoir. Southeast Association of Fish and Wildlife Agencies.
- Rogers, M.W., J. Murdock. 2018. Influences of Asian Carp invasion on a native mussel biodiversity hotspot in Tennessee. Southern Division of American Fisheries Society, San Juan, Puerto Rico.
- Hargrove, J.S., M.W. Rogers, and P. Black. 2018. Genetic composition of largemouth bass populations stocked with Florida bass in Tennessee. Southern Division of the American Fisheries Society, San Juan, Puerto Rico.
- Kao Y-C, Rogers MW, Bunnell DB, Lynch AJ, and others. 2018. Effects of extreme rainfalls on global lake fisheries: Could they be positive? 148th Annual Meeting of the American Fisheries Society, Atlantic City, New Jersey.
- Kacmar, P.T., M.W. Rogers. 2018. Influences of sampling method and season on assessments of Florida largemouth bass (*Micropterus floridanus*) genetic introgression at Chickamauga Reservoir, Tennessee. American Fisheries Society Annual Meeting, Atlantic City, New Jersey.
- Hargrove, J.S., M.W. Rogers, P.T. Kacmar, P. Black. 2018. A Statewide Evaluation of Florida Bass Introgression Across a Gradient of Stocking Rates and Reservoirs in Tennessee. American Fisheries Society Annual Meeting, Atlantic City, New Jersey.
- Fernholz, S.R., M.W. Rogers. 2018. Relative Densities and Population Characteristics of Bighead and Silver Carp in Reservoirs of the Tennessee and Cumberland Rivers. American Fisheries Society Annual Meeting, Atlantic City, New Jersey.
- Rogers, M.W., J. Murdock, D. Hubbs. 2018. Implications of Silver Carp invasion on the Food Web of a Freshwater Mussel Biodiversity Hotspot. Southeastern Association of Fish and Wildlife Agencies, Mobile, Alabama.
- Hargrove, J.S., M.W. Rogers. 2018. Rethinking Florida Bass stocking as a fishery management tool. Southeastern Association of Fish and Wildlife Agencies, Mobile, Alabama.
- Paine, R.T.R., M.W. Rogers, C. Hurt. 2018. Environmental DNA (eDNA) tracking of the invasive Silver Carp (*Hypophthalmichthys molitrix*) in the Duck River, Tennessee. Southeastern Fishers Council Annual Meeting, South Carolina.
- Kao Y-C, M. W. Rogers, D. B. Bunnell, A. J. Lynch and others. 2018. GLFI: A global initiative for lake fisheries. 148th Annual Meeting of the American Fisheries Society: Atlantic City, New Jersey

- Kao Y-C, M. W. Rogers, D. B. Bunnell, A. J. Lynch and others. 2018. Effects of extreme rainfalls on global lake fisheries: Could they be positive? 148th Annual Meeting of the American Fisheries Society: Atlantic City, New Jersey
- Rogers, M.W., A. Deines, D.B. Bunnell, D. Bennion, A.J. Lynch, S.J. Cooke, and T.D. Beard, Jr. North American Inland Fisheries: Knowns, Unknowns, and Management Challenges. February 2017. Southern Division of American Fisheries Society, Oklahoma City.
- Kao, Y.C., D.B. Bunnell, M.W. Rogers. 2017. The relative importance between round goby and alewife effects on Lake Michigan salmonines. International Association of Great Lakes Research, Detroit, Michigan.
- Kao, Y.C., M.W. Rogers, D.B. Bunnell, and others. 2017. Effects of climate change and land use on large lake fisheries around the world. Raleigh, NC. 2017 Society of Freshwater Science Annual Meeting.
- Kao, Y., D. B. Bunnell, M. W. Rogers, A. J. Lynch, P. B. McIntyre, T. D. Beard, and W. W. Taylor. 2016. Potential effects of climate change and land use on inland fisheries production. 7th Annual World Fisheries Congress, Busan, Korea.
- Kao, Y.C., M.W. Rogers, and D. B. Bunnell. 2016. How will salmonine stocking levels, nutrient inputs, and mussel trajectories influence Lake Michigan? International Association of Great Lakes Research Annual meeting. Guelph, Ontario, Canada.
- Lynch, A. J., S. J. Cooke, A. Deines, S. Bower, D. B. Bunnell, I. G. Cowx, V. M. Nguyen, J. Nonher, K. Phouthavong, B. Riley, M. W. Rogers, W. W. Taylor, W.M. Woelmer, S.-J. Youn, T. D. Beard, Jr. 2016. The social, economic, and ecological importance of inland fishes and fisheries. International Union for the Conservation of Nature World Conservation Congress. Honolulu, Hawaii.
- Rogers, M.W., D.B. Bunnell, and J.A. Kerns. 2015. Exploring diverging life history characteristics in naturalized and stocked Chinook Salmon, Lake Michigan, USA. Global Conference on Inland Fisheries, Rome, Italy.
- Deines, A.M., and 10 coauthors. 2015. A new estimation method for global freshwater fish production. Global Conference on Inland Fisheries, Rome, Italy.
- Bunnell, D.B., M. Rogers, M. Sayers, A. Deines. 2014. Using remote sensing technologies to inform and improve inland fisheries science and management. American Fisheries Society Annual Meeting, Quebec City.
- Deines, A.M., and 10 coauthors. 2014. Fishing from space: estimating fishery production using remote sensing. American Fisheries Society Annual Meeting, Quebec City.
- Knight, C., R. Kraus, M. Rogers, P. Kocovsky, A. Gorman, and A. Cook. Movement and recapture of yellow perch using Passive Integrated Transponder tags in Lake Erie. American Fisheries Society Annual Meeting, Quebec City.
- Rogers, M.W., T.D. Beard, Jr., and D.B. Bunnell. 2012. *Invited*. Climate and Land Use Change: what could inland fisheries look like? 6<sup>th</sup> World Fisheries Congress Conference, Edinburgh, Scotland.
- Allen, M., M. Rogers, P. Brown, and T. Hunt. 2011. *Invited*. Contrasting stocking and length limits as tools to improve fisheries. American Fisheries Society Annual Meeting, Seattle, Washington.
- Rogers, M.W., D.B. Bunnell, C.P. Madenjian, and D.M. Warner. 2011. *Invited*. Exploring ecosystem-level impacts of alternative salmonid stocking strategies in Lake Michigan. American Fisheries Society Annual Meeting, Seattle, Washington.
- Rogers, M.W., D.B. Bunnell, C.P. Madenjian, and D.M. Warner. 2011. An Ecosystem Model of Lake Michigan's Offshore Zone: a tool for ecosystem management. Coastal Zone 2011 Conference, Chicago, Illinois.

- Rogers, M.W., D.B. Bunnell, L.R. Fogarty, S.K. Haack, and P.W. Seelbach. 2011. Identifying Nearshore Issues and Science Efforts that Support Lake Michigan LaMP Restoration Goals.
- Rogers, M.W., D.B. Bunnell, C. Madenjian, and D. Warner. 2011. Modeling Lake Michigan's Offshore Food Web. International Association of Great Lakes Research Annual Meeting, Duluth, Minnesota.
- Rogers, M.W., M.S. Allen, M.J. Catalano, D. Gwinn, and S. Walsh. 2011. *Invited*. The Civil War and Black Bass Recruitment: a latitudinal discrepancy in the need for spawning season closures. University of Wisconsin-Stevens Point Student Sub-Chapter of the American Fisheries Society.
- Rogers, M.W. 2010. *Invited*. Challenges to sustaining Murray Cod fisheries in southeast Australia. Michigan State University Quantitative Fisheries Center Lunch Seminar.
- Allen, M.S., and M.W. Rogers. 2010. *Invited*. Murray cod management in Australia: options for the future. Enhancing the Murray cod recreational fishery – A basin-wide approach to research and management. Yarrowonga, New South Wales, Australia.
- Allen, M.S., M.W. Rogers, and G. Kauffman. 2010. *Invited*. Evaluating Effects of Climate Change on Florida's Freshwater Fisheries. Florida Outdoor Writers Association "Climate Change Impacts to Florida Fish and Wildlife" Newsmakers Event, Tallahassee, Florida.
- Rogers, M.W., M.S. Allen, P. Brown, T. Hunt, and W. Fulton. The relative value of stocking versus regulations for Murray cod fisheries sustainability. Department of Primary Industries, Victoria, Australia.
- Rogers, M., M. Allen, T. Hunt, P. Brown. 2010. Best management practices for science based stocking in Victoria. Department of Primary Industries, Victoria, Australia.
- Rogers, M.W., et al. 2009. *Invited*. Relative value of stock enhancement versus harvest regulations for Murray cod sustainability. Florida Fish and Wildlife Conservation Commission, St. Petersburg, Florida.
- Rogers, M.W., and M.S. Allen. 2008. *Invited*. Hurricane impacts to Lake Okeechobee: altered hydrology creates difficult management trade offs. Victoria Department of Primary Industries, Victoria, Australia.
- Rogers, M.W., and M S. Allen. 2008. Potential stocking success of largemouth bass at Lake Seminole, Florida: an Ecopath with Ecosim model. American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida.
- Allen, M.S., and M.W. Rogers. 2008. *Invited*. Challenges for Reservoir Fisheries Habitat Restoration: Time to think big? Midwest Fish and Wildlife Conference, Columbus, Ohio.
- Rogers, M.W. 2008. *Invited*. Using Ecopath with Ecosim for evaluating potential largemouth bass stocking success. Florida Fish and Wildlife Conservation Commission, Eustis, Florida.
- Rogers, M.W., and M S. Allen. 2007. Effects of altered hydrology on an ecosystem's resilience to hurricanes. American Fisheries Society, Annual Meeting, San Francisco, California.
- Rogers, M.W., and M.S. Allen. 2007. Using available prey estimates to inform largemouth bass stocking strategies in Florida. Fourth International Reservoir Symposium, Southern Division American Fisheries Society, Atlanta, Georgia.
- Rogers, M.W., and M S. Allen. 2007. Hurricane impacts on the littoral fish community at Lake Okeechobee, Florida. North American Lake Management Society, Southeast Regional Annual Conference, Naples, Florida.

- Rogers, M.W. 2007. *Invited*. Usefulness of ecological modeling. Florida Fish and Wildlife Conservation Commission, Freshwater Fisheries Annual Planning Meeting, Gainesville, Florida.
- Allen, M.S., M.W. Rogers, R.A. Myers, and M.V. Bivin. 2007. Simulated impacts of tournament-associated mortality on largemouth bass fisheries. American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida.
- Rogers, M.W., and M.S. Allen. 2007. Littoral fish community responses to hurricanes at Lake Okeechobee. American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida.
- Rogers, M.W., and M.S. Allen. 2007. Littoral fish community responses to hurricanes at Lake Okeechobee, Florida. American Fisheries Society, Southern Division Annual Meeting, Memphis, Tennessee.
- Rogers, M.W., and M.S. Allen. 2006. Winter in the tropics: implications of winter on growth and survival of age-0 largemouth bass in Florida. American Fisheries Society, Annual Meeting, Lake Placid, New York.
- Catalano, M.J., M.W. Rogers, and M.S. Allen. 2006. Evaluating effects of size-selective harvest on growth parameter estimates. American Fisheries Society, Southern Division Annual Meeting, San Antonio, Texas.
- Rogers, M.W., and M.S. Allen. 2006. Latitudinal patterns in juvenile largemouth bass survival: conclusions from Florida. College of Agriculture and Life Sciences Graduate Student Symposium, University of Florida, Gainesville, Florida.
- Rogers, M.W., and M.S. Allen. 2006. Cold in the tropics: implications of winter on growth and survival of age-0 largemouth bass in Florida. American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida.
- Rogers, M.W., and M.S. Allen. 2006. Cold in the tropics: implications of winter on growth and survival of age-0 largemouth bass in Florida. American Fisheries Society, Southern Division Annual Meeting, San Antonio, Texas.
- Catalano, M.J., M.W. Rogers, and M.S. Allen. 2006. Evaluating effects of size-selective harvest on growth parameter estimates for gizzard shad. American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida.
- Rogers, M.W., and M.S. Allen. 2005. *Invited*. Largemouth bass spawning seasons in Florida: when should we stock? Florida Fish and Wildlife Conservation Commission, Freshwater Fisheries Stocking Symposium, Brooksville, Florida.
- Rogers, M.W., and M.S. Allen. 2006. *Invited*. Considerations for stocking largemouth bass to supplement fisheries. Missouri Department of Conservation, Table Rock Reservoir, Missouri. (presented by M. S. Allen).
- Rogers, M.W., M.S. Allen, and W. F. Porak. 2005. Effects of brood strain on temporal hatching distributions of largemouth bass. American Fisheries Society, Southern Division Annual Meeting, Virginia Beach, Virginia.
- Rogers, M.W., and M.S. Allen. 2004. Relationships between prey to predator biomass and timing of age-0 largemouth bass diet shifts in Florida lakes. American Fisheries Society, Annual Meeting, Madison, Wisconsin.
- Allen, M.S., M.W. Rogers, R.A. Myers, and M.V. Bivin. 2004. *Invited*. Simulated impacts of tournament-associated mortality on largemouth bass fisheries. Department of Wildlife Ecology and Conservation, University of Florida.
- Rogers, M.W., M.S. Allen, and M.D. Jones. 2004. Relationships between river surface level and fish assemblage in the Ocklawaha River, Florida. College of Agriculture and Life Sciences Graduate Research Symposium, University of Florida, Gainesville, Florida.

- Rogers, M.W., M.S. Allen, and M.D. Jones. 2004. Relationships between river surface level and fish assemblage in the Ocklawaha River, Florida. American Fisheries Society, Southern Division Annual Meeting, Oklahoma City, Oklahoma.
- Rogers, M.W., M.S. Allen, and M.D. Jones. 2004. Relationships between river surface level and fish assemblage in the Ocklawaha River, Florida. American Fisheries Society, Florida Chapter Annual Meeting, Brooksville, Florida.
- Rogers, M.W., M.S. Allen, D.E. Canfield, Jr., and M.V. Hoyer. 2003. Relationships between electrofishing catch rates and population densities of harvestable largemouth bass, bluegill, and redear sunfish in Florida lakes. North American Lakes Management Society, Southern Division Annual Meeting, Orlando, Florida.
- Rogers, M.W. 2003. Relationships between electrofishing catch rates and population densities: examples from Wisconsin and Florida. Department of Fisheries and Aquatic Sciences Seminar Series, University of Florida, Gainesville, Florida
- Rogers, M.W., M.J. Hansen, and T.D. Beard, Jr. 2002. Relationships between recapture rates from different gears for estimating walleye abundance in northern Wisconsin. American Fisheries Society, Annual Meeting, Baltimore, Maryland.
- Rogers, M.W., M.J. Hansen, and T.D. Beard, Jr. 2002. Catchability of walleyes to electrofishing in northern Wisconsin lakes. American Fisheries Society, Wisconsin Chapter Annual Meeting, Wausau, Wisconsin.
- Rogers, M.W., M.J. Hansen, and T.D. Beard, Jr. 2001. Catchability of adult walleyes to electrofishing in northern Wisconsin lakes. American Fisheries Society, Annual Meeting, Phoenix, Arizona.
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## Teaching

### *Courses taught*

Instructor, Reservoir Fisheries Management and Ecology, 3 credits, odd number years since spring 2016, Tennessee Tech University.

Instructor, Fish and Wildlife Biometrics, 3 credits, even number years since spring 2016, Tennessee Tech University.

Co-instructor, FAS 4932/5276C Field Ecology of Aquatic Organisms, 4 credits, summer 2007, University of Florida. This was a field oriented split-level course that provided students with an overview of the diverse aquatic ecosystems in Florida. We explored freshwater lakes, streams and springs, estuaries, and nearshore oceanic ecosystems. Extensive field trips encompassed 2/3 of the total class time.

Instructor, FAS 6932 Management of Small Impoundments, 3 credits, fall 2005, University of Florida. This graduate level course emphasized pond management strategies including construction, water quality evaluation, aquatic plant control, stocking, and harvest management.

Teaching Assistant, FAS 6337C Fish Population Dynamics, 4 credits, spring 2005, University of Florida

Teaching Assistant, FW 312 Fisheries Techniques and Management, 1 credit, summer 2000, North Carolina State University.

Instructor, Environmental Science and Physical Science (9<sup>th</sup> through 12<sup>th</sup> grade students), 1998-2000, East Rowan High School, Salisbury, North Carolina.

### ***Guest lectures***

“Fisheries Management”, SOS 6932 Perspectives in Florida Lake Management, 2008, University of Florida.

“Reservoir Ecosystems and Fisheries”, FAS 2024 Global and Regional Perspectives in Fisheries, 2007 and 2008, University of Florida.

“Review of Florida freshwater lake fish and plant biota”, FAS 5276C Field Ecology of Aquatic Organisms, 2004, University of Florida.

“Predator-prey dynamics in small impoundments,” FAS 6932 Management of Small Impoundments, 2003, University of Florida.

“Introduction to island biogeography,” WIS 2552H Global Perspectives in Biodiversity Conservation, 2003, University of Florida.

### ***Workshops Taught***

Instructor’s Assistant, Introduction to Population Modeling using Excel. American Fisheries Society Continuing Education Course. American Fisheries Society, Annual Meeting, Pittsburgh, Pennsylvania, 2010.

Ecopath with Ecosim as a Tool to Inform Lake Habitat Management Decisions. Florida Fish and Wildlife Conservation Commission, Eustis, Florida, 2010.

Ecosystem Modeling: an introduction to Ecopath with Ecosim. Department of Primary Industries, Queenscliff, Victoria, Australia, 2008.

### ***Teacher Training***

Stock Assessment and Modeling. 2007 and 2008 by Dr. Carl Walters.

Teaching Enhancement Symposium, College of Agriculture and Life Sciences, University of Florida, 2006.

Effective Teacher Training, Rowan-Salisbury Schools, Salisbury, North Carolina, 1998.

Introduction to Students with Special Needs, SPED 2100, University of North Carolina-Charlotte, 1998

### ***Graduate Student and Post-Doctorate Supervision***



Allison Hrycik (M.S.) – Purdue University – 2013-2015  
Casey Yanos (M.S.) – University of Toledo – 2014-2016  
Yu-Chun Kao (Post-doc) – Great Lakes Science Center - 2015-2017  
Janice Kerns (Post-doc) – Great Lakes Science Center – 2012-2013  
Andrew Deines (Post-doc) – Michigan State University – 2011-2012  
Philipp Kacmar (M.S.)- Tennessee Tech – 2016-2017  
Savannah Fernholz (M.S.)- Tennessee Tech – 2016-2017  
John Hargrove (Post-doc) – Tennessee Tech – 2016-2018  
Robert Paine (Post-doc) – Tennessee Tech – 2019 – present  
William Wood (M.S.) – Tennessee Tech – 2017-2019  
Thomas Flanagan (M.S.) – Tennessee Tech – 2017-present  
Ashley Padgett (M.S.) – Tennessee Tech – 2019 -present  
Victor Wesley (M.S.) – Tennessee Tech – 2019 -present  
Frederick Hoogaker (M.S.) – Tennessee Tech – 2019 - present

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## **Honors and Awards**

- 2019 Wings UP Award, 2019, Tennessee Tech University. University award for Superior research funding and accomplishments.
- 2018 Friends of Reservoirs award for habitat improvements on a local fishery; a cooperative Effort between TTU, TWRA, and the TTU Bass Fishing Team
- 2017 James M. Moffett Award (2018), USGS Great Lakes Science Center. Best peer-reviewed publication award for 2017.
- 2012 Bronze Star, Environmental Protection Agency
- 2010 Visiting Fellow, Department of Primary Industries, Victoria, Australia
- 2003 – 2007 Alumni Fellowship, College of Agriculture and Life Sciences, University of Florida
- 2007 Best dissertation, Department of Fisheries & Aquatic Sciences, University of Florida
- 2007 Office of Research and Graduate Programs Travel Grant, University of Florida
- 2007 Best paper, North American Lake Management Society, Southeast Regional Annual Conference, Naples, Florida

- 2006 Runner-up best student paper, American Fisheries Society, Florida Chapter, Ocala, Florida
- 2006 John E. Skinner Memorial Award, American Fisheries Society, Education Section
- 2005, 2006 Robert M. Jenkins Scholarship, American Fisheries Society, Southern Division Reservoir Committee
- 2006 Graduate Student of the Year (Ph.D. level), Department of Fisheries & Aquatic Sciences, University of Florida
- 2004 – 2006 Student Travel Grant, American Fisheries Society, Florida Chapter
- 2005 Roger Rottman Scholarship, American Fisheries Society, Florida Chapter
- 2004, 2006, 2007 Institute of Food and Agricultural Science Travel Grant, University of Florida
- 2004, 2006 Graduate Student Council Travel Grant, University of Florida
- 2002 Best student paper, American Fisheries Society, Wisconsin Chapter, Wausau, Wisconsin
- 1996, 1997 North Carolina Wildlife Federation Scholarship
- 1996 Student scholarship, North Carolina State University Leopold Wildlife Club
- 1996 Gamma Sigma Delta Award for Superior Scholarship, North Carolina State University, Raleigh, NC

## Professional Memberships & Service

### Editorial service

- Co-editor, *Fisheries Management and Ecology*, 2019-present
- Scientific Journal Referee: *Aquatic Ecosystem Health and Management*, *Fisheries*, *Fisheries Management and Ecology*, *Hydrobiologia*, *Journal of Aquatic Plant Management*, *Journal of Fish and Wildlife Management*, *Transactions of the American Fisheries Society*, *North American Journal of Fisheries Management*, *Journal of Great Lakes Research*, *Lake and Reservoir Management*, *Proceedings of the Southeastern Association of Fish and Wildlife Agencies*, *Research Letters in Ecology*

Invited Proposal Reviewer: SeaGrant Lake Champlain, U.S. Fish and Wildlife Service, Great Lakes Fishery Trust, Great Lakes Fishery Commission

Professional service and membership: American Fisheries Society (AFS)

- Southern Division Vice President-elect
- President Tennessee AFS (March 2020 – Present; one year term)
- President Florida Student Subunit AFS, founding member (2006-2007)
- Southern Division AFS representative for Science Program planning for 2020 AFS International meeting at Columbus, Ohio
- Reservoir Committee, Education Section, Fisheries Information and Technology Section

Invited Session Organizer and Facilitator

- Inland and Freshwater Species, USGS Southeast Climate Adaptation Center Regional Science Symposium, New Orleans, Louisiana (2019)

Award committees and judging: Jimmie Pigg Award, Southern Division AFS (2018); student presentation and professional presentation judge at regional and national

Lake Erie Committee Coldwater Task Group

American Fisheries Society

President, American Fisheries Society, Florida Chapter Student Subunit, 2005-2006

Expert Workshop: North American fish and climate change, *Invited participant*, 2015

Proposal referee for Great Lakes Fishery Trust, 2014

Guest Editor, *Southeastern Naturalist*, 2010

Best Student Presentation Judge, American Fisheries Society Annual Meeting, Pittsburgh, Pennsylvania, 2010.

Program for Environmental Statistics seminar series coordinator, University of Florida IFAS statistics, 2008-2010

Webmaster, American Fisheries Society, Computer Users Section, 2002-2007

Audio/Visual Coordinator, American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida, 2006

Planning Committee member and webmaster, American Fisheries Society, Southern Division Student Colloquium, Marineland, Florida, 2004

American Fisheries Society, Florida Chapter Student Subunit Formation Committee, 2003-2004

American Fisheries Society, North Carolina State University Student Subunit Formation Committee, 1996-1997

Professional poster and/or presentation judge, American Fisheries Society, Florida Chapter Annual Meeting, Ocala, Florida, 2006, 2007, 2009

Poster judge, American Fisheries Society, Annual Meeting, 2004 and 2006

Ecosystem Modeling Workshop, Gulf of Mexico Fishery Management Council, *Invited attendant*, St. Petersburg, Florida, 2007

National Fisheries Data Summit, *Invited facilitator*, Salt Lake City, Utah, 2006

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## References

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PhD advisor; Professor at University of Florida; coauthor and collaborator

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