

Under the Dock

January/February 2024



Newsletter of the Georgia Chapter of the
American Fisheries Society

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Mark Your Calendar

- **January 16**
 - GAAFS 2024 Abstracts Due
- **January 20**
 - Georgia AFS Professional Award nominations due
- **January 29**
 - GAAFS 2024 hotel reservation deadline
- **January 31 - February 4**
 - SDAFS annual meeting - Chattanooga, TN
- **February 7**
 - Deadline to register your Lightning Talk for GAAFS 2024
- **February 13 - 15**
 - Georgia AFS annual meeting - LaGrange
- **March 3-9**
 - World Fisheries Conference
- **September 15 - 19**
 - AFS Annual Meeting - Honolulu

OUR MISSION

The mission of the American Fisheries Society and the Georgia Chapter is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.

You can help support our mission by becoming a member of Georgia AFS, joining the American Fisheries Society, becoming a Georgia AFS Sponsor, donating to our annual fundraiser, or participating in our annual meeting. Visit our website for more info.

<https://gaafs.org/>

The newsletter is interactive - if the font is blue or underlined you can click on it for more information. Click on laptop images for a video



We are looking for high-quality photos to use for the newsletter cover page. We are in need of pictures showing fisheries professionals and students working (lab, fieldwork, etc.).



Bubba Bass

Do you have an idea for an article?

We welcome a broad range of submissions that address research and ideas relevant to marine and freshwater finfish and shellfish and their respective fisheries and environments. Articles range from 250 to 1200 words.

Contact us at GeorigaAFS@gmail.com if you have questions. We also welcome suggestions for an aquatic species to highlight, safety tips, and ideas for the sections *Did You Know* and *The Bookshelf*.

Georgia Chapter of the American Fisheries Society



2024 Annual Meeting

February 13 - 15

Great Wolf Lodge, LaGrange

Putting Stock in Biodiversity; Resiliency in Numbers

**Join us as we share research and ideas relevant to
marine and freshwater finfish and shellfish and their
respective fisheries and environments**

GAAFS.ORG

NEWS & UPDATES

Georgia AFS 2024 Annual Meeting Keynote Speaker: Todd Ewing

Todd Ewing serves as the director of the Southeast Aquatic Resources Partnership, a.k.a. SARP. Todd has been with SARP since April 2022. Prior to his stint with SARP, Todd retired from a long career with the North Carolina Wildlife Resources Commission. During his time with North Carolina, he was an Education Specialist, Fisheries Biologist, Aquatic Wildlife Diversity Program Manager, and Assistant Chief of Fisheries. Todd has garnered several recognitions including the 2019 SEAFWA Fisheries Biologist of the Year award, the 2022 North Carolina Wildlife Federation's Governor's Natural Resources Scientist of the Year award, and the USFWS Southeast Regional Director's Conservation Partner award in 2023. Todd lives near Raleigh, NC with his family and three dogs where he enjoys hiking and camping.



Make Your Reservations at Great Wolf Lodge



**Water park pass is
included with room
reservation**



You need to make your reservations by January 29th if you want the guaranteed \$98/night room rate. Guests can make their reservations by either calling the Great Wolf Customer Contact Center 1-866-751-9653 or visiting their website www.greatwolf.com/georgia.

Reference Block Code: 2402GAFS

Something New for GAAFS 2024: Lightning Talks

Georgia AFS invites you to submit a lightning talk for our 2024 annual meeting.

Lightning talks are short presentations that focus on just a couple of key points. Done well, they are a great way to get your point across in a small amount of time. The time restriction forces speakers to edit their message to focus on the most important elements. Lightning talks can be used to introduce new topics, present a challenge or call to action, share knowledge and experience, or provide status updates.

Presentation Parameters

- Time limit is 5 minutes (presenters will be asked to leave the podium after 5 minutes)

Tips for Organizing Your Lightning Talk

- Write your conclusion first - your conclusion is your key message/take away
- Hook your audience in the first few sentences
- Only include details if they are necessary
- Avoid visual overload - select images that convey your message
- When you add text to your slides use as few words as possible
- Practice

Tips for Presenting Your Lightning Talk

- You should be able to do your presentation without looking at your notes or slides
- Avoid the need for a laser pointer - use arrows and circles
- Be dynamic to keep energy-levels high, but beware of speaking too fast

Ideas for a Lightning Talk

- Introduce a new project
- Give progress updates on a project/research
- Share a pertinent idea
- Pitch an idea
- Share an R Programming tip
- Update on a policy change
- Share a maintenance tip

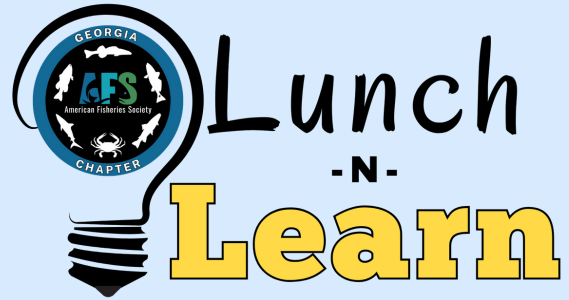
All lightning talk presenters need to register their talk by February 7, 2024. We have 10 slots available for lightning talks so [reserve your slot early](#). Lightning talk presenters are NOT required to submit an abstract.

Examples

- [Seattle Aquarium Lightning Talks: Snails](#)
- [Lightning Talk: Professor Karen Alofs](#)
- [Society of Wetland Scientists Student Lightning Talks](#)

First Georgia AFS Lunch-n-Learn is January 5th

We invite you to participate in our first virtual Lunch-n-Learn, Scientific Communication 101: Preparing Informative Abstracts and Professional Presentations. This session will be led by Dr. Cecil Jennings, retired fisheries research biologist and UGA Senior Lecturer at the Warnell School of Forestry and Natural Resources. Cecil will share with us the fundamentals of writing an abstract that will capture the attention of conference attendees, and provide tips on how to design a PowerPoint presentation that will be both informative and visually appealing.



Facilitator: Dr. Cecil Jennings

When: January 5, 2024 (11am - 12pm)

Where: Virtual (Microsoft Teams)

Who is invited: Professionals and students

Registration form: [January 2024 Lunch-n-Learn](#)

Cost: FREE

Notes: *Please complete the registration form so we can send you an email with the link to join the virtual meeting.*



Georgia Council Trout Unlimited Fundraiser



One of our Chapter sponsors is hosting a fundraiser. The Georgia TU fundraiser proceeds benefit coldwater fisheries conservation in Georgia and Trout Camp for Georgia teens.

Tickets are just \$10 each and get you in the running for the Dream Trip as well as a bunch of other sweet runner-up prizes such as guided trips, premium fishing gear and fly casting instruction. Tickets on sale until March 17, 2024.



[GEORGIA TU FUNDRAISER](#)

How to Earn Credit to Renew Your Pesticide Certification

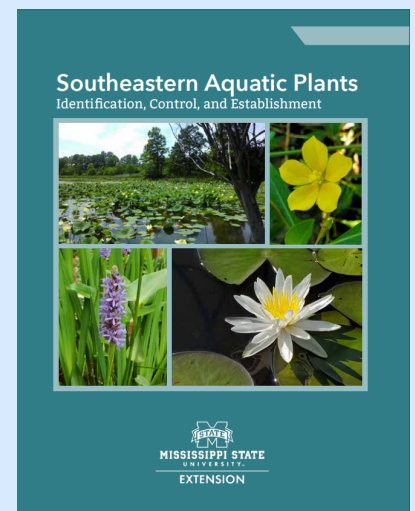
Professionals who currently have a pesticide applicator license can earn 5 hours of credit toward renewing their pesticide applicator license by attending the 2024 Georgia AFS annual meeting. Anyone needing credit can email Rebecca Brown (GeorgiaAFS@gmail.com) and she can provide you with the information needed to get credit.



Managing Aquatic Plants

The Mississippi State University Extension recently published [Southeastern Aquatic Plants Identification, Control, and Establishment](#) created by Wes Neal and Gary Turnage of Mississippi State University Extension Service and Dennis Riecke of the Mississippi Department of Wildlife, Fisheries, and Parks.

This is a good resource to download to your computer and your phone. The guide is well-designed and provides pictures and distinguishing characteristics to help identify the different aquatic plants.



Below is a list of UGA Extension Resources for aquatic plant control in Georgia. Each state is different in what pesticides and control measures can be used to control aquatic nuisance species.

- [Georgia Aquatic Weed Control](#) (UGA Extension 2023 Commercial Edition)
- [UGA Extension Pesticide Regulations](#)
- [UGA Extension Using Pesticides Safely](#)
- [UGA Extension Pesticide Rate and Dosage Calculations](#)
- [Managing Algal Blooms and the Potential for Algal Toxins in Pond Water](#) (UGA Extension)
- [Aquatic Plant Management](#) (UGA Warnell Outreach PPT)

Texas A&M AgriLife Extension [Aquatic Plant Identification](#) is another good resource.

Be on the Watch for These Coastal Non-natives



The non-native blue land crab (*Cardisoma guanhumi*) should not be confused with our tasty blue crab (*Callinectes sapidus*). Some say the blue land crab looks like a giant fiddler crab.

Blue land crabs can measure up to 6 inches across its carapace. As a juvenile, the crab is a dark brown, purple, or orange in color. They are a bluish-gray color when they are adults.

Blue land crabs are terrestrial and are found as far as 5 miles from the shoreline. They live in burrows several feet deep or at least to a level that will allow water to seep in for moisture. They are omnivores and their diet consists mainly of leaves, grasses, fruits, carrion, and insects.

The blue land crab is native along the Atlantic coast from Brazil to South Florida. They have been spotted in Georgia, South Carolina, and North Carolina. It is not known yet the extent of the crab's distribution throughout Georgia and the Carolinas nor its impact on the environment and other wildlife.



Blue land crabs can create up to 6-foot-deep burrows, which can destabilize sediment, destroying crops, gardens, lawns, parks, golf courses, and more.



Anyone discovering a blue land crab in Georgia is asked to take a picture of it and report it using the [Georgia DNR Aquatic Nuisance Species Survey](#) form.



It is the pleasure of GA State Chapters of The Wildlife Society and American Fisheries Society to offer up a new listserv for our members to participate in a field gear swap list-serv. This idea stems from our knowledge that many of us have gently used gear that we no longer want or need for some reason or another and this would serve as a good way to distribute that to other folks. Personal field gear only, no government-issued.

So, in an effort to provide cheap and perhaps free field gear to students and young professionals in our professions, we have created this listserv.

To receive information or to sell/give away gear, you will need to first need to do the following:

1. Sign up for the Google group. You can find our group called "**gafw-gear-swap@googlegroups.com**" and sign up by following these [directions](#).
2. PLEASE BE AWARE - we will not be moderating signups for this group, so please only pass on this group information to individuals that you feel is warranted.
3. If you want to list items for sale/free (or to view current listings), you can list them on this Google sheet: [GA Wildlife/Fisheries Gear Swap List](#)
4. Once you have listed an item on the Google sheet, please send a message to the "gafw-gear-swap" listserv. You may also include photos in the email if beneficial.
5. You do have an option to unsubscribe after you have completed a swap (follow the unsubscribe directions)

You can email us if you have any questions: GeorgiaAFS@gmail.com

Do you have any used gear you want to donate to the GAAFS -GATWS Gear Swap?

***You can bring your used gear (in good condition) to the Georgia AFS annual meeting.
We will have a table set aside for donations.***

Waders

Snorkeling gear

Snake gaiters

Wet suits

Raingear

Muck boots

Backpacks

AFS - Hutton Junior Fisheries Biology Program

The **Hutton Junior Fisheries Biology Program** is an eight-week paid summer internship and mentoring program for high school students sponsored by the American Fisheries Society (AFS). Our vision is to stimulate interest in fisheries and aquatic science among underrepresented groups in the profession today. Participating students receive a \$3,000 stipend and an all-expense paid trip to the Hutton Scholars Summit. Through our network of mentors, we can place students in all 50 states, Canada, Mexico, and Puerto Rico within a 45-minute commute of the student's home.



Each year, the Hutton Program relies on Federal and State Agencies, Educational and Research Institutions, Non-Profit Organizations, and Private Companies to serve as host organizations for selected Hutton Scholars. Current fisheries and aquatic scientists are identified and placed with a student to act as their Hutton Mentor for the 8-week internship.

Are you interested in becoming a Hutton Mentor? The deadline to submit your application is March 31, 2024. GA AFS Committee Chair Marion Baker (marion.baker@dnr.ga.gov) can provide additional info.

Student applications are due January 16, 2024.

72%

Hutton Alumni (2011-2020) attribute their internship to increasing their interest in fisheries, aquatics or environmental science studies and careers!

69%

Hutton Alumni (2011-2020) who have studied fisheries or other biological sciences since their Hutton Program internship!



2024 Georgia AFS Elections

Georgia AFS has 2 candidates for Recording Secretary-Treasurer. You can read their candidate statements and biographies on the next two pages.

We have one candidate for President-elect and you can read their candidate statement and bio when electronic voting begins on January 30, 2024.

Dawn Franco for Georgia AFS Recording Secretary-Treasurer



I have been a member of Georgia AFS and the American Fisheries Society since 2018. Most of our chapter members know me from my time with Georgia Department of Natural Resources Coastal Resources Division (GADNR CRD). I have been working for GADNR since 2007 within the Fisheries Statistics Unit working with recreational and commercial data collection. I began as a Marine Technician 1 and worked through the ranks to Marine Biologist 2. Prior to my career with GADNR, I received my Bachelor of Science in Biology with Marine Concentration from Old Dominion University (ODU) in Norfolk VA. After graduating, I worked with ODU's Center for Quantitative Fisheries Ecology where I developed my passion for fisheries science. During that same time, I also worked as

a Commercial Fisheries observer out of the Hampton roads area in VA. While working for GADNR, I decided to return to school at Savannah State University and received my Master of Science in Marine Sciences. My thesis work pertained to life history characteristics of Atlantic Croaker, *Micropogonias undulatus*, within coastal Georgia waters.

I have participated in several committees within Georgia AFS in recent years. I became chair of the Policy and Bylaws Resolution Committee in 2019. The following year, I had the unique honor of being elected as the very first Recording Secretary-Treasurer for the chapter. Little did I know what a rollercoaster the next few years would be. It was an exciting initiation into GAAFS Executive Committee and I was lucky to be surrounded by a very supportive group which made all the difference. Together we overcame several hurdles from everything the year 2020 had in store to meeting venue challenges last year. In 2022, I became part of the Meeting Planning Team and the Newsletter Editorial Team. This may appear to be a lot of tasks on paper, but, anyone who has been with the chapter for a long time knows, our Executive Secretary-Treasurer Rebecca does most of the work. I simply have the pleasure of assisting with the great work she does.

My thorough note-taking abilities and attention to detail have been a valuable addition to the chapter these past few years. If re-elected I would be delighted to continue to provide these services. We have an extraordinary chapter, and whether I am re-elected or not, I am grateful for the experience and look forward to what we will accomplish in the future!

Kyndale West for Georgia AFS Recording Secretary-Treasurer



My name is Kyndale West, and I would like to submit my name for the position of Recording Secretary-Treasurer of Georgia AFS. I see this as an opportunity to grow my leadership knowledge and skills by taking on larger roles in the fisheries community. While I have not been an AFS member for very long, I was introduced to the organization in college when I was enrolled in fisheries classes. Since being employed by GADNR I have become a member. I attended the Georgia AFS annual meeting at Epworth by the Sea in 2023. This role holds a lot of responsibility, and I believe I am up for the task. I am very organized, and I believe that is one of the strengths that I have brought to my current position as a Marine Science Technician with the Ecological Monitoring Trawl Survey (EMTS). The lead biologist for the project, Eddie Leonard, was out for a couple of months due to surgery, and in his absence, I took on several additional duties. I became the lead presenter for public relations

events, entered and analyzed data, cared for captive live specimens, and I strive to learn more about anything I can get my hands on. I believe these experiences show I adapt when things are constantly changing and keep order to constantly changing duties and situations. If elected I will fulfill my duties and responsibilities as Recording Secretary-Treasurer position with enthusiasm and attention to the smallest detail. I will not hesitate to start and organize fundraisers for this chapter, along with outreach events and meet and greets to help spread the knowledge of the benefits of being part of Georgia AFS. As a recent graduate, I believe I will be relatable to the upcoming generation of people in the fisheries community. I will be a fair minute keeper and an honest money handler. I will not cower from any duties that will be handed to me.

I attended Georgia Southern University, and I attained a BS in biology in 2021. As Recording Secretary-Treasurer I hope to meet others in the fisheries community. My background is mainly in wildlife biology. I always pictured myself helping conserve and teach others about protecting WMA's. When I graduated, I applied for Donna McDowell's longline position and was also interviewed by Eddie Leonard. I got a call back saying I was chosen to fill an hourly position on the EMTS project which I excitedly accepted. From April 2022- November 2022 I was an hourly worker, then I applied to and accepted the full-time Marine Science Technician 2 position on the same project and have held this title since November 2022. My goal is to continue to work my way up to biologist on this project. I have thoroughly come to love the ocean and all that inhabits it. My favorite part of the trawl is the diversity of life we see. I am constantly learning new species and fisheries techniques. This career was never on my list before this job. Now I could not see myself doing anything else.

AWARD NOMINATIONS

Georgia AFS values its members and all those who work to improve the conservation and sustainability of our fishery resources and aquatic ecosystems. One way our Chapter shows its gratitude is by recognizing outstanding individuals or organizations for their achievements and excellence in support of the Chapter's mission and objectives. One way you can express your appreciation to those who have gone above and beyond normal expectations is to nominate them for one of the Georgia AFS awards.

Career Contribution Award

Distinguished Service Award

Certificate of Appreciation

Hidden Hero Award

DUE JANUARY 20, 2024



ARE YOU A MEMBER OF GEORGIA AFS?

Our Chapter's mission is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals. Your paid membership helps us to support that mission.

Membership Dues: \$10 annually

Membership in the Georgia Chapter of the American Fisheries Society is open to anyone interested in the progress of fisheries science and education in Georgia and the conservation and management of Georgia's fisheries and aquatic ecosystems.

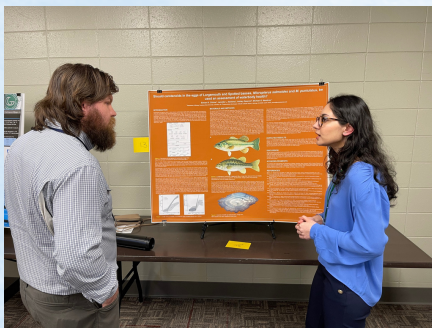
Benefits of being a member of Georgia AFS

- Developing relationships with others who have similar interests
- Leadership opportunities to serve as an officer or chair a committee
- Reduced fees for training workshops
- Student scholarships
- Supporting fisheries and aquatic conservation efforts in Georgia
- Supporting aquatic education outreach programs in Georgia

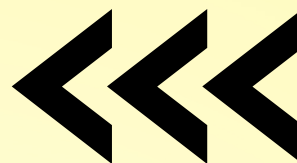
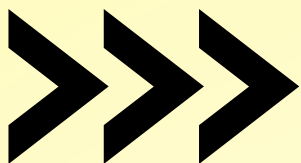
Visit
our online store
to pay your dues



Georgia AFS Membership dollars help support ...



Membership in an AFS Chapter does not automatically make someone a member of the American Fisheries Society. To serve as an officer of Georgia AFS you need to be a member of AFS.



Increase the value of your Georgia AFS membership by joining the Parent Society

Membership in the American Fisheries Society yields many benefits whether you are a student or professional, early or late in your career. The many benefits of society membership range from access to the latest fisheries research to meeting new colleagues to development of soft skills for your resume.



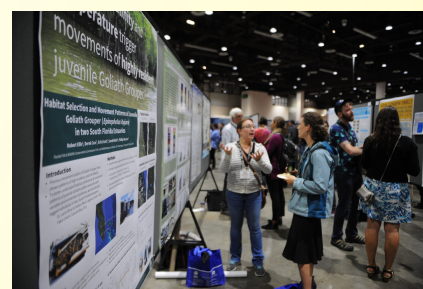
Some benefits for becoming a member of AFS:

- Free online and mobile app access to AFS publications
- Discounts on books in the AFS bookstore
- Discounted registration fees at annual meetings
- Opportunities for AFS travel grants
- Professional development opportunities
- Networking opportunities
- Leadership opportunities
- Able to vote on Society and Chapter business



AFS Membership Rates:

- Student: \$30
- Early Career: \$55
- Regular: \$115
- Retired: \$55
- Lifetime: \$2,240



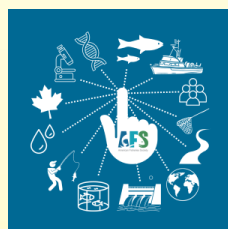
MORE ABOUT AFS



**AFS PUBLISHES
JOURNALS**



**AFS ADVISES
POLICY**



**AFS HAS A VARIETY
OF SECTIONS YOU
CAN JOIN
DEPENDING ON
YOUR INTERESTS**



**AFS SUPPORTS THE
HUTTON JUNIOR
FISHERIES BIOLOGY
PROGRAM**

Learn More



Seeking Co-chairs for Georgia AFS Committees

Our committees are essential to the success of the Chapter!

Georgia AFS is a non-profit professional organization managed by volunteers. The majority of these volunteers have full-time jobs. The 2023 Georgia AFS EXCOM believes each of our committees should have a co-chair to share the responsibilities and provide an additional contact person in case one of the chairs is out of the office for an extended period of time. Let us know if you are interested in co-chairing one of the highlighted Georgia AFS committees below.

Georgia Committee Chair Contact Information

Membership and Student Affairs: Adam Fox (agfox@uga.edu)

Laura Wenk (laura.wenk@dnr.ga.gov)

Fundraising: Jackson Sibley (oceansibley@gmail.com)

Zack Brock (zack.brock@ga.dnr.gov)

Arrangements: Kevin Cavallaro (cavallaro@fultonschools.org)

Brent Hess (brent.hess@dnr.ga.gov)

Continuing Education Committee: Peter Sakaris (psakaris@ggc.edu)

Hunter Roop (hunter.roop@dnr.ga.gov)

Policy, Bylaws, and Resolutions: Dawn Franco (dawn.franco@dnr.ga.gov)

Student Presentations Awards: Chalisa Fabillar (chalisa.fabillar@dnr.ga.gov)

Kimberly Clements (kimberly.clements@dnr.ga.gov)

Professional Awards: Steve Sammons (sammosm@auburn.edu)

Jim Page (jim.page@dnr.ga.gov)

Georgia Chapter Scholarships: Donna McDowell (donna.mcdowell@dnr.ga.gov)

Justin Bythwood (justin.bythwood@dnr.ga.gov)

Ballot: Jim Page (jim.page@dnr.ga.gov)

Nominations: Don Harrison (don.harrison@dnr.ga.gov)

Chad Sexton (chad.sexton@dnr.ga.gov)

Communications: Rebecca Brown (GeorgiaAFS@gmail.com)

Dawn Franco (dawn.franco@dnr.ga.gov)

Program: Carolyn Belcher (carolyn.belcher@dnr.ga.gov)

Audit: Clint Peacock (clint.peacock@dnr.ga.gov)

Environmental Concerns: Jordan Steele (jordan.h.steele@gmail.com)

Visit the Chapter
website for more details
about each of the
committees

gaafs.org/committees

Tips for PowerPoint Presentations

Designing Your PowerPoint

- It is easier for audience members with dyslexia if you select familiar sans serif fonts such as Arial or Calibri with adequate spacing between letters. Avoid using all capital letters and excessive italics or underlines. Choose a [font size](#) that is easily visible by all audience members in the ballroom.
- Use color blind-safe colors. Most issues for colorblind people come from the prevalence of red-and-green combinations as a pair of opposites in design. The first rule of making a [palette for colorblind](#) – avoid combining red and green.
- Use sufficient contrast for text and background colors. Bright slide backgrounds can make text harder to read. Choose an off-white or cream background. The text should be dark, with lots of space around the letters. A dark background and white text also work.
- Provide adequate white space, avoid clutter, and visually highlight sections with borders, colored headings, and white space.
- Do not use a laser pointer during your presentation. Laser pointers can be a distraction or you risk alienating your audience members when more than one screen is used to display your presentation. A well-placed arrow, [circle](#) or other animation built into your slide will often show something more effectively.
- Be creative with your slides to capture the attention of the audience, but don't overdo it. Avoid any transitions or animations that will distract your audience. Consider how you can use [Morph](#) in PowerPoint to highlight sections of your presentation.

Presentation Tips

- Be aware of your time limit. Rehearse your presentation so you have time for both your presentation and time for questions from the audience.
- Have a bottle of water at the podium in case you need it.
- Talk to your audience, not at them.
- Speak loudly and clearly.
- It is okay to move away from the podium.



Visit the [Georgia AFS YouTube Channel](#) or [Website](#) for additional tips and guidelines for presenting your research

Tips for Poster Presentations

Designing Your Poster

- The title should be informative and effectively capture the attention of the audience.
- All sections should be clearly laid out, moving from top left to bottom right.
- Do not go overboard on the use of colors. Remember to avoid using red and green colors when possible to be considerate of audience members with color-blindness.
- It is easier for audience members with dyslexia if you select familiar sans serif fonts such as Arial or Calibri with adequate spacing between letters. Avoid using all capital letters and excessive italics or underlines.
- Your poster should be attractive, balanced, and not cluttered. Leave open space around your text boxes and images to make it easier to read.
- Use high-resolution photographs and do not forget to credit who took the photo. Your photos should be checked to ensure there is no indication of not following safety protocols.
- Do not include your abstract. A poster is an abstract of your research.
- Posters with less text are more inviting and easier to absorb. Avoid using long paragraphs. Use bullet points and/or short direct statements.
- Review [good and bad examples of research posters](#) to help guide you to create a great research poster.

Presenting Your Poster

- Smile and make eye contact with interested individuals who approach your poster and then introduce yourself and your poster.
- Have a 2-3 minute “elevator pitch” that touches upon the basic components of your poster that focuses on your results. Practice. Practice. Practice.
- Be excited about your research.
- Use your poster as a visual tool. Point to areas of interest to keep your audience focused and engaged.
- Ask if your audience has any questions at the end.
- Have your contact information ready. You might consider printing business cards with your name, phone number, and emails (school and personal).
- Don’t forget to thank people for visiting your poster.

BLACK ICE

A Hidden Hazard

When wet roads freeze, the threat of black ice is possible. Black ice is a thin, often invisible sheet of ice that forms on the roadway, especially on bridges and overpasses and low lying areas. It can form at any time when temperatures drop below freezing and there is any form of moisture, from sprinklers, run-off or precipitation on the roadway.

Here are a few tips:

- As soon as your car begins to slide on ice, ease your foot off the gas pedal. Do not apply your brakes. If you push down on your brakes you make the slide worse.
- If your car does begin to skid on the ice, turn the steering wheel in the direction of the skid. For example, if the back of your car skids to the left then turn your steering wheel to the left.
- Leave plenty of space between your car and the other cars on the road.



GEORGIA AFS 2024 TRASH TO ART CONTEST



The Georgia AFS EXCOM wants to invite you to the first Georgia AFS Trash to Art Contest. This is an opportunity for you to take some of that trash you collect and repurpose it to create an art piece that represents Georgia's Aquatic Ecosystems.

Participation

- Open only to 2024 Georgia AFS members
- Can work with family members or co-workers
- Art displayed at the 2024 Georgia AFS annual meeting (by 1pm on 2/14/24)
- A colleague can enter your art if you are unable to attend the meeting
- Judging will take place at the annual meeting

Rules

- Only one entry per participant/team
- All projects must be safe to handle (no hazards, etc.) and socially and culturally appropriate (See DQ list on website)
- Art must only be created by using litter collected along waterways, roadways, parks, school campuses, hiking trails, etc.
- For the base, the artist may use wood, canvas, cardboard, or any other solid structure to hold the litter in place. It can be purchased or something you want to repurpose.
- Collected litter should be cleaned and sterilized prior to using. A 10% bleach and water solution is suggested.
- Fastening materials may include tape, glue, staples, nails, and/or string (welding is allowed)
- Art may be on a flat surface, a sculpture, or a functional piece of art. Creativity is key.
- Maximum size of art - should fit in a 1 meter x 1 meter space and not be any taller than 0.5 meters.
- Participants are encouraged to take pictures of them collecting litter and send the pictures to GeorgiaAFS@gmail.com to be used on Georgia AFS social media platforms
- All entries agree to have photos of their artwork posted to Georgia AFS Facebook and Instagram and in the Chapter newsletter
- All entries must be removed from the conference center by 9am, Thursday, 2/15/24

Prizes

Visit website for list of prizes

Visit our [Website](#) for
Additional Information



Student Presentation Awards

Each year at the annual meeting students who present a poster or oral presentation are evaluated by a team of fisheries professionals. The top students are awarded a certificate and a monetary prize.

Awards are presented to the top 3 student oral presenters and the top 3 poster presenters.

Oral presentations at Georgia AFS annual meetings are 15 minutes (10 minutes for presentation and 5 minutes for Q&A). Poster presentations are 15 - 20 minutes and presenters should prepare an 3 - 5 minute presentation of their poster and expect 10 - 15 minutes of questions from judges.

Poster Presenters

- Minimum poster size of 24" x 36" and maximum poster size of 48" x 36" – check with your advisor as to what they require.
- Poster judging will take place Tuesday evening, February 13, 2023
- Poster presenters are asked to provide a pdf copy of their poster one week prior to the meeting (send pdf to Rebecca Brown at GeorgiaAFS@gmail.com)

The Chapter provides a list of resources on its website to help with creating PowerPoints and posters. Additionally, the judging forms used to evaluate student presenters is available on the website for students to evaluate themselves as they prepare for their presentations.



Click Here!



First Place: \$150
Second Place: \$100
Third Place: \$50

Local Fishy Stuff

Click on title of article



**Biosolids – PFAS
Infecting Farmland
And Rivers**



**TU and Forest Service team
up to close damaged road
in Georgia**



**Apalachicola Redhorse Found in
Georgia Stream Survey**



**“Leveling Up” the Paddling Club
Tradition of ‘Training the Trainer’
to Empower Diversity Outreach
Across Georgia**



**Dozens of ‘suckers’
but no Shoal Bass in
fish sampling in
Chattahoochee**



**The Letter that
Saved the Flint
River: 50 Years
Later**

**Coastal Georgia
shrimpers fear loss of
industry as foreign
seafood crowds market**



**UGA study shows
recreational fishing
brings in millions annually
to Georgia’s coastal
economy**





2024 Annual Meeting

GREAT WOLF LODGE • FEBRUARY 13 - 15

Putting Stock in Biodiversity; Resiliency in Numbers

Abstract Submission

We welcome topics including, but not limited to, fisheries management, aquatic invasive species, fish health, aquaculture, endangered species, genetics, economics, fisheries ecology in the urban interface, and all topics relevant to marine and coastal fisheries. This is a wonderful opportunity to share your knowledge and research with various professionals and students.

Interested individuals are encouraged to email their abstracts to Carolyn Belcher (Carolyn.Belcher@dnr.ga.gov) by January 16, 2024. Abstracts (300 words max) should be submitted as an attachment in a Word document and include the following information:

- Presentation Title
- Presenting Author (with contact information; work address and email)
- Co-authors (with contact information)
- Abstract (300 words max)
- Presentation type: Oral or Poster (Minimum poster size of 24" x 36" and maximum poster size of 48" x 36" - check with your advisor as to what they require)
- Please also indicate if you are a student presenter

Oral presentations are 15 minutes (10 minutes for presentation and 5 minutes for Q&A)

TIPS FOR DESIGNING ORAL AND POSTER PRESENTATIONS

The Chapter has included in its website presentation resources for professionals and students. <https://gaafs.org/presentation-resources/> Students can find the judging forms on the same page. Awards are presented to the top 3 student oral presenters and top 3 student poster presenters.

Additional videos on Chapter YouTube Channel: www.youtube.com/@GeorgiaAFS/playlists



GEORGIA CHAPTER AMERICAN FISHERIES SOCIETY 39TH ANNUAL MEETING 2024 SPONSORSHIP PACKAGES



Platinum Sponsorship \$2000

- Link to your organization's website and logo on the Chapter website and in the newsletter
- Recognition in the 2024 meeting program and Chapter social media sites
- Signage at the registration table and in the ballroom
- Opportunity to leave materials and handouts at the registration table
- 10 minutes of conference presentation time to address all attendees
- 2 exhibitor tables
- 3 complimentary registrations

Gold Sponsorship \$1000

- Link to your organization's website and logo on the Chapter website and in the newsletter
- Recognition in the 2024 meeting program and Chapter social media sites
- Signage at the registration table and in the ballroom
- Opportunity to leave materials and handouts at the registration table
- 10 minutes of conference presentation time to address all attendees
- 1 exhibitor table
- 2 complimentary registrations

Silver Sponsorship \$500

- Link to your organization's website and logo on the Chapter website and in the newsletter
- Recognition in the 2024 meeting program and Chapter social media sites
- Signage at the registration table and in the ballroom
- 1 exhibitor table
- 1 complimentary registration

Bronze Sponsorship \$250

- Link to your organization's website and logo on the Chapter website and in the newsletter
- Recognition in the 2024 meeting program and Chapter social media sites
- Signage at the registration table and in the ballroom



2024 Annual Meeting

GREAT WOLF LODGE • FEBRUARY 13 - 15

HOTEL INFORMATION

The Chapter has a block of rooms reserved for our meeting participants. Guests can make their reservations by either calling the Great Wolf Customer Contact Center 1-866-751-9653 or visiting their website www.greatwolf.com/georgia.

Room Rate: \$98/night

Reference Block Code: 2402GAFS

Reservations must be made prior to Jan. 29, 2024



Great Wolf Lodge offers a diversity of [dining options](#) or you might choose to travel 10 minutes down the road to LaGrange to select from one of its many restaurants.



Annual Meeting Special Events

Keynote Speaker - Todd Ewing

Georgia AFS Business Meeting

Poster Social and Trivia

Fellowship of Christian Conservationists

Student-Mentor Luncheon

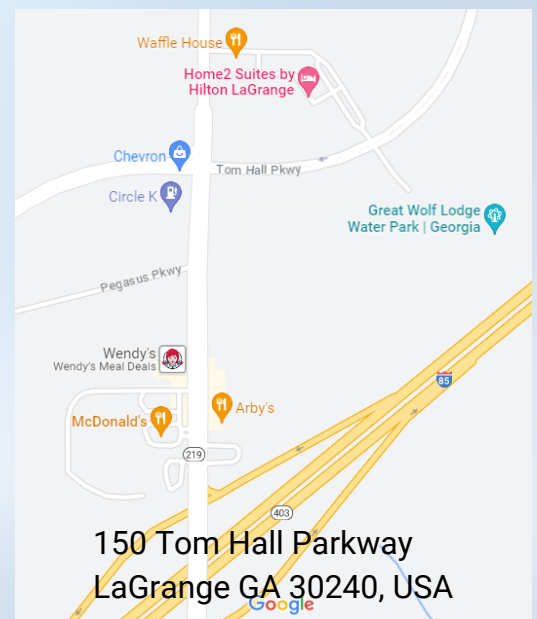
Lightning Talk Session

Introduction to FW Mussel and Non-Sportfish Identification

Interviewing Tips and Building Your Resume

Awards Banquet

Annual Fundraiser



GA AFS 2024

Annual Fundraiser

Each year at our annual meeting our Chapter hosts a raffle and silent auction to raise funds to support the Chapter's mission. Proceeds from the annual fundraiser support aquatic education outreach projects, aquatic habitat restoration projects, fisheries continuing education workshops, and student travel awards.



WE NEED YOUR HELP

You can help our fundraising efforts by contributing an item or soliciting from a local business, organization, or person. Items may include backpacks, gift certificates, coolers, tackle bags, event passes, guided fishing trips, angling tackle and equipment, fishing rod/reels, kayak/whitewater rafting trips, camping equipment, original artwork, prints, or other fish and wildlife-related items.

We are a 501(c)3 nonprofit organization and all donations are tax-deductible.

You can contact our fundraising chair, Jackson Sibley, for more information: oceansibley@gmail.com




2024 Annual Meeting

GREAT WOLF LODGE • FEBRUARY 13 - 15

REGISTRATION INFORMATION

Registration and complimentary registration include all break sessions, social events, and the awards banquet. One-day registration does NOT include social events or the awards banquet. There is an option to purchase tickets for a social event or banquet if you select one-day registration OR you need extra tickets for your guest. Email Rebecca Brown if you plan to bring a guest (GeorgiaAFS@gmail.com).

	Cost/Person Before Feb. 1, 2024		Cost/Person After Feb. 1, 2024	
	GAAFS Member	Non-GAAFS Member	GAAFS Member	Non-GAAFS Member
Professional	\$135	\$150	\$150	\$165
Retired	\$60	\$75	\$60	\$75
Student	\$65	\$80	\$75	\$90
One-day Professional	\$60	\$75	\$60	\$75
One-day Student	\$35	\$50	\$35	\$50
Extra Banquet Ticket			\$40/person	
Extra Social Ticket			\$25/person	
**Georgia AFS membership dues			\$10	
Quick Link to Pay GAAFS 2024 Membership Dues				



Google
Registration
Form

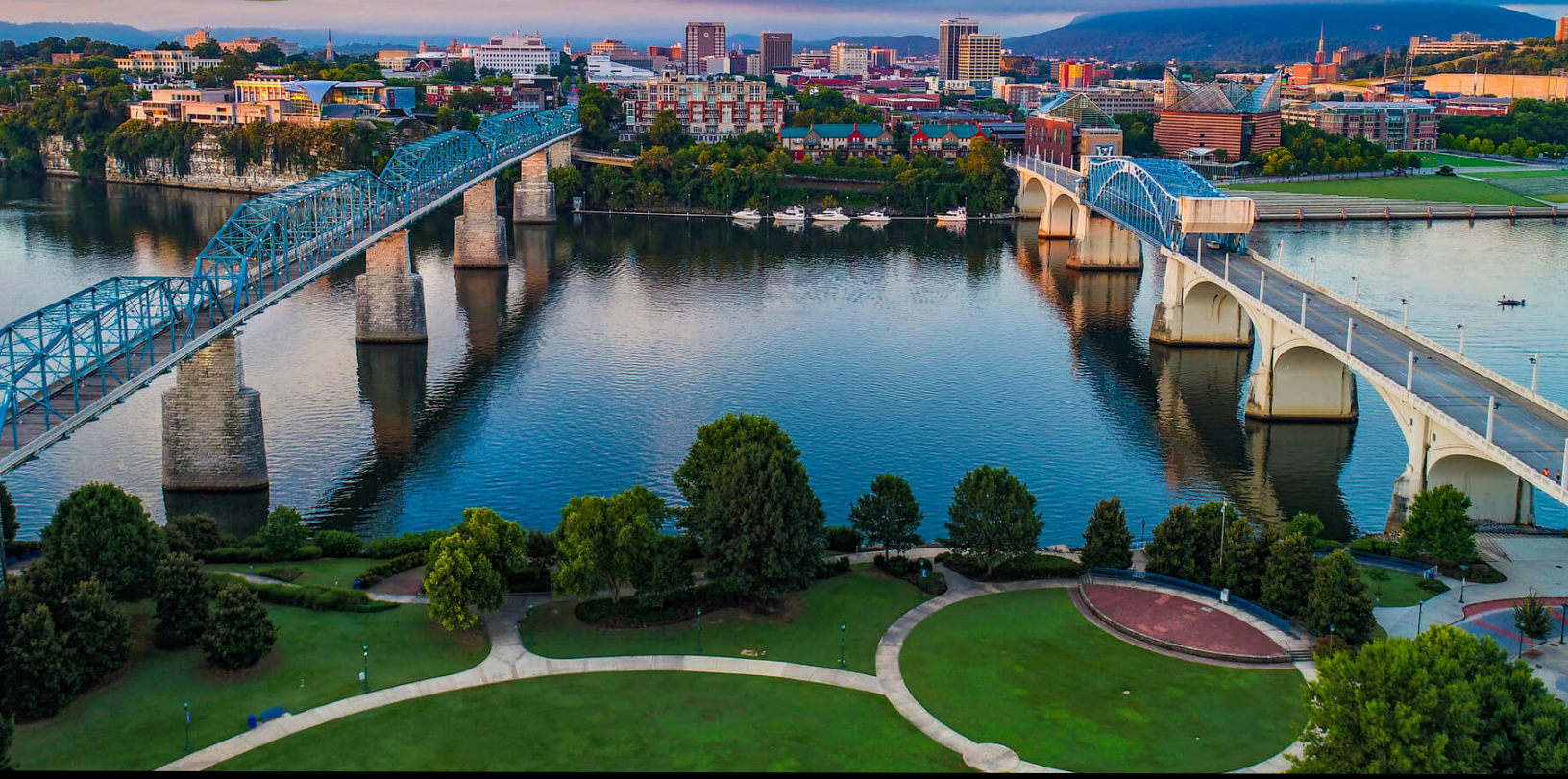
**** Membership to the Georgia Chapter is separate from being a member of the American Fisheries Society (AFS). Visit gaafs.org/membership for instructions on how to pay Georgia AFS dues online. Visit fisheries.org/membership to join AFS.**

Payment Options <ul style="list-style-type: none">• Check should be made payable to Georgia Chapter AFS and mailed to Rebecca Brown. One registration form per person.• Credit card payments use our online store.	Rebecca Brown 241 Apple Ridge 2 Dawsonville, GA 30534
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We strive to host inclusive, accessible events that enable all individuals, including individuals with disabilities, to engage fully. To request an accommodation or for inquiries about accessibility, please contact Rebecca Brown at GeorgiaAFS@gmail.com



Southern Division American Fisheries Society Annual Meeting January 31 - February 4, 2024



The Tennessee Chapter of the American Fisheries Society kindly invites you to the **2024 Southern Division AFS meeting** in Chattanooga, TN at the Chattanooga Convention Center.



The event venue will be the Chattanooga Convention Center, and hotel accommodations will be for the Marriot Chattanooga Downtown.



Meeting Information

FISH DISEASE SPOTLIGHT

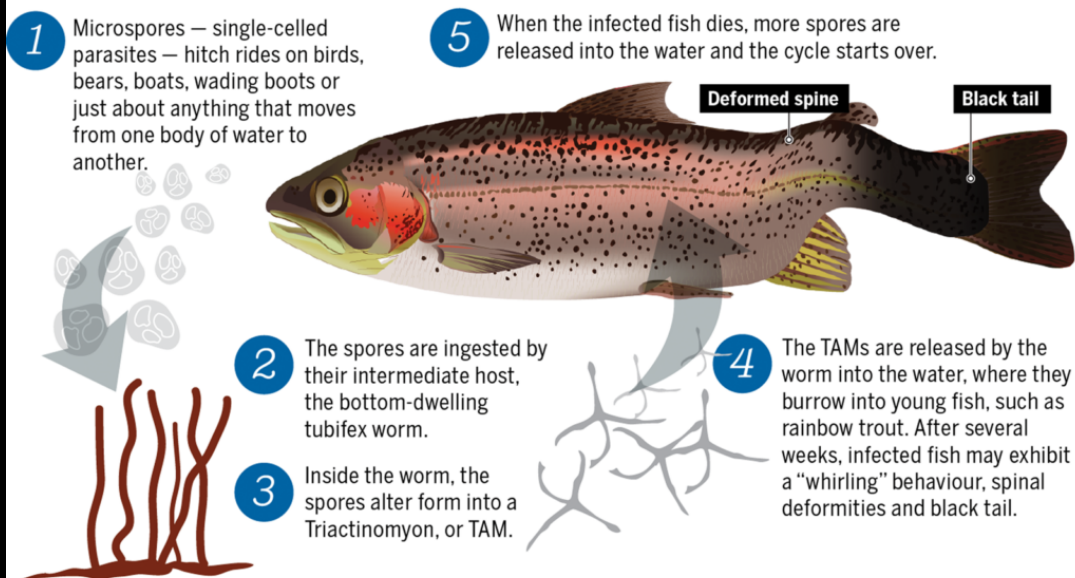
WHIRLING DISEASE

First detected in the U.S. in 1958 and first documented in Georgia in 2021. Whirling disease is caused by a microscopic parasite from Europe (*Myxobolus cerebralis*) that can infect some trout and salmon; it does not infect humans. It has been detected in 25 states. During the parasite's life cycle, it takes on two different forms as spores and requires two hosts: a common aquatic worm (*Tubifex tubifex*) and a susceptible fish.

SYMPTOMS

The parasite feeds on the fish's cartilage, and the infection can cause skeletal deformities, a blackened tail, and whirling swimming behavior. Because the fish cannot feed normally and is more vulnerable to predation, whirling disease can be fatal.

HOW WHIRLING DISEASE INFECTS FISH



SOURCE: NEW MEXICO DEPARTMENT OF GAME AND FISH, GETTY IMAGES

DARREN FRANCEY / POSTMEDIA NEWS

DIAGNOSIS

Clinical signs of the disease are not evident until fish are approximately 7 cm long. The disease is confirmed by microscopic identification of the myxozoan spores.

TREATMENT

No practical treatment exists for fish infected with this disease or for the waters containing infected fish.



Brown Trout with black, deformed tail.

Photo credit Barry Nehring

THREAT

Whirling disease can cause 90 percent or greater mortality of young rainbow trout and can have serious impacts to wild and hatchery trout populations. The parasite itself does not kill the host. Infested fish are more susceptible to predation and have difficulty eating.



American Fisheries Society

September 15-19, 2024
Honolulu



Conserving Fishes and Fishing Traditions through Knowledge Co-Production

The American Fisheries Society (AFS), President Cecil Jennings, the AFS Western Division, and AFS Pacific Islands Chapter are excited to host the 154th AFS Annual Meeting, September 15-19, 2024 in Honolulu, Hawai'i. The theme "Conserving Fishes and Fishing Traditions through Knowledge Co-Production" will stimulate a wide range of sessions focusing on the past, present, and future of fisheries conservation and management as we bring together professionals from across North America, the Pacific Islands, and countries throughout the world. The Honolulu Program Committee invites proposals for symposia, workshop/continuing education courses, and innovative sessions that support the theme and look to advance the fisheries profession.

American Fisheries Society 154th ANNUAL MEETING

[Call for Sessions](#)

Session proposal submission is open



Chapter Spotlight

Jay Shelton

Jay has been on the faculty at the UGA Warnell School of Forestry and Natural Resources for 34 years. Members of the UGA faculty teach a First-Year Odyssey Seminar and it should not surprise anyone that Jay's course is *The Science and Art of Flyfishing*. A favorite course of many fisheries students at Warnell is the Fishes of Georgia Field Study, a Maymester course Jay co-teaches with other faculty members. This course takes students around the state to learn about Georgia's different fish species in different ecological environments.

Jay is also a member of the Warnell outreach faculty. There are three general parts to his outreach work: (1) He works with private landowners and land managers on sportfish management (recreational fishing, water quality management, and aquatic plant management); (2) He works with municipalities on biological monitoring programs (fish and benthic macroinvertebrates) to better protect watersheds in Georgia; and (3) He works to assist stakeholders involved in aquaculture throughout the state.



What inspired you to pursue a career in fisheries?

I grew up in south Louisiana, the son of a tugboat captain, so I was around water all the time. Then as a very young child, I became obsessed with watching "The Undersea World of Jacques Cousteau" and that was it for me.

What are two things you love most about your job?

Watching students grow from scared little bunny rabbits into passionate natural resources professionals, and then interacting with those students as they venture out and work in the real world.

Outreach work allows me to do science and problem-solve in an extremely applied manner, so I often get to see the impact of my efforts in a relatively short span of time.



Chapter Spotlight Continued



Describe a project you are currently working on as part of your current position.

I am the lead for the Georgia Aquatic Connectivity Team. We are a volunteer group from a variety of organizations and agencies interested in increasing the statewide capacity for three things: (1) removal of obsolete dams; (2) replacement of old and poorly designed culverts; and (3) lateral connectivity to restore connections between streams and floodplains. I am currently working on connectivity projects that include stakeholders such as the Georgia Department of Transportation, the U.S. Forest Service, the U.S. Army at Fort Moore, and the City of Tybee Island.

Describe one or two of your favorite memories while working at the University of Georgia.

In 2015, I had a crazy idea - UGA owned an obsolete dam on the Oconee River, and I wanted to get rid of it. With the support of a huge list of cooperators, we successfully removed White Dam in 2018 and received the Clean 13 Award from the Georgia Water Coalition - an honor granted to businesses, industries, local governments, non-profit organizations, and individuals who have made extraordinary efforts to protect the water and natural resources of Georgia.

I am the faculty advisor for the UGA 5 Rivers Club. The Trout Unlimited 5 Rivers program is a network of more than 100 college clubs around the country focused on conservation, community outreach, and youth education. In 2022, for the first time in its 60+ year history, Trout Unlimited awarded the Silver Trout Award (a national conservation award) to a college organization (our club).



Chapter Spotlight Continued

What have been some of the most important lessons you've learned throughout your career?

The most important lesson I have learned as a fisheries professional is that fundamentally, success or failure depends on relationships with other people. You can't work effectively unless you can manage to earn the trust and respect of the stakeholders you work with. I have also learned that if you intend to be true to your values, you can't keep everyone happy. Often the best you can realistically hope for is to keep everyone equally unhappy.

What is a cause you are most passionate about?

I am very passionate about teaching and inspiring the next generation of fisheries professionals so that the things I love will be in good hands for years to come.

What was your most memorable vacation?

This year I ventured into the jungle along the border between Nicaragua and Costa Rica in search of giant tarpon that reportedly ventured far from the ocean and many miles up tropical rivers. I made this trip with my longest fly-fishing companion, and former GA DNR fisheries biologist, Les Ager. We were lucky enough to confirm the existence of jungle tarpon, evade the Nicaraguan army, and have quite an adventure along the way.

What is one of the best books you have ever read?

Best book on the subject of fishing is "The Longest Silence: A Life in Fishing" by Thomas McGuane.

If you were a fish, what fish would you be?

*I would be a red drum. I love to eat crabs and shrimp, and I love both freshwater and coastal ecosystems, both essential to the life history of noble *Sciaenops ocellatus*.*

Share two truths and a lie...mix them up.

I'm an extreme introvert, and while I really like fish, I am not particularly fond of people.

I am a very picky eater.

I believe one can never have enough boats, or fly rods.

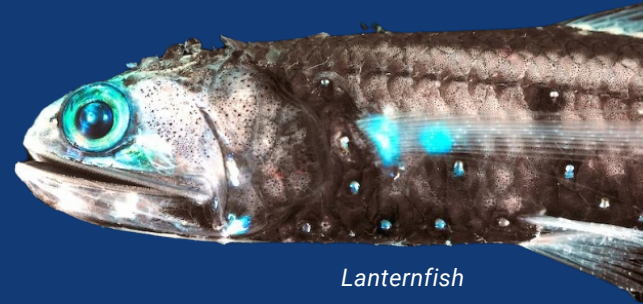


DID YOU KNOW?

Deep ocean carbon sequestration might be in trouble

Every day, many mesopelagic fish species participate in the largest regular migration on the planet. During this diel vertical migration, marine organisms move from the deep water to the surface to feed.

The carbon stored in the zooplankton consumed by these mesopelagic fish is transferred from the euphotic zone to the deep waters below through respiration and excretion. This transformation from carbon dioxide to deep ocean carbon is part of the biological carbon pump and helps explain how the ocean can absorb 25 percent of all global carbon emissions.



Lanternfish



Viperfish

A Spanish-led research expedition, the Malaspina Circumnavigation Expedition, observed the mesopelagic zone using echo sounders. Previous calculations of the mass of mesopelagic fish was estimated to be one billion tonnes, but the Malaspina Expedition results estimate the total to be 10 billion tonnes or more. This would indicate that mesopelagic fish make up about 90 percent of all fish biomass in the ocean.

Research at Rutgers University estimated that pelagic Menhaden fish poop sinks hundreds to about 1,000 meters a day. Mesopelagic fish release their poop further from shore and at a deeper point in the water column. Why is this important? The carbon in mesopelagic fish poop is more likely to reach deep ocean floor sediments where it has the potential to be sequestered for centuries.

PROBLEM

There is an increasing interest in harvesting mesopelagic fish to use as a source of animal feed and aquaculture. This could disrupt the important role mesopelagic fish have in carbon sequestration.

Read the whole story: [All the Fish We Cannot See](#)

Fishy News

Around the World

Click on title of article

LEGACY CONTAMINATION FROM MERCURY MINING IN THE FERGANA VALLEY REGION OF CENTRAL ASIA

Mercury concentrations were analyzed in topsoil, terrestrial vegetation, earthworms, riverine sediments, and fish collected from sites with varied histories of Hg mining within the Fergana Valley region.

TAMING WILD NORTHERN RIVERS COULD HARM MARINE FISHERIES AND THREATEN ENDANGERED SAWFISH

Freshwater flows to the sea play a crucial role, boosting the productivity of marine, estuarine and freshwater systems. These complex interactions must be carefully considered in the assessment of future development plans.

ASSESSING VULNERABILITY OF FISH AND INVERTEBRATES TO CLIMATE CHANGE IN THE SOUTHEAST

New NOAA-led research reveals species in the Gulf of Mexico and South Atlantic that may be most vulnerable or more resilient to climate change, as well as the reasons why.

BIODEGRADABLE PLASTICS STILL DAMAGING TO FISH - OTAGO STUDY

Biodegradable plastics may not be the solution to plastic pollution many hoped for, with a University of Otago study showing they are still harmful to fish. The study, published in Science of the Total Environment and funded by a University of Otago Research Grant, is the first to assess the impact petroleum-derived plastic and biodegradable plastic have on wild fish.

PINPOINTING THE EMERGENCE OF MUDDY FLAVORS IN YOUR FISH

Many people have experienced a muddy off-flavor in farmed fish. While the aquaculture industry has known about the problem for 20 years, it continues to impact the consumption of otherwise healthy and potentially sustainable fish. Now, University of Copenhagen researchers have been able to pinpoint exactly when the off-flavors emerge.

GLOBAL INVENTORY OF SOUND PRODUCTION BRINGS US ONE STEP CLOSER TO UNDERSTANDING AQUATIC ECOSYSTEMS

Our understanding of which aquatic species produce sounds just took a big step forward. Scientists have created an inventory of species confirmed or expected to produce sound underwater.



9TH WORLD FISHERIES CONGRESS

March 3–9, 2024 • Seattle, Washington, USA



Fish and Fisheries at the Food-Water-Energy Nexus

We look forward to welcoming you to Seattle, Washington for the 9th World Fisheries Congress from 3-9 March 2024.

Organized through the [World Council of Fisheries Societies](#), every four years delegates from around the world meet to exchange ideas and perspectives about new research, emerging issues, scientific breakthroughs, and governance related to fisheries science, industry, conservation, and management.

Join us in 2024 as we explore the congress theme of Fish and Fisheries at the Food-Water-Energy Nexus. We are preparing a program composed of an opening plenary, general sessions, education workshops, and planned symposia related to sustainability, fish and aquatic ecosystems, fisheries and society, and innovations in fisheries.

As host city, Seattle is an ideal location for an international fish and fisheries conference, with an international airport, a light rail system, and public transportation. Home to several academic, governmental and industry leaders in fish and fisheries sciences, Seattle has a vibrant downtown surrounded by verdant forests, snowcapped mountains, lakes and rivers, Puget Sound, and several National Parks.

MORE INFO





BUBBA'S VIDEO PICKS

TED-Ed: 8 Traits of Successful People
Richard St. John



—————

KEY Areas LOADED With Crappie!!!
(How To Find and Catch Them!)

Richard Gene the Fishing Machine



BUBBA BASS RECOMMENDS

**Happy New Year! Support Our
Fundraising Donors.**

Full list of our donors are just a few pages away

Click the logo to visit their website

*Looking to
escape from work
and relax.*



THE BOOTH MUSEUM
WESTERN ART

*Is it time for a family field trip? Be sure to visit
these two amazing museums in Cartersville.*



***Attention fly
anglers - check
out Loon
Outdoors!***



COAST®

*Have you tried
the COAST
rechargeable
headlamps?*

BUBBA BASS SAFETY TIP

Participation in paddle sports is one of the fastest growing recreational activities in the United States with kayaking ranking as number one. With this growth, unfortunately, the number of on water accident have gone up. Sadly, most serious injuries and deaths that occur while paddling could have been prevented.

1. **Always wear a properly fitting PFD while afloat**
2. Know how to handle your boat (propel, steer, and stop)
3. Never overload the boat with more weight than it was designed
4. Avoid weather and water conditions beyond your skill level.
5. Never approach a low-head dam, fallen tree or other obstruction
6. Learn how to self rescue
7. Wear a hat, sunscreen, and sunglasses for U.V. protection
8. Consider what safety equipment you need for the trip (river vs. lake)
9. File a float plan with a friend



Statistics show that over 80% of the paddlers who died in the United States were not wearing a PFD. However, 98% of paddlers report that they own one.

Bubba's Friends

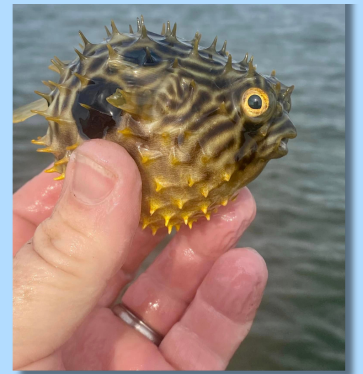
Striped Burrfish (*Chilomycterus schoepfi*)

The burrfish is a favorite among anglers and fish enthusiasts. Burrfish are covered with short, heavy spines that are always erect. They move by undulating or waving their pectoral fins and tails rather than by bending the entire body.

They live in seagrass beds in bays and coastal lagoons and over shallow coastal reefs from Maine to Brazil.



- Using their buccal pump, burrfish can take in water to inflate their bodies when threatened.
- Have large beak-like jaws that allow them to crush the shells of mollusks, an important part of their diet.
- Burrfish are collected, inflated, dried, shellacked and sold to tourists as souvenirs.
- They have iridescent blue-green pupils.



Fin and Games

Name the Fish

1



6



2



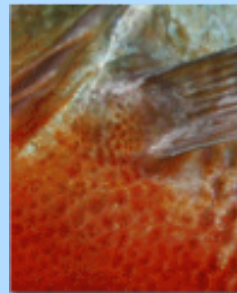
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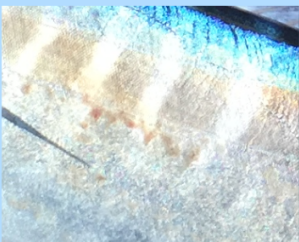
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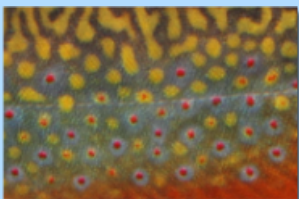
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10



5



Answers on back cover page

PROPS



Ed Zmarzly
Secret Fishing Spot



Bert Deener
Brunswick



Ellie Deener
Brunswick



Justin Bythwood
Secret Fishing Spot



Brandon Baker
North Carolina



Bryan Fluech
Brunswick



Rebecca Brown
Whitehall Forest, Athens



Jay Shelton
A Georgia River



Tim Bonvechio and
Brother-in-Law Bobby

Thank you for your Support!

GAAFS 2024 Sponsors

Platinum



Georgia
Power

Gold



Warnell School of Forestry
& Natural Resources
UNIVERSITY OF GEORGIA

Silver



Bronze



Marine Extension and
Georgia Sea Grant
UNIVERSITY OF GEORGIA



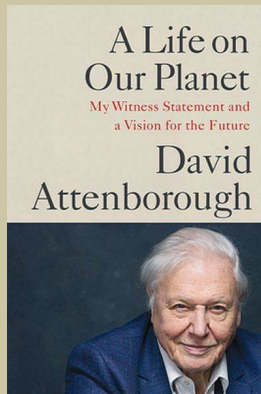
Thank you for your Support!

Georgia AFS 2024 Fundraising Donors



THE BOOKSHELF

ADULT NON-FICTION SECTION



A Life on Our Planet: My Witness Statement and a Vision for the Future

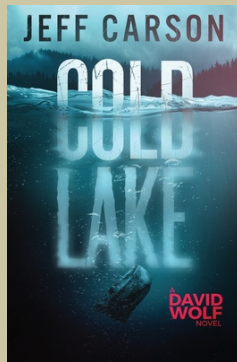
By Sir David Attenborough

In this scientifically informed account of the changes in nature over the last century, award-winning broadcaster and natural historian David Attenborough shares a lifetime of wisdom and a hopeful vision for the future.

[Learn More Link](#)



ADULT FICTION SECTION



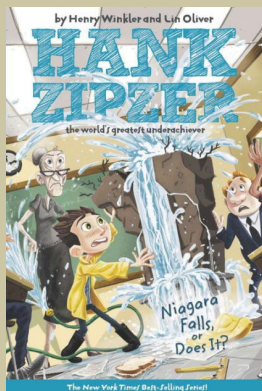
Cold Lake By Jeff Carson

A fisherman reels in a plastic bag containing a severed human head from the depths of Cold Lake, Colorado. When Sheriff David Wolf and his deputies scramble to the scene, they quickly find more surprises lurk below.

[Learn More Link](#)



YOUNG READER SECTION



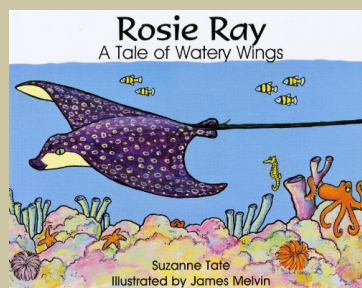
Hank Zipzer Niagara Falls, or Does It? By Henry Winkler and Lin Oliver

Inspired by the true life experiences of Henry Winkler, whose undiagnosed dyslexia made him a classic childhood underachiever, the Hank Zipzer series is about the high-spirited and funny adventures of a boy with learning differences.

[Learn More Link](#)



EARLY READER SECTION



Rosie Ray: A Tale of Watery Wings By Suzanne Tate and James Melvin (Illustrator)

Many facts about the spotted eagle ray, an elegant creature that leaps from the water and soars like an eagle.

[Learn More Link](#)



Membership Information



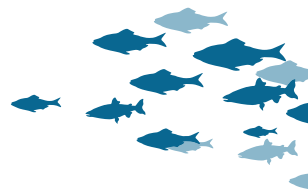
Are you a member of the American Fisheries Society?



American Fisheries Society

Please visit the AFS membership website to learn more about being part of the largest professional society of fisheries scientists in the world.

fisheries.org/membership/types-of-membership/



Some benefits for becoming a member of AFS:

- Free online and mobile app access to AFS publications
- Discounts on books in the AFS bookstore
- Discounted registration fees
- Opportunities for AFS travel grants
- Attend continuing education courses at reduced registration rates
- Access to online webinars
- Able to vote on Society and Chapter business



Learn more about AFS: <https://fisheries.org/about/>



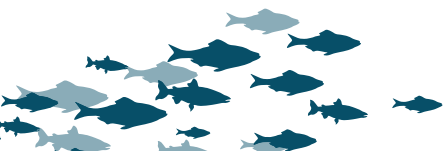
Are you a member of the Georgia Chapter of the American Fisheries Society?

Membership to the Georgia Chapter is separate from being a member of the American Fisheries Society (AFS). Membership in the Georgia Chapter is open to anyone interested in the progress of fisheries science and education in Georgia and the conservation and management of Georgia's fisheries and aquatic ecosystems. Chapter annual membership dues are \$10.



Georgia AFS Membership: gaafs.org/membership/

Georgia AFS membership dues support fisheries and aquatic conservation projects as well as aquatic education outreach programs in Georgia.



AFS/SDAFS MEETINGS

Future AFS Annual Meetings



American Fisheries Society

- 2024 Honolulu, HI: September 15-19
- 2025 San Antonio, TX: August 10-14
- 2026 Columbus, OH: August 30 - September 3

Volunteer to Serve on an AFS Committee

Any active member of the American Fisheries Society (AFS) is welcome to serve on AFS Committees.

MORE INFO



The Southern Division
of the American Fisheries Society

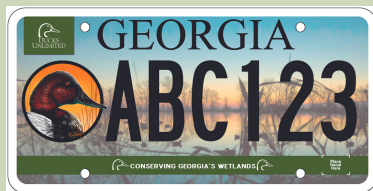
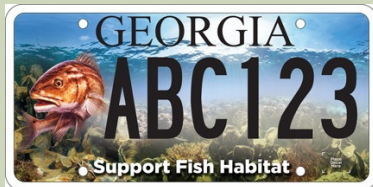
sd.fisheries.org/

Future SDAFS Meetings

- 2024 Chattanooga, TN (Jan. 31 - Feb. 4)
- 2025 North Carolina (Location and date TBD)
- 2026 New Orleans, LA (Date TBD)
- 2027 Alabama (Location and date TBD)
- 2028 Mississippi (Location and date TBD)

Information

Support for Fisheries Conservation and Sustainability



Do you have a specialty license plate that supports the conservation of Georgia's fisheries and aquatic ecosystems?

More information:
<https://gadnr.org/license-plates>

Click on the license plate for more information

80 percent of that \$25 fee goes directly to wildlife programs (\$19 the first year, \$20 with every renewal). Only \$5 goes to the State of Georgia General Fund.



Certified Fisheries Professional

There are many reasons for seeking professional certification. For some it represents achievement of a career goal while for others it represents a credential necessary to perform their job.

[Frequently Asked Questions about certification](#)

[AFS Application Process and due dates](#)

Job Hunting

AFS maintains an excellent Career Center page on its website. AFS provides several resources to help you find that fisheries job you want.

[AFS Career Center](#)

Do you want to improve your chances of getting that dream fisheries job?

[Georgia AFS Fisheries Career Tips](#)

Pesticide Applicator License

If you wish to purchase or use a restricted use pesticide (RUP), you or your supervisor must have a pesticide applicator's license from the Georgia Department of Agriculture.

[Georgia Dept. Agriculture Pesticide License Information](#)

[UGA Extension Pesticide Safety Education](#)

[Pesticide License Exam Study Videos](#)

Internships

Internships are a great way to gain valuable work experience employers look for in potential new hires.

Georgia AFS maintains a list of internships for fisheries students on its webpage.

[GAAFS Internship listing page](#)

Help us spread the word about interesting and insightful information about the conservation and sustainability of fishery resources and aquatic ecosystems.

The Chapter newsletter is designed to spread the word about the exciting work being done by fisheries professionals and students, deliver information about upcoming meetings and events, and provide other useful information for fisheries professionals and students. We welcome a broad range of submissions that address research and ideas relevant to marine and freshwater finfish and shellfish and their respective fisheries and environments. Submissions can range from a paragraph to 3 pages. Let us know if you have an idea for an article but are not sure if it is suitable for the newsletter. Topics for the newsletter can include any of the ideas listed below.

- Fisheries science research updates or innovative ideas
- Articles with advice for students and young professionals
- Accomplishments such as recently publishing a research paper, giving a talk at a community event, being interviewed for a podcast series, and anything in the realm of communications and outreach
- Environmental concerns related to fisheries and aquatic ecosystems
- Safety tips for fisheries professionals and students

Send your submissions to Rebecca Brown at GeorgiaAFS@gmail.com.

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Answers to Fin & Games
1. Shoal bass
2. Channel catfish
3. Etowah darter
4. Wahoo
5. Brook trout
6. Bowfin
7. Tripletail
8. Redbreast sunfish
9. Scalloped hammerhead
10. Northern hog sucker