

**44th Annual Meeting of the
Florida Chapter of the
American Fisheries Society**

May 14th –16th, 2024

Guy Harvey Resort

St. Augustine Beach, Florida



The Florida Chapter of the American Fisheries Society

Chapter Officers

President: Ed Camp, UF

President-Elect: Angela Collins, UF

Past President: Chelsey Crandall, FWC

Secretary-Treasurer: Steve Beck, FWC

Major Contributors to our Annual Meeting

Webmaster: Jason O'Connor, FWC

Newsletter Editor: Kyle Miller, FWC

Raffle Chairs: Amanda Croteau, UWF, Geoff Smith, NWFSC, & Chelsey Crandall, FWC

Dennis Panches Student Travel Award: Allison Durland Donahou, FL Southern College &

David Kerstetter, Nova Southeastern University

Roger Rottmann Memorial Scholarship: Dan Nelson, UF

Rich Cailteux & Outstanding Achievement Awards: Eric Nagid, FWC

Membership Database Manager: Larry Connor, FWC (retired)

Special thanks to

Symposium participants & all presenters

Career Panel Moderator: Joy Hazell

& Panelists:

John Galvez, Eric Nagid, Bridgette Froeschke, Jeff Hill, Matt McKinney & Lisa Hollensead

All moderators & judges

*Student Presentation, **Presenter**

AFS MEETINGS CODE OF CONDUCT

AFS is committed to providing a safe, productive, and welcoming environment for all meeting participants

Purpose: American Fisheries Society (AFS) meetings are among the most respected scientific meetings of fisheries professionals in the natural resource scientific community. AFS values the diversity of views, expertise, opinions, backgrounds, and experiences reflected among all attendees, and is committed to providing a safe, productive, and welcoming environment for all meeting participants and AFS staff. All participants, including, but not limited to, attendees, speakers, volunteers, exhibitors, staff, service providers, and others, are expected to abide by this Meetings Code of Conduct. This Code of Conduct applies to all AFS meeting-related events, including those sponsored by organizations other than AFS but held in conjunction with AFS events, in public or private facilities.

Expected Behaviors:

- Treat all participants, attendees, AFS staff, and vendors with respect and consideration, valuing a diversity of views and opinions, and critiquing ideas rather than individuals.
- Refrain from demeaning, discriminatory, or harassing behavior and speech directed toward other attendees, participants, AFS staff, and suppliers/vendors.
- Be mindful of your surroundings and of your fellow participants. Alert AFS staff or venue event staff if you notice a dangerous situation or someone in distress.
- Respect the rules and policies of the meeting venue, hotels, AFS-contracted facility, or any other venue.
- To foster a welcoming environment, assist AFS members with impaired physical or cognitive abilities, if necessary.

Unacceptable Behaviors:

- Harassment, intimidation, or discrimination in any form is unacceptable. Harassment includes speech or behavior that is not welcome or is personally offensive. Behavior that is acceptable to one person may not be acceptable to another, so use discretion to be sure respect is communicated. Harassment intended in a joking manner still constitutes unacceptable behavior. Regardless of your intent, if you are advised directly or by another party that some aspect of your speech or behavior at an AFS meeting is harassment, you are expected to stop engaging in such speech or behavior.
- Do not physically or verbally abuse any attendee, speaker, volunteer, exhibitor, AFS staff member, service provider, or other meeting guest.
- Examples of unacceptable behavior include, but are not limited to, unwelcome or offensive verbal comments related to age, appearance, or body size, employment or military status, ethnicity, gender identity and expression, individual lifestyle, marital status, national origin, physical or cognitive ability, political affiliation, sexual orientation, race, or religion. Harassment can also include the use of sexual and/or discriminatory images in public spaces or in presentations; deliberate intimidation; stalking; following; harassing photography or recording; sustained disruption of talks or other events; bullying behavior; inappropriate physical contact; and unwanted sexual attention.
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Consequences:

- Anyone requested to stop unacceptable behavior is expected to comply immediately.
- Consequences to unacceptable behavior will be determined by the AFS Ethics and Professional Conduct Committee in conjunction with AFS officers and the AFS Executive Director.
- Consequences may include one or more of the following actions: Dismissal from the meeting without refund, reporting to your agency, exclusion from any future AFS (sub unit/chapter/division) meetings for five years, revoke of AFS membership without the opportunity for renewal for five years; if the offense is criminal, local law enforcement will be contacted.

Reporting Unacceptable Behavior: Anyone experiencing or witnessing behavior that constitutes an immediate or serious threat to public safety at any time should contact local law enforcement (by calling 911) and immediately notifying facility security without delay. If you are not in immediate danger but feel that you are the subject of unacceptable behavior, you are encouraged to file a formal complaint to the AFS Ethics and Professional Conduct Committee and/or an AFS officer or the AFS Executive Director which will then be forwarded to the Ethics and Professional Conduct Committee for assessment.

***Student Presentation, Presenter**

44th Annual Meeting of the Florida Chapter American Fisheries Society

May 14 – 16, 2024

Guy Harvey Resort, St. Augustine Beach, Florida

Schedule-at-a-Glance

Tuesday, May 14th

10:00am – 6:00pm Registration (Lobby)

1:00pm – 1:15pm Announcements and Welcome (Nautilus Ballroom)

1:15pm – 5:30pm Contributed Papers (Nautilus Ballroom)

6:00pm – 7:00pm Dinner (Nautilus Ballroom)

7:00pm – 8:00pm Formal Poster Session (Fairwinds Ballroom, Nautilus Ballroom & Lobby)
Followed by BEACHSIDE SOCIAL
FISH TRIVIA begins at 9 pm in Nautilus Ballroom

Wednesday, May 15th

7:00am – 6:00pm Registration (Lobby)

7:00am – 8:10am Breakfast (Nautilus Ballroom)

8:10am – 8:15am Announcements and Welcome (Nautilus Ballroom)

8:15am – 12:00pm Symposium: *The Role of Fisheries Science in the Evolution and Evaluation of Restoration Initiatives* (Nautilus Ballroom)

12:00*pm – 1:00pm Lunch (Nautilus Ballroom – **student/mentors get front of line!*)

1:00pm – 3:30pm Symposium Part 2: *The Role of Fisheries Science in the Evolution and Evaluation of Restoration Initiatives* (Nautilus Ballroom)

4:00pm – 4:30pm Student Subunit Meeting (Nautilus Ballroom)

4:30pm – 5:30pm Chapter Business Meeting & Award Presentations (Nautilus Ballroom)
Student Awards: *Dennis Panches Travel and Roger Rottmann Scholarship*
Professional Awards: *Rich Cailteux and Outstanding Achievement*

6:00pm – 7:00pm Dinner (Nautilus Ballroom)
followed by RAFFLE, AUCTION (Nautilus Ballroom) & BEACHSIDE SOCIAL

Thursday, May 16th

7:00am – 8:10am Breakfast (Nautilus Ballroom)

7:00am – 9:00am Registration (Lobby)

8:10am – 8:15am Announcements and Welcome (Nautilus Ballroom)

8:15am – 12:00pm Contributed Papers (Nautilus Ballroom)

12:00pm – 1:00pm Lunch & Meeting Awards: (Nautilus Ballroom)
Best Papers/Best Posters
Power Tie
Lampshade Awards

1:15pm – 3:15pm Continuing Education Workshop: “Career Panel” (Nautilus Ballroom)

3:15pm *SAFE TRAVELS HOME*

*Student Presentation, **Presenter**

Day-By-Day Agenda – 44th Annual Meeting, 2024 - Florida Chapter American Fisheries Society

Tuesday, May 14th

10:00am Meeting Registration and Check-in Opens

*Hotel check-in *may* be available early on a room-by-room basis, but standard is 4pm*

Tues. AM

Welcome Address

1:00pm – **Ed Camp**, Florida AFS Chapter President

Tues. PM

Contributed Papers 1

Moderator: Angela Collins, UF

1:15pm – **Crandall, C.**, P, Rodgers, A, Mallinak and R, Bratton. Understanding the human dimensions of recreational fisheries bycatch and depredation

1:30pm – **Dotson, J.**, A, Martin and D, Dutterer. Florida: Trophy Bass Fishing Capital of the World?

1:45pm – **Martin, A.**, J, Dotson and D, Dutterer. The Florida Trophy Bass Project.

2:00pm – **Nelson, D.**, B, Thompson and S, Bisping. Fish Attractor Design: Results from two Central Florida lakes.

2:15pm – **Lehmensiek, M.**, and A, Mallinak. The Lobster Mini Season Survey: Learning About A Special Fishery.

2:30pm – **Murie, D.**, D, Parkyn, C, Koenig, F, Coleman, C, Malinowski, J, Cusick and R, Ellis. Age, Growth, and Functional Gonochorism with a Twist of Diandric Protogyny in Goliath Grouper from the Atlantic Coast of Florida.

2:45pm – **Ehnert-Russo, S.**, and C, McIntyre. Utilizing ArcGIS Quick Capture to observe trap distribution of the northeast Florida commercial blue crab fishery.

3:00pm – **Heagey, B.** Form Follows Function: Best Fisheries Monitoring Gear in the Eastern Gulf of Mexico.

3:15pm – BREAK

Contributed Papers 2

Moderator: Jason Dotson, FWC

3:30pm – **Freedman, J.**, E, Dean and W, Daniel. Assessing the risk of establishment of non- native *Dreissena* species mussels and their impacts in Florida.

3:45pm – ***Everett, K.**, Q, Tuckett and J, Hill. First of Its Kind: Invasion Risk of a Novel Amphibian, the Rio Cauca Caecilian, *Typhlonectes natans*.

4:00pm – ***Robertson, S.** Community Composition of Central Florida Lakes.

*Student Presentation, **Presenter**

4:15pm – **Froeschke, B.**, and J, Froeschke. The Role of Non-native Freshwater Fish Species in the Structure of Southwest Florida Waterways.

4:30pm – **Blanar, C.** Parasite-induced alterations in sociality and behavior in estuarine and coastal fishes

4:45pm – ***Klingler, C.**, D, Kerstetter and C, Blanar. Metazoan endoparasites of king mackerel (*Scomberomorus cavalla*) as possible biological tags.

5:00pm – ***Trabelsi, S.**, C, Malinowski, N, Castillo, J, Perrault, A, Distrubell, N, Stacy, R, James, R, Santos, C, Cray and J, Rehage. Effects of Pharmaceutical Exposure on Wild Fish Health: A Survey of Red Drum Across Florida Estuaries.

5:15pm – ***Distrubell, A.**, N, Castillo, W, Ryan James, S, Trabelsi, R, Santos, D, Cerveny, R, Rezek, R, Boucek, A, Adams, J, Fick, T, Brodin and J, Rehage. A Statewide survey of pharmaceutical exposure: Red Drum in Florida estuaries.

5:30pm – BREAK

6:00pm – 7:00pm **Dinner**

7:00pm – 8:00pm **Formal Poster Session** (Beverages and snacks in the poster area)
Followed by BEACHSIDE SOCIAL
FISH TRIVIA begins at 9 PM (Nautilus Ballroom)

*Student Presentation, **Presenter**

Poster Session (7:00pm – 8:00pm)

(In alphabetical order by presenting author)

***Baggs, A.**, and A, Cogley. Dispersal patterns of Tilapia Oreochromis spp. in the St. Johns River Basin lakes.

Barthel, B., A, Strickland, C, Paxton, R, Henry and B, Winston. Genetic impacts of Shoal Bass stocking in the Chipola River, Florida.

Beltran, D., B, Hutchinson, K, Gestring and S, J. Stanley. Efficacy of Gastric Lavage for Stomach Content Analysis of Bullseye Snakehead (*Channa marulius*) and Butterfly Peacock Bass (*Cichla ocellaris*).

Blanco, V. Artificial reef fish monitoring on a citizen science-based program in Taylor County, Florida.

***Bovee, E.**, and D, Murie. Adult Movement and Larval Dispersion of Gray Snapper (*Lutjanus griseus*) from Spawning Aggregations off the West Coast of Florida.

Bradley, E., and S, Webb. Exchange of juvenile tarpon (*Megalops atlanticus*) and common snook (*Centropomus undecimalis*) between a mosquito impoundment and the Indian River Lagoon estuary.

Bratton, R., A, Mallinak, C, Crandall, P, Rodgers, C, Cáceres and B, Stys. Fishing perspectives in the Hispanic community: generational differences in fishing participation

***Carson, A.**, B, Froeschke, Z, Golden, T, Bleau, P, Peralta and A, Hodges. Updating Descriptions of Essential Fish Habitat (EFH) for Federally Managed Gulf of Mexico Finfish and Shrimp Species.

CEC (Croteau, C., K, Bonvechio, C, Crandall, S, Harrison, C, Murray, K, Perez, M, Shaffer and Q, Tuckett). The Community and Engagement Committee (CEC) wants to hear from you!

Corriveau, M., J, Lemus, K, Mesner, K, O'Neil, J, Taylor and S, Coyle. Preliminary Experiments Evaluating the Potential to Eliminate the Need for Artemia During the Intensive Culture of Larval Red Drum (*Sciaenops ocellatus*).

Dickerson, B. Long-Term Aquatic Vegetation Monitoring of Florida Lakes.

***Eggenberger, C.**, R, Santos, and J, Rehage. Does movement strategy selection drive trophic niche separation in recreational mesoconsumer fishes?

***Exton, L.**, D, Kerstetter, J, Schieber and B, Share. Quantifying respiratory plasticity of checkered pufferfish under climate change conditions.

***Fuhrmeister, E.**, and K, Smith. Are Mangroves changing the Intertidal fish community? Baited Remote Underwater Cameras for Assessing Fish Communities.

***Hessel, M.**, E, Croker and B, Froeschke. Assessing King Mackerel Biomass in Gulf of Mexico: Insights for Conservation.

Hunn, D., E, Ault, X, Serrano and C, Taylor. Assessment of Fish Spawning Aggregations in Southeast Florida: Residency and movement patterns of Gray Snapper off Southeast Florida.

*Student Presentation, **Presenter**

***Kennedy, M.,** A, Durland-Donahou, M, Langford and G, Langford. You Are What You Eat: Establishing Tapeworm Life Cycles in Juvenile Bull Sharks *Carcharhinus leucas* and Their Prey.

***Konkler, J.,** A, Velligan, E, Cowan, D, Dowgiallo and D, Kerstetter. Assessment Of Thermal Preferences and Critical Temperature Tolerance Polygons On Mangrove Fishes and Invertebrates From South Florida.

***Lacy, B.,** C, Murray, O, Markham, M, Eslava, T, Knorr and M, DiMaggio. Evaluating common skeletal deformities of aquacultured *Amphiprion ocellaris* utilizing methods of diffusible iodine-based contrast-enhanced computed tomography.

***Lattomus, M.,** and J, Gelsleichter. A Preliminary Analysis of Mercury in Fishes in the Guana Tolomato Matanzas Estuary.

Lindelien, S., M, Wegener and P, Schueller. Habitat renovation on Karick Lake.

***Markham, O.,** C, A. Murray, M, R. Eslava and M, A. DiMaggio. Larval Development of *Dascyllus auripinnis* and Effects of Feed Attractants on Survival, Growth, and Feeding Incidence

Masterson, L., and T, Lange. Revitalizing Black Crappie Populations in Tenoroc: An Assessment of Stock Enhancement.

***McKenna, B.,** E, Ault, S, Webb, J, Beaz, M, Ashton, T, Twyford, and J, Baldwin. Juvenile Mutton Snapper and Habitat Usage within the Lake Worth Lagoon.

Murray, C., G, Sowaske, S, Hutchins and M, DiMaggio. Digestive physiology and histochemistry of an ornamental wrasse (*Halichoeres melanurus*) during early life history.

Murray, C., B, Ray, O, Markham, C, Ohs, J, Patterson, A, Collins and M, DiMaggio. Assessment of Low Salinity Culture Protocols for Hogfish (*Lachnolaimus maximus*).

Myles-McBurney, C., K, Thornhill and K, Bonvechio. Seasonal Movements of Yellow and Silver American Eels within the Pensacola Bay Complex.

***Ordonez, J.** Evaluation of Anesthesia Protocols for Handling Broodstock of Two Different Marine Baitfish Species: Pigfish (*Orthopristis chrysoptera*) and Pinfish (*Lagodon rhomboides*).

***Peralta, P.,** and B, Froeshke. ICK: Invasive and Cichlid Kids Fishing Tournament.

***Rafferty, K.,** M, Sologon and D, Kerstetter. Preliminary Census of Non-U.S. Billfish and Swordfish Recreational Tournaments.

Rodgers, P., C, Crandall and K, Klizentyte. Knowledge, Perceptions, and Acceptance of Aquatic Herbicides in Florida.

***Sargent, S.,** D, Kerstetter, C, Blonar and J, Schieber. Parasite surveys of *Hypanus sabinus* and *H. say* hosts in the Indian River Lagoon Estuary.

*Student Presentation, **Presenter**

Smith, G., and A, Croteau. Fish and Decapod Crustacean Assemblages in Tidal Creeks Draining into Santa Rosa Sound.

Trotter, A., B, Klimek, K, Williams, P, Stevens, C, Purtlebaugh and M, Allen. Plasticity in fish life history traits: latitudinal differences in Common Snook.

Webb, S., J, Caughron and M, Barton. Fisheries of the Northern Estuaries Monitoring (FNEMO).

***White, M.**, B, Strickland, J, Rehage, D, Burkepile, J, Peters, L, Kui, A, Chen, N, Lyons, J, Allgeier, A, Stier, K, Emery, J, Caselle, R, Hopcroft, D, Capone, G, Cawley, A, Stajner, J, Nelson, L, Enright, S, Grier, M, Castorani, A, Spivak and N, Lemoine. Consumer-mediated nutrient dynamics of coastal and marine ecosystems under the wake of global change.

***Williams, K.**, A, Trotter, A, Carlson, P, Stevens and M, Allen. Resource partitioning between a range-expanding species, Common Snook, and regional sport fish, Red Drum, and Florida Bass, in a spring-fed river.

***Worthington, S.**, and J, Gelsleichter. Using baited remote underwater video to characterize shark nursery habitat use in low-visibility estuarine systems.

Day-By-Day Agenda – 44th Annual Meeting, 2024 - Florida Chapter American Fisheries Society

Wednesday, May 15th

7:00am – 8:10am **Breakfast**
 7:00am – 6:00pm **Registration**
 8:10am – 8:15am **Welcome and Announcements**

Symposium: *The Role of Fisheries Science in the Evolution and Evaluation of Restoration Initiatives*

Moderator: Kerry Flaherty-Walia, TBEP

8:15am – **Coyle, S.**, C, Ohs, J, Patterson, M, Corriveau, K, O’Neil, B, Moody, K, Mesner, J, Lemus and M, DiMaggio. Update on the Quest for a Zero-Withdrawal Anesthetic for Fish in the United States.

8:30am – **Akers, C.**, and S, Miller. Gizzard Shad Harvesting Removes Phosphorus and Aids in the Restoration of Lake Apopka.

8:45am – ***Webb, S.**, A, Wooley, L, Heath, D, Yakich, M, McCallister, M, Ajemian and G, Poulakis. Evaluating Movement and Distribution Patterns of the Endangered Smalltooth Sawfish in a Recovering Nursery.

9:00am – **Gentry, L.**, D, Chagaris, M, Luke and A, Shanae. Snapper-Grouper Modeling for Ecosystem-Based Fisheries Management.

9:15am – ***Share, B.**, A, M. Haseini, J, Matthew Hoch and D, W. Kerstetter. Comparing Hypoxia Tolerance of Native and Invasive Freshwater Fishes in Climate Change Scenarios.

9:30am – ***Palmer, C.** Rethinking Sustainable Harvest for Ecosystem Engineers.

9:45am – ***Hudspeth, C.**, A, Pilnick, A, Petrosino, J, Smith, M, Dakin and J, Patterson. Investigating Early Post-Settlement Rearing in the Long-Spined Sea Urchin *Diadema antillarum*, a Restoration Aquaculture Candidate.

10:00am – BREAK

Moderator: Katie Everett, UF

10:15am – ***Markham, O.**, C, A. Murray, B, C. Ray, M, R. Eslava, S, W. Hutchins and M, A. DiMaggio. Improving Survival, Growth, and Feeding Incidence of Larval *Neocirrhites armatus* through Environmental Manipulation.

10:30am – ***Lacy, B.**, C, Murray, J, Gray and M, DiMaggio. Refining commercial culture practice of *Amphiprion ocellaris*: Effects of different commercially available microalgae pastes on larval survival and growth.

10:45am – ***Simon, J.**, and C, Ohs. Investigating dietary preferences of marine ornamental fish larvae using fluorescence microscopy.

*Student Presentation, **Presenter**

11:00am – **Murray, C.**, B, Lacy, O, Markham and M, DiMaggio. Improving larval feeding protocols of clownfish (*Amphiprion ocellaris*) using digestive physiology

11:15am – **Anderson, C.**, T, Lange, D, Richard, T, Tuten, J, O'Connor, A, Bernhardt, B, Fontaine, J, Moran, K, Dunn, T, Coughlin and M, Mann. Assessing the Effects of a Large- Scale Habitat Restoration on the Shallow Water Fish Community of East Lake Tohopekaliga.

11:30am – **Fink, R.**, S, Miller, A, Bernhardt and R, Hyle. Armored Sailfin Catfish (Loricariidae): Invasive Species of Concern in the St. Johns River.

11:45am – **Dean, E.**, J, Freedman and W, Daniel. Functional traits reveal habitat use of non- native river fishes in the United States: Information to support monitoring and modelling of species invasions in the Coastal Plains.

12:00pm – LUNCH *Student/mentor pairs get in line first!

Wed. PM

Symposium, Part 2: *The Role of Fisheries Science in the Evolution and Evaluation of Restoration Initiatives*

Moderator: Alexis Trotter, FWC

1:00pm – **Flaherty-Walia, K.**, M, Schrandt, K, Radabaugh, C, Saari, D, Moore, M, Beck and E, Sherwood. Evaluating restoration progress and subsequent benefits to estuarine fish communities in Tampa Bay.

1:15pm – **Sandburg, M.**, M, Schrandt and J, Peake. Tracking the emigration of juvenile sport fish from a habitat restoration site to fished populations of Tampa Bay.

1:30pm – ***Eggenberger, C.**, N, Viadero, R, Santos, R, Price, Y, Papastamatiou and J, Rehage. Seascape Heterogeneity Drives Movement Strategy Selection in Estuarine Predators.

1:45pm – **Martin, A.** Suwannee Lake Renovation.

2:00pm – **Dutterer, D.**, A, Martin and S, Beck. Suwannee Lake Renovation: Fishery response, monitoring, and evolving management strategies.

2:15pm – BREAK

Moderator: Nick Trippel, FWC

2:30pm – ***Miller, K.**, E, Lundy, C, Myles-McBurney and D, Andrew K. Carlson. Preliminary assessment of habitat suitability and microhabitat use of imperiled Bluenose Shiners in Florida rivers.

2:45pm – **Knight, J.**, and J, Williams. An Update on Creating Fish Bypass Structure on the Apalachicola River Around Jim Woodruff Dam.

3:00pm – **Marbury, A.** Fishery Response to Improving Habitat and Water Quality on Lakes Dora and Beauclair.

3:15pm – ***Huber, B.**, M, Kennedy, G, Langford and A, Durland-Donahou. Using Acoustic Telemetry to Understand How Bull Sharks *Carcharhinus leucas* Utilize a Nursery Habitat in Hillsborough Bay, Florida.

*Student Presentation, **Presenter**

3:30pm – **Blanco, V.** Monitoring of Patch Reefs at Buckeye: A Comprehensive Analysis of Fish Abundance and Diversity in Taylor County, Florida, using citizen science- based data.

3:45pm - BREAK

4:00pm Student Subunit Meeting (Nautilus Ballroom)

4:30pm Chapter Business Meeting & Award Presentations (Nautilus Ballroom)

6:00pm Dinner

7:00pm Raffle, Auction & Beachside Social

***Student Presentation, Presenter**

Day-By-Day Agenda – 44th Annual Meeting, 2024 - Florida Chapter American Fisheries SocietyThursday, May 16th

7:00am – 8:10am **Breakfast**
 7:00am – 9:00am **Registration**
 8:10am – 8:15am **Welcome and Announcements**

Contributed Papers 3**Moderator: Victor Blanco, UF**

8:15am – **Stevens, P.**, C, Saari, D, Blewett, E, Weather and C, Anderson. Characterizing juvenile Common Snook and Tarpon nurseries to inform habitat conservation and restoration.

8:30am – ***Chase, K.**, D, Blewett, P, Stevens, C, Saari, Q, Tuckett and J, Hill. Effects of Altered Habitat and Seagrass Loss on Fish Communities in Southwest Florida Tidal Creeks: Harbingers for Estuary-Wide Change?

8:45am – **Rios, S.**, K, Chase, D, Blewett and E, Weather. A preliminary assessment of Hurricane Ian's impact on fish communities in two tidal rivers of the Charlotte Harbor Estuary.

9:00am – **Burnsed, S.**, S, Lowerre-Barbieri and J, Bickford. I get knocked down, but I get up again. Population resilience at a spotted seatrout spawning aggregation site following a severe red tide bloom.

9:15am – ***Wechsler, A.**, and D, Murie. Reproductive Potential of Gray Snapper in Spawning Aggregations off the West Coast of Florida.

9:30am – ***Gottesman, H.**, W, Patterson III, E, Peebles, T, Switzer and S, Lowerre-Barbieri. Estimating West Florida Gag (*Mycteroperca microlepis*) nursery origin with otolith stable isotopes.

9:45am – **Wall, K.**, J, Bickford, S, Walters Burnsed, H, Menedez and S, Lowerre-Barbieri. Interannual spawning site fidelity of acoustically tagged Greater Amberjack (*Seriola dumerili*) in a Florida MPA.

10:00am – BREAK**Contributed Papers 4****Moderator: Hannah Gottesman, UF**

10:30am – **Henry, R.**, A, Strickland, S, Stang, C, Paxton, B, Barthel and B, Winston. Chipola River Shoal Bass Stock Enhancement and Preliminary Evaluation.

10:45am – **Heise, J.**, T, Switzer and S, Keenan. Evaluating the effect of bait on Stereo-Baited Remote Underwater Video for potential biases in fish detection and abundance estimates.

11:00am – **Krause, K.**, S, Keenan, T, Switzer, M, Tyler-Jedulund, H, Christiansen and J, Lewis. Evaluating six years of fixed station sampling in Gulf reef fish surveys: Habitat dynamics and lessons learned.

11:15am – **Thornhill, K.**, and C, Myles-McBurney. Evaluating the Habitat Suitability Index for Bluenose Shiner Populations in Panhandle Florida Rivers.

11:30am – **Stang, S.**, A, Strickland, R, Henry, C, Paxton, J, Cunningham and S, Burke. Using Radio Telemetry to Identify Seasonal Habitat for Striped Bass in Lake Talquin and the Lower Ochlockonee River.

*Student Presentation, **Presenter**

11:45am – **Gelsleichter, J.**, and B, Wargat. Sharks of the GTM Estuary: Results from 14 years of shark abundance surveys conducted in the Tolomato River.

12:00pm – 1:00pm **Lunch, Closing Remarks, & Awards Presentation**
Jack Dequine Best Student Paper
Best Professional Oral Presentation
Best Poster Presentation – Student & Professional
Power Tie & Lampshade awards

1:15pm – 3:15pm Continuing Education Workshop: Career Panel (Nautilus Ballroom).

Safe travels home!

Link to full abstracts: [FLAFS 2024 Abstracts](#)

*Student Presentation, **Presenter**