



Georgia Chapter of the American Fisheries Society

2018 Annual Meeting

January 23 – 25, 2018
Unicoi State Park and Lodge
Helen, GA



2017 GA-AFS Annual Meeting Program



Tuesday, January 23, 2018

10:00 - 12:00	Registration	
12:30 - 12:40	Welcome/Opening Comments	Peter Sakaris
12:40 - 1:00	State of the State (Freshwater)	Matt Thomas
1:00 - 1:20	State of the State (Marine)	Patrick Geer
1:20 – 1:25	Session 1: Student Presentations	
1:25 – 1:40	Importance-Satisfaction Perceptions of Georgia Trout Anglers	Hailey Yondo
1:40 – 1:55	Economic Value of Recreational Fishing on Walter F. George Reservoir (aka Lake Eufaula), Alabama and Georgia	Jeremy Plauger
1:55 – 2:10	Monitoring the Dispersal, Behavior, and Fate of Stocked Rainbow Trout <i>Oncorhynchus mykiss</i> in an Alabama Tailwater	Sarah Walsh
2:10 – 2:25	BREAK	
2:25 – 2:30	Session 1: (continued)	
2:30 – 2:45	Investigating Potential Cyanotoxin Exposure in Georgia Fishes	Alex Pelletier
2:45 – 3:00	Nitrate Acute Toxicity and Effects on Metamorphosis in Freshwater Mussels	Adrian Parr Moore
3:00 - 3:15	Assessing the Toxicity of a Novel Cyanobacteria on Native Macrophytes and Through a Trophic Transfer Study via Water Snakes	Melissa Martin
3:15 – 3:30	Genetic Investigations of Novel Toxic Epiphytic Cyanobacteria	Mandy Howard
3:30 – 3:45	Environmental Estrogenicity of Water and Sediment within an Agricultural Watershed: Relationship with the Incidence of Testicular Oocytes	Matthew Urich
3:45 – 4:00	BREAK	
4:00 - 4:05	Session 1: (continued)	
4:05 - 4:20	Bioassessments Techniques for Benthic Macroinvertebrate in the Savannah and Ogeechee River	Kelsey Laymon
4:20 – 4:35	Spatial Ecology of Shoal Bass in Two Chattahoochee River Tributaries	Amy Cottrell
4:35 – 4:50	How Consistent are Coastal Plain Stream-fish Assemblages Over Time?	Rebecca Scott
4:50 – 5:05	Analysis of Creek Chub Life History Strategies in High- and Low-impact Urban Streams	Ashley Fredricks
5:15 – 6:15	BUSINESS MEETING	
7:30 – 11:00	POSTER SESSION AND SOCIAL	



Tuesday, January 23, 2018

Poster Session

--Professional--

Validation of Estimated Sicklefin Redhorse Growth from Pectoral Fin Rays Using Observed Growth Rates from Recaptured Individuals Johnathan Davis

--Student--

Biomonitoring of Ogeechee River Invertebrate Assemblages: Patterns of Community Structure Julien Buchbinder

Effect of Septic Systems on Nitrogen and Phosphorus Loading in Chatuge Reservoir Caroline Cox

Comparison of Spotted Bass Populations Among Three North Georgia Reservoirs Sarah Gossett

Nesting Microhabitat Use of Bartram's Bass in the Upper Savannah River Basin Emily Judson

Effect of MS-222 Dosages on Sedation and Recovery Time of Two Non-game Fishes Elizabeth Lowe

Changes in Trophic Linkages due to Anthropogenic Disturbances in Florida's Coastal Lakes Steven Nanez

Parasite Diversity of Invasive Blue Catfish, *Ictalurus furcatus*, in the Satilla River Adriana Perrucci



Wednesday, January 24, 2018

7:30 – 8:15 Fellowship of Christian Conservationists		
8:30 - 8:35 Session 2: Student Presentations		
8:35 – 8:50	Evaluating the VI Alpha Tagging Method for Marking Redbreast Sunfish	Daniel Malcom
8:50 – 9:05	Using Cohort Age Analysis to Understand Spawning Patterns in Atlantic Sturgeon	Adam Fox
9:05 – 9:20	Annual Recruitment and Habitat Use of Juvenile Gulf Sturgeon in the Apalachicola River, FL	Nathaniel Hancock
9:20 – 9:35	Annual Mortality of Atlantic Tripletail in Coastal Georgia and Florida: Implications for Managing the Recreational Fishery	Alexander Cummins
9:35 – 9:50	Techniques to Improve Production of Off-bottom Cultured Oysters	Shannon Kirk
9:50 – 10:05 BREAK		
10:05 - 10:10 Session 3: Professional Presentations (Marine)		
10:10 – 10:25	Georgia’s Coastal Lagoons: Source or Sink?	Ryan Harrell
10:25 – 10:40	Adult Red Drum and Shark Longline Survey	Donna McDowell
10:40 – 10:55	Georgia’s Coastal Telemetry Array and Its Contribution to Cobia Management	Chris Kalinowsky
10:55 - 11:05	Update and Assessment of Georgia’s Horseshoe Crab Abundance Index	Lindsey Aubart
11:05 -11:20	South Atlantic Fishery Management Council’s Citizen Science Program	Bryan Fluech
11:20 - 1:00 LUNCH (On Your Own)		
1:00 - 1:05 Session 4: Recent advances in fish production and Georgia fish stocking programs (Symposia)		
1:05 – 1:20	Georgia’s Walleye Program	Anthony Rabern and Clint Peacock
1:20 – 1:35	Aflatoxins in Feed Stored at Bobby N. Setzer State Fish Hatchery	Adam Moticak
1:35 – 1:50	Smallmouth Bass Production in Georgia: The First Steps	Clint Peacock
1:50 – 2:05	Intensive Pond-based Production Systems for Aquaculture	Luke Roy
2:05 – 2:20	Overview of the Georgia Trout Stocking Program	John Lee Thomson
2:20 – 2:35 BREAK		
2:35 – 3:30 Career Panel – Entering and Advancing in the Fisheries Workforce		



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3:30 – 3:35	Session 5: Professional Presentations (Freshwater)	
3:35 – 3:50	40 Years of Black Bass Tournaments in Georgia	Clint Peacock
3:50 - 4:05	The Changing Face of Energy: What Does it Mean for Fisheries in Georgia?	Patrick O'Rourke
4:05 – 4:20	Development of an Interjurisdictional, Rangewide Management Plan for Shoal Bass	Steve Sammons
4:20 - 4:35	Largemouth Bass (<i>Micropterus salmoides</i>) Enhancement Stocking in West Point Lake, Georgia	Brent Hess
4:35 – 4:50	Improving aquatic connectivity at White Dam on the Middle Oconee River – A collaborative approach	Jay Shelton
6:00 - 8:00	BANQUET AND ANNUAL RAFFLE	
8:00 – 11:00	SOCIAL IN DOGWOOD ROOM	

Thursday, January 25, 2018

9:00 - 9:05	Session 5: continued	
9:05 – 9:20	Adventures in Course-Embedded Undergraduate Research (CUREs): an investigation of a non-native blue catfish population in the Satilla River, Georgia	Peter Sakaris
9:20 – 9:35	Incorporating Fishing and Fisheries Conservation into the Curriculum through STEM Education and Service Project-based Learning	Marion Baker
9:35 – 9:50	Seasonal Food Habits of Introduced Blue Catfish in Lake Oconee, Georgia	Cecil Jennings
9:50 – 10:05	Proposed Standard Weight (Ws) Equation and Standard Length Categories for Shoal Bass <i>Micropterus cataractae</i>	Tim Bonvechio
10:05 – 10:20	Conservation Genetics of Roanoke Bass, a Declining Sportfish of Eastern North America	James Roberts
10:20 – 10:35	Genetic Relationships Among Georgia Black Bass	Bryant Bowen
10:35 – 10:45	CLOSING COMMENTS	
ADJOURN		