



Georgia Chapter of the American Fisheries Society

2019 Annual Meeting

February 5 – 7, 2019
Veterans Memorial Park
Cordele, GA



2019 GA-AFS Annual Meeting Program



Tuesday, February 5, 2019		
10:00 – 4:00	Registration	
1:00 – 1:10	Welcome/Opening Comments	Carolyn Belcher
1:10 - 1:30	State of the State (Freshwater)	Matt Thomas
1:30 - 1:50	State of the State (Marine)	Carolyn Belcher
SESSION 1: STUDENT PRESENTATIONS		
1:55 – 2:10	Effects of Hydrogen Peroxide Treatment on Hatching Success on Walleye Eggs Infected with <i>Saprolegnia</i> spp.	Guy Eroh
2:10 – 2:25	Effects of a Novel Cyanotoxin on Swimming Performance of Largemouth Bass	Alex Pelletier
2:25 – 2:40	Thermal and Low Oxygen Tolerance of a Southern Population of Striped Bass (<i>Morone saxatilis</i>)	Daniel Lleras
BREAK		
3:00 – 3:15	Growth rates of juvenile Atlantic Sturgeon in the Altamaha River Georgia	Catlyn Chapman
3:15 – 3:30	Overwinter Habitat Use and the Influence of Flow on Recruitment of Juvenile Gulf Sturgeon in the Apalachicola River, FL	Nathaniel Hancock
3:30 – 3:45	Dorsal scute development in <i>Acipenser fulvescens</i> in different environmental calcium concentrations	Rachael Hicks
3:45 – 4:00	Using Side-scan Sonar to Quantify the Spawning Runs of Atlantic Sturgeon in the Altamaha River System, Georgia	Cortney Bunch
4:15 – 5:15 BUSINESS MEETING		
5:15 – 7:00 DINNER ON YOUR OWN		



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Tuesday (continued), February 5, 2019

POSTER PRESENTATIONS AND SOCIAL

7:00 – 10:00 Social including poster presentations

7:00 – 8:00 Poster Presentations

Comparing otoliths and scales to age Bartram’s Bass—A Savannah River endemic	Jon Blalock
The Molecular Evolution of the DNA Methyltransferase Gene Family in Fishes	Karen Bobier
Patterns of Imperilment within Georgia’s Rare Fishes	Caroline Cox
The Southern Appalachian Snorkeling Trail: Preserving Water Quality in Appalachian Communities by Promoting Native Fishes	Caroline Cox
Analysis of ontogenetic shifts in diet habits of the invasive blue catfish from the Altamaha River, GA	Derrick Frondarina
“Growth of Nile Tilapia Fingerlings Fed Organic Diets Containing Yeast and Soybean Meal as Replacements for Fish Meal	Gary Hall
Population assessment of brown trout and rainbow trout along a regulated section of the Chattahoochee River	Ariel Nunez
Reach- and microhabitat-scale habitat selection in Coastal Plain fishes	Hayley Robinson
Using Photo-identification to Assess Wintering Populations of White Sharks in Mossel Bay, South Africa	Mischa Schultz
Spatial Variation in Fish Communities within the Hiwassee River Watershed	Hannah Walker



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Wednesday, February 6, 2019

7:45 – 8:30 Fellowship of Christian Conservationists

8:00 – 4:00 Registration

SESSION 2: STUDENT PRESENTATIONS

8:50 – 9:05 Movement Patterns During the Spawning Season of Sicklefin Redhorse in Brasstown Creek, Georgia Caroline Cox

9:05 – 9:20 Estimation of population parameters of Sicklefin Redhorse (*Moxostoma* sp.) in Brasstown Creek, Georgia Angela Hsiung

9:20 – 9:35 Assessing supply and demand of trout in north Georgia under current and projected thermal regimes Jenna Haag

9:35 – 9:50 Regional effects of land use on growth of brown bullhead catfish in the Chesapeake Bay Watershed Taylor Harof

BREAK

10:10 – 10:25 The Movement of Redbreast Sunfish and Green Sunfish in Fragmented Habitats Savannah Wells

10:25 – 10:40 Using instream stationary antennas to monitor the movements of warm water fishes William Commins

10:40 – 10:55 Efficacy of Biofouling Mitigation Methods for Floating Cage Production of Southeastern Triploid Eastern Oysters *Crassostrea virginica* Shannon Kirk

10:55 - 11:10 A Cautionary Tail: Attempting to Estimate Survival of Gag Grouper (*Mycteroperca microlepis*) in the Gulf of Mexico Using Acoustic Telemetry Gina Alvarez

11:10 -11:25 Improving Bathymetric Estimates Using Kalman Filtering and Distance Analysis Wesley Gerrin

LUNCH (Catered)



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Wednesday (continued), February 6, 2019

SESSION 3: GEORGIA'S RIVERKEEPERS (SYMPOSIA)

1:05 – 1:20	Coal ash In Georgia— what is it, where it is and why it's in the water	Jen Hilburn
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1:20 – 1:35	Protecting the Chattahoochee with water quality monitoring	Jason Ulseth
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1:35 – 1:50	Restoring the "trust" in environmental trust funds	Jesse Demonbreun-Chapman
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BREAK

2:10 – 2:25	Georgia instream flow policy: a brief history and consequences	Gordon Rogers
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2:25 – 2:40	An overview of research collaborations between Ogeechee Riverkeeper and other organizations	Damon Mullis
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2:40 – 2:55	Improving Relationships Between Fisheries Managers and Nonprofit Leaders	Anna Laws
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BREAK

3:15 – 3:30	Habitat restoration in the Satilla River estuary by closing obsolete navigation cuts	Laura Early
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3:30 – 3:45	Cutoff bend restoration on the Savannah River	Tonya Bonitatibus
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3:45 – 4:00	Daily GA-EPD sewage spills report: how that happened, what's in them, and what to do about them	John Quarterman
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4:00 – 4:30	PANEL DISCUSSION - RIVERKEEPERS	
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6:00 - 8:00 AWARDS BANQUET AND ANNUAL RAFFLE



2019 GA-AFS Annual Meeting Program



Thursday, January 25, 2018

SESSION 4: PROFESSIONAL TALKS

9:05 – 9:20	Georgia's intertidal oyster and artificial reefs: an aerial perspective on spatial and geomorphological change	Cameron Brinton
9:20 – 9:35	Modeling distribution of endemic Bartram's Bass, congeners, and hybrids in the Savannah River basin	Brandon Peoples
9:35 – 9:50	Behavioral variation across sexes in an isolated Shoal Bass population	Amy Cottrell
9:50 – 10:05	Shoal Bass Conservation – Watershed Protection through the ACF Threats Assessment: An Innovative Decision Making Support Tool	Vance Crain

BREAK

10:25 – 10:40	Using Specialized Anglers to Assess a Trophy Florida Bass Fishery in Calling Panther Lake, Mississippi	Tim Bonvechio
10:40 – 10:55	Current Trends for Trophy Bass Management	Greg Grimes
10:55 – 11:10	Reservoir Habitat Enhancement in Georgia	Scott Robinson

11:10 – 11:20

CLOSING COMMENTS

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