

Thursday, February 20							
	Windsor A	Windsor B	Victoria	Alexander	Swannanoa	Berkley	Cherokee
Start Time	Best Student Presentation Competition (undergrad & PhD)	Best Student Presentation Competition (MS)	Invasive Species I	Aquatic Connectivity I	Biodiversity I	Salmonids in the Southeast I	The 5th Biennial American Eel Symposium
	Moderator: Shawna Fix	Moderator: Gaby Shay	Moderator: Mike Kaller	Moderator: Kat Hoenke	Moderator: Mark Scott	Moderator: Dylan Owensby	Moderator: Robby Maxwell
8:00	Unraveling the drivers of multifaceted homogenization and differentiation of invaded stream fish communities across the conterminous United States  <i>William Annis</i>	Sheepshead <i>Archosargus probatocephalus</i> movements across subsystems in the Mississippi Sound  <i>Alyssa Pagel</i>					
8:20	Impact and introgression of invasive Alabama Bass on native Tennessee Black Bass  <i>Thomas Miles</i>	Multiscale drivers of Bearded Darter occupancy in the Ouachita Highlands  <i>Madeline Schumacher</i>			Phylogenetic conservation priorities of freshwater fishes in North Carolina  <i>Patrick Ciccotto</i>	Genomics in action: leveraging new insights for native Brook Trout management  <i>Nadya Mamoozadeh</i>	A collaborative approach to assessing American Eel <i>Anguilla rostrata</i> recruitment in Texas  <i>Stephen Curtis</i>
8:40	Fish freeways: how rock ramps are helping prairie streams flow again  <i>Bryan Callahan</i>	Age structure, growth, and movement of Mangrove Snapper <i>Lutjanus griseus</i> in the mouth of the Pascagoula River, Mississippi  <i>Joshua Perry</i>	Seasonal variation in invasive suckermouth armored catfish distributions and habitat use: an integrated approach with implications for broad-scale population control  <i>Robert Mollenhauer</i>	NC Act and TACT - Dam removal lessons learned across state lines  <i>Anabel Winitzky</i>	Evaluating the habitat suitability index for Bluenose Shiner populations in panhandle Florida rivers  <i>Kallie Thornhill</i>	A framework for tracking spatial and temporal dynamics of North Carolina's Brook Trout populations  <i>Maggie Coffey</i>	Recruitment of American glass eels <i>Anguilla rostrata</i> to northeast Florida: insights from a 25-year fishery-independent survey  <i>Eric Johnson</i>
9:00	Age structured SIRS epidemiological model of Largemouth Bass Virus  <i>Joseph Kingsbury</i>	Incorporation of acoustic telemetry data into per-recruit models for Southern Flounder  <i>Calvin Chee</i>	Invasive fishes in Virginia - perspectives gained from managing Blue Catfish, Northern Snakehead, and Alabama Bass  <i>Mike Bednarski</i>	Utilizing realtime water level monitoring to improve understanding of aquatic organism passage in road-stream crossings  <i>Lesley Twiner</i>	Habitat use and reproductive dynamics reveal life-history differences among sympatric buffalofishes of the lower Red River  <i>Jeff Stevens</i>	Using nature's own tools to expedite climate adaptation  <i>Zachery Zbinden</i>	Age and growth of American Eel in lower St. Johns River in northeast Florida  <i>Kimberly Bonvechio</i>
9:20	Dispersal, distribution, escapement, and survival of fry-stocked and advanced fingerling Walleye in an Iowa reservoir  <i>W. Robert Cope</i>	Exploring the distribution and occupancy of the Rocky Shiner in Arkansas  <i>Savannah Wise</i>	Current status of catfish in North Florida rivers  <i>Morgan Winstead</i>	The gravel monster! Finding opportunities buried in the bedload  <i>Eric Rahm</i>	Saving America's fish in the French Broad River: Gizzard Shad  <i>Luke Etchison</i>		Seasonal movements of Yellow and Silver American Eels within the Pensacola Bay complex  <i>Chelsea Myles-McBurney</i>
9:40	Break						
10:00							
Start Time	Best Student Presentation Competition (undergrad & PhD)	Best Student Presentation Competition (MS)	Invasive Species II	Aquatic Connectivity II	Biodiversity II	Salmonids in the Southeast II	The 5th Biennial American Eel Symposium
	Moderator: Justin Dycus	Moderator: TJ Johnson	Moderator: Steve Midway	Moderator: Emily Granstaff	Moderator: Corey Dunn	Moderator: Jake Rash	Moderator: Robby Maxwell
10:20	Trophic ecology and perfluoroalkyl substance (PFAS) body burden in Dolphinfinh across ocean basins  <i>Alexandra Prouse</i>	Brown Trout population characteristics and dynamics in the Greers Ferry tailwater, Arkansas  <i>Nolan Miller</i>	Continuation of a collaborative approach on an interjurisdictional Bighead Carp population in Grand Lake O' the Cherokees, Oklahoma  <i>Kamdyn VanDorn</i>	Prioritizing aquatic connectivity activities for the recovery of the Slackwater Darter  <i>Emily Granstaff</i>	Development of a standardized quantitative framework for evaluating imperilment of southeastern crayfishes  <i>Sara Cathey</i>	Diets of stocked Rainbow Trout in West Virginia streams  <i>Kyle Hartman</i>	American Eel Breakout Session
10:40	Assessing scales of temporal inference for stream fish assemblage structure in the San Saba and Llano rivers  <i>Thomas Dodson</i>	Factors influencing long-term trends in Brook Trout production in West Virginia headwater streams  <i>Halden Edwards</i>	Juvenile recruitment and habitat use of Silver Carp in the lower Arkansas and lower White rivers  <i>Allison Copeland</i>	Effects of anthropogenic stream barriers on Sandhills Chub <i>Semotilus lumbee</i> population genetics  <i>Riley Phelps</i>	Lessons learned after a decade of augmenting freshwater mussel populations in Eastern North Carolina  <i>Langston Haden</i>	Using stationary radio telemetry to determine survival and large scale movement patterns of Brown Trout related to environmental variables in the Little Red River  <i>Hayden Wall</i>	

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11:00	Quantifying the bias associated with spatial vs temporal replication in single season occupancy models: an application for rare freshwater mussels  <i>Michael Baker</i>	Assessing controls on stream fish assemblages across a flow-intermittency gradient  <i>Mark Rine</i>	Population monitoring efforts of Bigheaded Carp in the Tennessee and Cumberland rivers  <i>Jennifer Caudle</i>	American Shad passage on the Cape Fear River: evaluating the effects of environmental flows and a nature-like fishway  <i>Margaret Gaither</i>	Refining Tar River Spiny mussel <i>Parvaspina steinstansana</i> broodstock collection using eDNA  <i>Michael Walter</i>	Longitudinal fish assemblage changes past the managed coldwater sport fishery on the Little Red River  <i>Levi Olhausen</i>	American Eel Breakout Session	
11:20	Using electron transport system to predict the thermal tolerance of SWAP listed fish species  <i>Jacob Daley</i>	Recruitment patterns of larval fishes: influence of tributaries and temporal variation in the Lower Ogeechee River Basin, GA  <i>Bridgette Nicolosi</i>	Comparison of coastal and inland Silver Carp <i>Hypophthalmichthys molitrix</i> trophic impacts on native fishes in southern river drainages of Louisiana  <i>Bailey Pentz</i>	Dam removal to reconnect diadromous fish to historical habitats across the Rapidan - Rappahannock River Basin, Virginia  <i>Shawn Young</i>	eDNA assisting in conservation of Robust Redhorse  <i>Daniel Farrae</i>	Collaborating with stakeholders to develop the Arkansas Statewide Trout Management Plan  <i>Christy Graham</i>		
11:40	Student - Mentor Lunch 11:40 AM - 1:00 PM							
12:00								
12:20								
12:40								
Start Time	Best Student Presentation Competition (undergrad & PhD)	Best Student Presentation Competition (MS)	Stocking Evaluation and Use of Propagated Fish I	Striped Bass	Telemetry	Habitat and Water Quality		
	Moderator: Ryan Heise	Moderator: Luke Etchison	Moderator: Tanya Darden	Moderator: Mason Collins	Moderator: Amanda Rosenberger	Moderator: Jennifer Dunn		
13:00	Quantifying movements of five fish species in the lower Alabama River, Alabama, USA  <i>Justin Kowalski</i>	Water temperature may be a limiting factor for species reintroductions in the upper Little Tennessee River Basin  <i>Atley Elliott</i>	Brown Trout post stocking survival in Lake Jocassee, SC  <i>William Wood</i>		Maintenance and upkeep of a large acoustic telemetry array on the greater Pensacola Bay system  <i>Calvin Beech</i>	Long-term aquatic habitat monitoring of Florida lakes in support of fisheries management and research  <i>Kevin Johnson</i>		
13:20	Barriers broken: genetic swamping in restored Brook Trout populations  <i>Rebecca Smith</i>	Hidden in plain sight: high-resolution stream networks reveal habitats for petitioned burrowing crayfishes  <i>Devin Raburn</i>	Evaluation of Shoal Bass stocking efforts on a Florida River impacted by Hurricane Michael  <i>Ryan Henry</i>	Estimating recreational catch and release mortality of Striped Bass  <i>Rachel Kelmartin</i>	Survival of age-0 Alligator Gar following surgical implantation of acoustic transmitters  <i>Lisa Izzo</i>	Revitalizing lake ecosystems: sediment remediation, nutrient dynamics, and benthic activity improvements using TryMarine technology in Brickhouse Lake  <i>David Beasley</i>		
13:40	Llano River Carpsucker or Hill Country Quillback? Molecular hypotheses reveal insights into the diversity of Texas Carpoides inhabiting the Edwards Plateau  <i>Hayden Roberts</i>	Over the waterfall: phenotypic plasticity in four stream fishes across an intermittent waterfall  <i>Risa McCollough</i>	A comparison of wild and stocked F1 Largemouth Bass in Smith Mountain Lake, Virginia  <i>Daniel Wilson</i>	Finally fishing for a living: results of the Roanoke River Striped Bass catch-and-release mortality study  <i>Jeremy McCargo</i>	Quantifying component mortality rates of juvenile salmonids using predation detection acoustic tags (PDATs)  <i>Elizabeth Greenheck</i>	A statewide survey of pharmaceutical exposure: Red Drum in Florida estuaries  <i>Andy Distrubell</i>		
14:00	Stream fish species richness and base flow in the United States  <i>Matthew Zink</i>	Seasonal community occupancy of fishes in a South-Central Plain headwater stream  <i>Tara Schnelting</i>	Evaluation of stocked Rainbow Trout as trophy bass forage in Florida Lakes  <i>Andrew Dutterer</i>	Summer catch-and-release mortality of Striped Bass in Smith Moutain Lake, Virginia  <i>Nathan Smith</i>	Independent testing of PIT tags: advancing biotelemetry standards for fisheries and wildlife management  <i>Joshua Murauskas</i>	Regional variation in mercury among Brazos River Alligator Gar <i>Atractosteus spatula</i>  <i>Zachary Moran</i>		
14:20	Evidence of primary nursery usage of the Lemon Shark on Georgia barrier islands  <i>Andrew Lyons</i>	The co-occurrence and habitat characteristics of invasive Red Swamp Crayfish and two regionally-endemic Procambarus taxa in southeastern North Carolina  <i>Robert Adams</i>	The utility of parentage-based tagging data in hatchery management and aquatics conservation  <i>Kara Carlson</i>	First year movement and survival of stocked Striped Bass in the Great Pee Dee River inferred from individually marked fish  <i>Jason Doll</i>	Examining size bias of Largemouth Bass electrofishing with new technologies  <i>Nathanael Hull</i>	An update on the classification and determination of Striped Bass <i>Morone saxatilis</i> natal origins in the Arkansas River, OK  <i>Alexis Whiles</i>		

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14:40	Introgressive speciation and sympatry of Pirate Perches in the southeastern United States  <i>Tyler Muller</i>	Estimating population abundance and growth rates of Sandhills Chub <i>Semotilus lumbee</i> from two NC Sandhills headwater streams  <i>Zachary Ramsey</i>	The development of triploidy induction methods for hybrid Striped Bass production  <i>Samuel Garcia Vazquez</i>	Movements of Gulf Striped Bass in the Pensacola Bay watershed  <i>Bradford Warland</i>	Movement patterns and environmental factors influencing White Bass spawning migrations from a North Carolina reservoir  <i>Seth Mycko</i>	Evaluating effects of lake renovation on growth rates of Largemouth Bass in Karick Lake Florida  <i>Matt Wegener</i>	
15:00	Break						
15:20							
Start Time	Best Student Presentation Competition (undergrad & PhD)	Best Student Presentation Competition (MS)	Stocking Evaluation and Use of Propagated Fish II	Aquatic Connectivity III	Methods and Modeling I	General Session	
	Moderator: Margaret Gaither	Moderator: Kyle Rachels	Moderator: Clint Morgeson	Moderator: Kaelyn Fogelman	Moderator: Deon Kerr	Moderator: Nadya Mamoozadeh	
15:40	Measuring and predicting fish movement following large-scale river ecosystem restoration  <i>Jacob Barrett</i>	Assessment of contaminants to freshwater mussels in the Conasauga River  <i>Molly Martin</i>	Muskellunge use of constructed floodplain sloughs in western North Carolina  <i>Amanda Bushon</i>	So, you want to purchase and remove a 100-year old FERC licensed hydropower dam: early reflections on the Ela Dam removal project, Oconaluftee River, North Carolina  <i>David Brown</i>	Evaluating detection of temporal trends in long-term freshwater fisheries data to inform future monitoring efforts  <i>Kimberly Bonvechio</i>	New vs. old: comparing eDNA metabarcoding with conventional electrofishing sampling in degraded headwaters of western Tennessee  <i>Tony Kumetis</i>	
16:00	Ontogenetic shift in the diet of invasive Mayan Cichlids <i>Mayaheros urophthalmus</i> in Wolf Branch Creek Nature Preserve, Tampa, Florida  <i>Adam Cieslik</i>	Paddlefish <i>Polyodon spathula</i> spawning substrate availability and movement in William "Bill" Dannelly Reservoir and the lower Cahaba River, Alabama  <i>Kalli Parauka</i>	The strategy and science behind Walleye stocking and management in western North Carolina reservoirs  <i>David Goodfred</i>	Bridging science and community: Troy University's role in the Elba Hydroelectric Dam removal project on the Pea River  <i>Kaelyn Fogelman</i>	Using species distribution models to inform conservation of freshwater fish Species of Greatest Conservation Need  <i>Colby Denison</i>	Using a combination of habitat modeling and environmental DNA surveillance to determine the presence and distribution of critically imperiled, benthic, and cryptic fish  <i>Hannah Swain-Menzel</i>	
16:20	Variation in lateral-line shape in darters (Percidae: Etheostomatinae)  <i>Randolph Bowman</i>		Restoring a population in decline: successes and challenges of southern Walleye management  <i>Christopher McKee</i>	Exchange of juvenile Atlantic Tarpon <i>Megalops atlanticus</i> between a mosquito impoundment and the Indian River Lagoon Estuary  <i>Eli Bradley</i>	Blue and Channel catfish gill net selectivity in Texas Reservoirs  <i>Lynn Wright</i>	Evaluation of recruitment variability factors and indexing techniques for Channel Catfish in Oklahoma  <i>Austin Griffin</i>	
16:40	Microhabitat use of Turquoise Darters <i>Etheostoma inscriptum</i> in piedmont streams of South Carolina  <i>Kathryn Lusk</i>		Attempting biological control of White Perch in Oklahoma  <i>Jeremy Duck</i>	Patterns of larval fish assemblage structure across a regulated river  <i>Madison Niles</i>	Potential quick method to predict body composition in fish using dual-energy x-ray  <i>Anthony Overton</i>	Proposed standard weight equation and standard length categories for Flier  <i>Timothy Bonvechio</i>	



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Start Time	Hurricane Helene	Habitat, Thermal, and Climate Change	Sturgeon II	Fisheries Management II		
	Moderator: Lucie Law	Moderator: David Young	Moderator: Aaron Gray	Moderator: Kyle Rachels		
10:40	Survey results: compilation of surveying efforts to assess impacts of Hurricane Helene  <i>Lucie Law</i>	Environmental factors related to the hatch timing of riverine fishes affected by hydropower generation  <i>Mariaguadalupe Vilchez</i>	Riverine movements of Gulf Sturgeon <i>Acipenser desotoi</i> in the Pearl and Pascagoula rivers  <i>Michael Andres</i>	Gastric lavage shows promise as a non-lethal diet extraction method for darters (Etheostomatinae)  <i>Kyler Hecke</i>		
11:00	Hurricane Helene Breakout Session	Leveraging a spatiotemporally large dataset to test predictions of life-history theory  <i>Langston Haden</i>	Overwinter survival of juvenile Gulf Sturgeon in the Apalachicola River, Florida  <i>Russell Wilson</i>	Black Crappie installed habitat utilization in Lake Keowee, SC  <i>William Wood</i>		
11:20		Long term effects of climate change on ichthyoplankton populations of coastal Georgia  <i>Bradley Cayson</i>	A robust design model to assess survival of Atlantic Sturgeon in the Altamaha River  <i>Alan Bond</i>	Blue Catfish diets in the Santee Cooper system  <i>Zach Dailey</i>		
11:40						