

2025 Annual Meeting of the Texas Chapter of the American Fisheries Society

January 16th-18th, 2025
College Station, Texas



MEETING PROGRAM

WELCOME TO COLLEGE STATION!



Welcome to the 49th Annual Meeting of the Texas Chapter of the American Fisheries Society! It is an honor and a privilege to serve as your President as we gather again in College Station, a place deeply rooted in our chapter's history. This marks the sixth time we have hosted our annual meeting in Aggieland, and it seems only fitting that we return here as we approach our 50th anniversary. This meeting also precedes the 155th AFS annual meeting and Black Bass 2025 in San Antonio this August. These events will showcase TCAFS as a leader across the Southern Division and American Fisheries Society.

I want to express my gratitude to several individuals whose leadership has been instrumental in bringing this meeting to fruition. First, I would like to thank our President-Elect, Dr. Joshua Perkin, for his outstanding work organizing this year's meeting. I promised him that this year would be easier because we certainly wouldn't attempt to host a separate chapter meeting while also helping to prepare for San Antonio. Sorry, Josh, I was wrong, but your leadership was exactly what we needed to accomplish multiple meetings, and I look forward to passing on the chapter responsibilities to you.

I also want to recognize our secretary, Dr. Matthew Troia, who took on double duty this year as the newsletter committee chair and secretary; his meticulous attention to detail has kept our chapter informed and running smoothly. Our treasurer, Stephen Curtis, deserves special thanks for his service over the past two years, first as secretary/treasurer, and then as treasurer. He truly cares deeply about the success of this chapter, and we are sad to see his term end. Additionally, I want to thank our Immediate Past President, Dr. Mace, for his steady guidance and continued support.

Acknowledging the incredible work of every committee chair, co-chair, and committee member is also essential. The accomplishment of this and all our meetings lies directly on their shoulders. Our chapter's ongoing success would not have been possible without your dedication and commitment. From organizing technical sessions to coordinating outreach and fundraising efforts, your contributions make a lasting impact.

Our student programs are a point of pride for our chapter. This year, we are thrilled to award scholarships to several deserving students who have demonstrated exceptional dedication to fisheries science. These awards are not just about financial support; they recognize the students' hard work, passion, and potential in our field. It is our duty as a chapter to nurture and encourage the next generation, and I am proud of our work to achieve this goal.

In addition to scholarships, we will present awards for outstanding presentations and prestigious Fisheries Worker of the Year awards. These honors highlight the incredible efforts of student and professional members making significant contributions to fisheries research, management, and conservation. Recognizing excellence is an essential tradition within our chapter, and I look forward to celebrating these achievements during our meeting.

Thank you all for being part of this journey. Whether you are a longtime member or attending your first meeting, your participation and engagement strengthen our chapter. I made a choice to make the Texas Chapter of the American Fisheries Society my professional home, and it has been one of the most rewarding decisions of my career. I sincerely hope that this meeting brings you energy and passion. Together, we will continue to make a lasting impact on fisheries science and conservation.

Sincerely, Steven Bardin,
President, Texas Chapter of the American Fisheries Society



Howdy and welcome to College Station! This year's annual Texas Chapter of the American Fisheries Society meeting marks 50 years since the formation of the chapter in College Station in 1975. Half a century later our chapter has developed into a leader in fisheries science as evidenced by our remarkable and talented members – talents that will be on full display at this year's meeting. Our committees and members have organized continuing education sessions on forward facing sonar and its application in fisheries management as well as a tour of the Texas A&M University Biodiversity Research and Teaching Collections fishes coupled with a review of emerging conservation challenges and opportunities for freshwater fishes across the state of Texas. We will host an aquatic plant identification workshop and participate in the second annual service project focused on non-native riparian plant removal from a local creek. Our membership's contributions to fisheries science will be illustrated at an engaging poster social, and the next generation will forge career-long connections during a student mixer. We will host two concurrent sessions of technical presentations with topics that range from coastal to inland, from populations to ecosystems, and from local to global scales.



It's exciting to think about what the next 50 years might hold for our Chapter and the foundations for future work that we will cement at this meeting. During my time as President-Elect, I've so far reflected on what our Chapter has been. How past presidents might have operated – river crossings by rowboat; landlines; a desk without a computer on it – these were hinderances of the past we are now free of. As you enjoy the meeting, please join me in thinking about what our future holds. Who will your new colleagues be; what new methods might you use in your daily fisheries work; and what challenges will you lead the charge against? These questions might very well be answered during our conference.

Finally, this meeting would not be possible without the support of our members, contributions by our sponsors, and diligent work by our multiple committees. We owe a debt of gratitude to the organizers for their dedication to organizing such an outstanding opportunity to socialize, discuss and share ideas, and learn about new topics. I'm glad you're here and I hope you enjoy your time in College Station!

Sincerely,

Joshuah S. Perkin, PhD

President-Elect, Texas Chapter of the American Fisheries Society



2024-2025 TEXAS CHAPTER OFFICERS AND COMMITTEE CHAIRS

| | | |
|---|---|--|
| PRESIDENT Steven Bardin | EDITORIAL Kelly Kowal Preston Bean | NEWSLETTER Matthew Troia, Ph.D. |
| PRESIDENT ELECT Joshuah Perkin, Ph.D. | ENDOWMENTS Brian Van Zee | NOMINATING Greg Cummings |
| PAST PRESIDENT Chris Mace, Ph.D. | HISTORY Ray Mathews | POND MANAGEMENT Todd Sink |
| SECRETARY Matthew Troia, Ph.D. | INTERNET Haley Kokel Ryan Seymour | PUBLICITY/EXHIBITS Dylan Kwak Anthea Fredrickson Zoe Nichols |
| TREASURER Stephen Curtis | ISSUES Steven Bardin | SCHOLARSHIP Jennifer Butler |
| AWARDS Beth Silvy, Ph. D. | MEMBERSHIP Tommy Johnson | STUDENT OUTREACH Carmen Montaña, Ph.D. |
| CONTINUING EDUCATION Blake Thornton | | |

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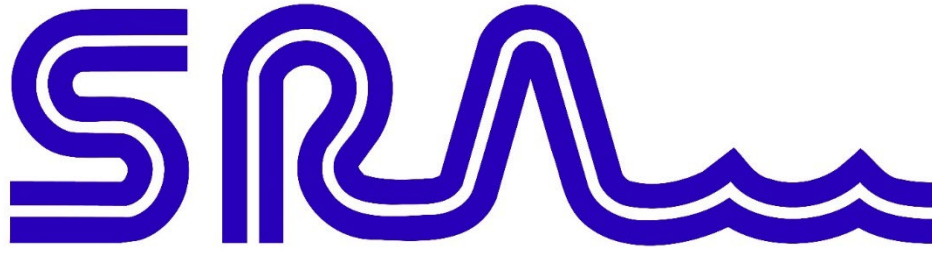


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Schedule at a Glance

Thursday, January 16, 2025

| | | |
|--------------------|--|---|
| 10:00 AM - 5:00 PM | TCAFS Conference Registration Exhibits Setup Poster Set up Raffle/Auction Set Up Storage | Promenade Pre-Function Area Ballrooms 3 & 4 Ballrooms 1 + 2 Mockingbird D |
| 1:00 PM - 4:40 PM | Load Presentations | Promenade |
| 1:00 PM - 3:00 PM | Continuing Education: <u>Forward Facing Sonar in Fisheries Management</u> <i>Instructor: Steven Bardin</i> | Ballrooms 1 + 2 |
| 1:00 PM - 3:00 PM | Continuing Education: <u>Fish Collection Tour and Native Fish Conservation</u> <i>Instructor: Kevin Conway and Gerard Kyle</i> | Meet at Texas A&M BRTC <i>(See Page 15)</i> |
| 3:30 PM - 5:00 PM | <u>Aquatic Plant Identification Workshop</u> <i>Led by: Haley Kokel</i> | Ballrooms 1 + 2 |
| 3:30 PM - 5:00 PM | <u>Service Project: Wolf Pen Creek non-native riparian plant removal</u> <i>Led by: Josh Perkin and Alexander Neal</i> | Meet at Lick Creek Park <i>(See Page 16)</i> |
| 6:00 PM - 7:30 PM | Poster Social | Ballrooms 3 + 4 |
| 7:30 PM - 9:00 PM | Student Mixer | Ballrooms 1 + 2 |

Friday, January 17, 2025

| | | |
|----------------------------|-----------------------------|-------------------------|
| 8:30 AM - 8:40 AM | President's Welcome | Ballroom 3 |
| 8:40 AM - 10:20 AM | Technical Session | Ballrooms 3 & 4 |
| 10:20 AM - 10:40 AM | Break | Lobby |
| 10:40 AM - 12:00 PM | Technical Session | Ballrooms 3 & 4 |
| 12:00 PM - 1:40 PM | Lunch | On Your Own |
| 12:00 PM - 1:40 PM | Student-Mentor Lunch | Oakwood Ballroom |
| 1:40 PM - 3:00 PM | Technical Session | Ballrooms 3 & 4 |
| 3:00 PM - 3:20 PM | Break | Lobby |
| 3:20 PM - 5:00 PM | Technical Session | Ballrooms 3 & 4 |
| 6:00 PM - 9:00 PM | Awards Banquet | Ballrooms 1, 2, 3 + 4 |

Saturday, January 18, 2025

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|---------------------------|----------------------------|-----------------|
| 7:00 AM - 8:00 AM | Past President's Breakfast | North 40 |
| 8:20 AM - 9:40 AM | Technical Session | Ballrooms 3 & 4 |
| 9:40 AM - 10:00 AM | Break | Lobby |
| 10:00 AM - 11:00 AM | Technical Session | Ballrooms 3 & 4 |
| 11:00 AM - 12:00 PM | Business Meeting | Ballroom 3 |
| 12:00 PM | Adjourn | |



Technical Session Schedule

Friday, January 17th

| | Ballroom 3 | Ballroom 4 |
|--------------------|---|---|
| 8:40-9:00 | Comparing eDNA metabarcoding and standardized electroshocking to assess fish assemblages in Texas rivers and streams <i>Kylie Perkins, University of Houston-Clear Lake</i> | Columnaris-causing bacteria in Texas cultured and sport fish: genotyping and antimicrobial susceptibility <i>Md Inja Mamun Haque, Texas A&M University</i> |
| 9:00-9:20 | Llano River Carpsucker or Hill Country Quillback? Morphological, Molecular, and Phylogenetic Relationships of Texas <i>Carpodes</i> Inhabiting the Edwards Plateau <i>Hayden Roberts, Texas A&M University</i> | Investigating the Effects of Osmotic Stress on Virulent <i>Aeromonas hydrophila</i> , the Causative Agent of Motile <i>Aeromonas</i> Septicemia (MAS) in U.S. Catfish Aquaculture <i>Ozgur Erdogan, Texas A&M University</i> |
| 9:20-9:40 | The effect of mate choice, competition, and physiology on hybrid swarm dynamics in darters (<i>Etheostoma</i> sp.) <i>Brynn Johnson, Texas A&M University</i> | Sex Determination and Stock Enhancement of Southern Flounder <i>Christopher Jingle, Texas Parks and Wildlife Department</i> |
| 9:40-10:00 | Abundance and detection correlates for Ash Meadows speckled dace across a heterogenous desert riverscape <i>Jacob Wolff, Texas A&M University</i> | Evidence of changing age and growth and sex ratio of Southern Flounder (<i>Paralichthys lethostigma</i>) in Texas <i>Isabelle Cummings, Texas Parks and Wildlife Department</i> |
| 10:00-10:20 | Fish Species and Assemblage Thresholds Associated with Drought in the Upper Brazos River <i>Michael Curtis, University of North Texas</i> | From a Muddy Bottom to a Flourishing Oasis <i>Rachel Parmer, Texas Parks and Wildlife Department</i> |
| 10:20-10:40 | Break | |
| 10:40-11:00 | Assessing Scales of Temporal Inference for Stream Fish Assemblage Structure in the San Saba and Llano Rivers <i>Thomas Dodson, Texas A&M University</i> | Diversity and stability of fish and invertebrates in bays along the Texas coast <i>Hannah Bleth, Texas A&M University</i> |
| 11:00-11:20 | Changes in riverine fish assemblage structure and function post-reservoir construction: a 70-years perspective <i>Johnathan Ellard, Texas A&M University</i> | How is fish behavior influenced by exposure to environmental mercury or hypoxia? <i>Jacob Oster, Texas A&M University-Corpus Christi</i> |
| 11:20-11:40 | Environmental correlates and ecological consequences for long-term fish assemblage change in the Neches River Basin <i>Rebecca Mangold, Texas A&M University</i> | Tackling Tarpon: Using Fish Scales to Track Atlantic Tarpon Movements in the Gulf of Mexico <i>Blake Munz, Texas A&M University-Corpus Christi</i> |



Ballroom 3

Ballroom 4

| | | |
|--------------------|---|---|
| 11:40-12:00 | A framework for integrating stream ecosystem theories into spatial modeling of fish richness and assemblage structure <i>Lucas Stevens, Texas A&M University</i> | Intra-guild and spatial variation in trophic ecology of fishes in the Rupununi River and floodplain: Evidence from stable isotopes <i>Benton Fry, Texas A&M University</i> |
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12:00-1:40

Lunch

Student-Mentor Lunch Oakwood Ballroom

Poster Break Down -unclaimed posters will be at registration

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|------------------|--|---|
| 1:40-2:00 | Novel methodology in bioenergetic modeling to project survival and growth: Eastern Brook Trout (<i>Salvelinus fontinalis</i>) case study <i>Karmann Kessler, Texas A&M University</i> | Measuring and predicting fish movement in a restored but serially fragmented riverscape <i>Jacob Barrett, Texas A&M University</i> |
| 2:00-2:20 | Developing and Validating a Bioenergetic Model for Guadalupe Bass (<i>Micropterus treculii</i>) <i>Gabriel Murillo, The University of Texas at San Antonio</i> | Quantifying short-term movement of mussel host fishes to advance ecological modeling <i>Calvin Young, Texas A&M University</i> |
| 2:20-2:40 | Safeguarding Zebra Shark Population through Research and Conservation Efforts <i>Julia Tapilatu, Texas A&M University</i> | |
| 2:40-3:00 | Growth performance and age structure of Red Drum in Texas' inland lakes: A fresh look at the state saltwater fish of Texas <i>Joel Anderson, Texas Parks and Wildlife Department</i> | Reintroducing Freshwater Mussels into the Restored Mission Reach of the San Antonio River <i>Garrett Tucker, San Antonio River Authority</i> |

3:00-3:20

Break

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| 3:20-3:40 | Abundance and Growth of Spot (<i>Leiostomus xanthurus</i>) in the Western Gulf of Mexico <i>Damon Williford, Texas Parks and Wildlife Department</i> | Current Status of Zebra Mussels in Texas with Lake-Specific Invasion Risk Assessment <i>Monica McGarrity, Texas Parks and Wildlife Department</i> |
| 3:40-4:00 | Disentangling Drivers of Beta Diversity in Stream Fish Communities in Texas: Taxonomic, Functional, and Phylogenetic Approaches <i>Anastasia Umstott, Stephen F. Austin State University</i> | Golden Algae Under Control: Prophylactic and Reactive Use of Humic Acid <i>Brittany Chesser, Texas A&M University</i> |
| 4:00-4:20 | | Harnessing Humic Acid: A Promising Approach to Managing Microcystis Blooms <i>Todd Sink, Texas A&M Agrilife Extension Service</i> |



Ballroom 3**Ballroom 4**

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| 4:20-4:40 | Predicting Movement of the Highly Invasive Western Mosquitofish <i>Rose Blanchard, Texas A&M University</i> | Why we shouldn't kill old, large, long-lived fish <i>Kirk Winemiller, Texas A&M University</i> |
| 4:40-5:00 | Seasonal variation in invasive suckermouth armored catfish distributions and habitat use: An integrated approach with implications for broad-scale population control. <i>Robert Mollenhauer, Texas Parks and Wildlife Department</i> | Aquatic Plant Identification for the Fisheries Professional <i>Casey Williams, BIO-WEST</i> |

Saturday, January 18th**Ballroom 3****Ballroom 4**














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| 8:20-8:40 | Ecological and Community Uplift through Stream Restoration in the Urban San Antonio River System <i>Adrian Arroyos, San Antonio River Authority</i> | Texas Abandoned Crab Trap Removal Program: Supporting volunteer efforts and trap detection <i>Holly Grand, Texas Parks and Wildlife Department</i> |
| 8:40-9:00 | Science Needs to Inform Regulatory Programs to Conserve Texas Streams <i>Beth Bendik, Texas Parks and Wildlife Department</i> | Blue and Channel Catfish gill net selectivity in Texas Reservoirs <i>Lynn Wright, Texas Parks and Wildlife Department</i> |
| 9:00-9:20 | I see dead fish. What now? – An Overview of the Kills and Spills Team <i>Jennifer Bronson-Warren, Texas Parks and Wildlife Department</i> | Effects of size-selective catch-and-release angling on population size structure of two Black Bass (<i>Micropterus</i> spp.) species in an Alabama Reservoir <i>Thomas Pullen, Texas Parks and Wildlife Department</i> |
| 9:20-9:40 | Impact of parametric uncertainty on predictions of an analytical streamflow depletion model <i>Tomasz Koralewski, Texas A&M University</i> | Experimental Oyster Restoration to Inform Site Design and Planning <i>Lindsey Savage, Texas Parks and Wildlife Department</i> |
| 9:40-10:00 | Break | |
| 10:00-10:20 | Status and trends of the Salado Salamander (<i>Eurycea chisholmensis</i>) <i>Jennifer Bronson-Warren, Texas Parks and Wildlife Department</i> | Coastal Brigade, Growing our Future Coastal Conservation Leaders <i>Emily Miller, Texas Parks and Wildlife Department</i> |
| 10:20-10:40 | Implementation of a Large-Scale Sea Turtle Restoration Project <i>Angela Schrift, Texas Parks and Wildlife Department</i> | Texas Chapter of the American Fisheries Society 50 Year Historical Highlights 1975-2026 <i>Raymond Mathews, Jr., TCAFS Historian</i> |
















Poster Presentations

Thursday, January 16th, 6:00 – 7:30 pm

Poster Presentation

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|  | Aggregation and collation of Texas crayfish museum specimens to determine their current conservation statuses <i>Adrian Alvarez, The University of Texas at Tyler</i> |
|  | Aiding Imperiled Fish and Mussel Conservation Using Swimming Performance Metrics to Inform the Design or Modification of Road Stream Crossings <i>Allie Burdette-Lapuz, University of North Texas</i> |
|  | American Eel (<i>Anguilla rostrata</i>) Staging and Morphometrics at Recruitment to a Texas Bayou <i>Noah Santee, University of Houston - Clear Lake</i> |
|  | An Analysis of Ten Years of Fish Kill Data from The Texas Parks and Wildlife Department's Kills and Spills Team <i>Travis Tidwell, Texas Parks and Wildlife Department</i> |
|  | Application of a known-fate model to assess crayfish mark retention <i>Robert Mollenhauer, Texas Parks and Wildlife Department</i> |
|  | Artificial Reef Site Selection Modeling in Texas Offshore Waters <i>Melakeneh Gedefaw, Texas Parks and Wildlife Department</i> |
|  | Assessing Blue Sucker Tributary Use in the Lower Colorado River of Texas <i>Meghan Booknis, Texas A&M University</i> |
|  | Assessing co-occurrence and competition between Guadalupe bass and Largemouth bass: evidence from observational studies and a laboratory experiment <i>Riley Taylor, The University of Texas at San Antonio</i> |
|  | Assessing seasonal variation in habitat associations and co-occurrence between invasive suckermouth armored catfish and imperiled Rio Grande darter in San Felipe Creek <i>Jose Perez, The University of Texas at San Antonio</i> |
|  | Building a West Texas Fishery from the Ground Up <i>Michael Homer, Texas Parks and Wildlife Department</i> |
|  | Changes in the Catch Rates of Alligator Gars in Galveston Bay Following Major Flood Events <i>Jessica Geiskopf, Texas Parks and Wildlife Department</i> |
|  | Characterization of the Texas Sheephead fishery highlights substantial pressure on spawning aggregations <i>Chas Downey, Texas Parks and Wildlife Department</i> |
|  | Diversity of Fish Assemblages Across Rivers and Streams in Texas <i>Lauren Soliz, University of Houston - Clear Lake</i> |














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|  | Effects of Salinity on the Toxicity and Real-Time Metabolic Rate Responses of Acute Ammonia Exposure to Juvenile <i>Macrobrachium rosenbergii</i> <i>Edward Mager, University of North Texas</i> |
|  | Enumerating Larval Southern Flounder (<i>Paralichthys lethostigma</i>) with Photography Post Harvest <i>Ashley Fincannon, Texas Parks and Wildlife Department</i> |
|  | Environmental and socio-economic variables influencing angler trip grade satisfaction for three heavily targeted species in Texas coastal waters: Red Drum (<i>Sciaenops ocellatus</i>), Spotted Seatrout (<i>Cynoscion nebulosus</i>), and Red Snapper (<i>Lutjanus campechanus</i>) <i>Caren Utley, Texas Parks and Wildlife Department</i> |
|  | Environmental tolerances and habitat association of three critically imperiled crayfish species in Texas <i>Andrew Walker, The University of Texas at Tyler</i> |
|  | Establishing Species-Specific Hematological Reference Intervals for Channel Catfish (<i>Ictalurus punctatus</i>) Using Automated Profiling <i>Hridi Arnab Biswas, Texas A&M University</i> |
|  | Establishing the distribution of the Australian Redclaw Crayfish (<i>Cherax quadricarinatus</i>) and the impacts it could have on native populations <i>Margaret (Addie) Munn, The University of Texas at Tyler</i> |
|  | Estimates of fish taxonomic diversity in the Essequibo River, Guyana, based on environmental DNA versus traditional sampling methods <i>Megan Hobratschk, Texas A&M University</i> |
|  | Evaluating the body condition of Rio Grande Cutthroat trout (<i>Oncorhynchus clarkii virginalis</i>) in mountain streams with and without non-native Brown trout (<i>Salmo trutta</i>). <i>Hannah Adams, Texas Tech University</i> |
|  | Evaluation of invasive risk models using eDNA <i>Katherine Rollefson, Texas Cooperative Fish and Wildlife Research Unit - Texas Tech University</i> |
|  | Evolutionary Change in Killifish Fitness in Response to Differential Parasitism and Predation <i>Anne Christian, The University of Texas at Arlington</i> |
|  | Exploring taxonomic and body size diversity of catfishes (Order Siluriformes) in rivers of the Guiana Shield <i>Joe Sheffield, Stephen F. Austin State University</i> |
|  | Exploring the Relationship Between Index of Biotic Integrity and Species Composition Variability in East Texas Streams <i>Katelyn Defrancis, Stephen F. Austin State University</i> |
|  | Factors affecting persistence of fish attracting structures in reservoirs <i>Preston Bean, Texas Parks and Wildlife Department</i> |



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|  | Fish community dynamics in the Guadalupe River of the Edwards Plateau: Results from long-term monitoring by the Student AFS Subunit of the University of Texas at San Antonio <i>Isabela Silva, The University of Texas at San Antonio</i> |
|  | Fish Community Monitoring as part of the Trinity River Authority's Clean Rivers Program <i>Ryan Seymour, Trinity River Authority of Texas</i> |
|  | Fish Species Richness in Tributary Creeks along the Essequibo River: Comparison of Estimates from Net Surveys and eDNA <i>Madison Nguyen, Texas A&M University</i> |
|  | Image Recognition Model for Crustacean Postlarvae Counting and Size Estimation <i>Fabio Expedito Dos Santos Neto, University of North Texas</i> |
|  | Improving Land Cover Detection for Fisheries Management: Comparing High-Resolution Models to the NLCD <i>Eden Brody, Texas Tech University</i> |
|  | Influence of Survey Methods on Size Structure Detection in Freshwater Mussel Populations: Implications for Demographic Assessment <i>Jeremy Maikoetter, Zara Environmental</i> |
|  | In-Situ Habitat Data Collection with Concurrent Fisheries-Independent Data along the Texas Coast <i>Story Leshner & Chelsea Crosby, Texas Parks and Wildlife Department</i> |
|  | Language as a Tool for Conservation: Evaluating Marine Protected Area Policies Across Nations <i>Mary Beth Rayburn, Texas A&M University</i> |
|  | Larval and early juvenile fish recruitment to micro habitats in Matagorda Bay, Texas <i>Polly Hajovsky, Texas Parks and Wildlife Department</i> |
|  | Life History Strategies Predict Species Responses to Environmental Gradients in the Upper Brazos River, Texas <i>Chase Nimee, Stephen F. Austin State University</i> |
|  | Local environmental Drivers Influencing Two Imperiled Sympatric Cyprinids in East Texas Streams <i>Magdalene Moses, Stephen F. Austin State University</i> |
|  | Long-term Population Trends of Texas Red Drum Using Fishery Dependent and Independent Data <i>Daniela Emery, Texas Parks and Wildlife Department</i> |
|  | Monitoring Results from The Upper Galveston Bay Sustainable Oyster Reef Restoration Project: The Influence of ENSO on Monitoring Results and Project Performance <i>William Rodney, Texas Parks and Wildlife Department</i> |
|  | Morphological - Habitat correlates in a species-rich fish assemblage - The Characiformes, in the Essequibo River, Guyana <i>Adair Hernandez, Stephen F. Austin State University</i> |



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|  | Muddying the water: a taxonomic investigation into the mud darter (<i>Etheostoma asprigene</i>) and gumbo darter (<i>E. thompsoni</i>) <i>Wesley Arend, Texas A&M University</i> |
|  | Nekton Community and Habitat Assessment Plan for Pre- and Post-Condition Monitoring at Otila Dam <i>Caille Marshall, San Antonio River Authority</i> |
|  | Sex-Specific Spotted Seatrout Distribution and Trends in Texas Estuaries <i>Alyx Bradley, Texas Parks and Wildlife Department</i> |
|  | Short term drought impacts are influenced by annual flow patterns and fish life history strategies in North Texas <i>Cassandra Rendon, East Texas A&M University</i> |
|  | The Effect of Freshwater Inflow on Species Assemblage in San Antonio Bay <i>Jason Jaworski, Texas Parks and Wildlife Department</i> |
|  | The Influence of Fish Density and in Stream Structure on Blacktail shiner (<i>Cyprinella venusta</i>) Habitat Preference: A Microcosm Study <i>Erica Hagmeyer, Sam Houston State University</i> |
|  | The Mechanosensory Lateral Line System of the Federally Endangered Clear Creek Gambusia <i>Gambusia heterochir</i> <i>Tiffany Inbody, Texas A&M University</i> |
|  | Towards a better understanding of southern Great Plains fish responses to increasing droughts in Texas <i>Carmen G Montaña, Stephen F. Austin State University</i> |
|  | Using natural tags to track Southern Flounder (<i>Paralichthys lethostigma</i>) movement through Texas estuaries <i>Kimber Montanye, Texas A&M University-Corpus Christi</i> |
|  | Variability and Environmental Drivers of Eastern Oyster Growth in Texas Coastal Bays (1990-2023) <i>Jessica Randall, Texas Parks and Wildlife Department</i> |
|  | Water return following extreme drought contributes to fish assemblage structural convergence across a stream channel-floodplain riverscape <i>Davis Stairs, Texas A&M University</i> |



Fish Collections Tour and Native Fish Conservation Workshop

Thursday January 16, 2025

1:00 – 3:00 PM

As a part of the Texas Chapter of the American Fisheries Society's annual meeting, we are pleased to present the opportunity to tour the Collection of Fishes housed within the Texas A&M University Biodiversity Research and Teaching Collections (BRTC) (<https://brtc.tamu.edu/collections/ichthyology/>) and participate in a workshop focused on conservation actions in Native Fish Conservation Areas (NFCAs) across the state of Texas.

Who:

Texas Chapter of the American Fisheries Society members, Dr. Kevin Conway (<https://sites.google.com/site/conwaykw>), and Drs. Gerard Kyle and Daniel Pilgreen (<https://rwfm.tamu.edu/people/kyle-gerard/>).

What:

This session will include a 30-minute presentation about conservation actions in Texas freshwater fish NFCAs as well as a tour of the Collection of Fishes.

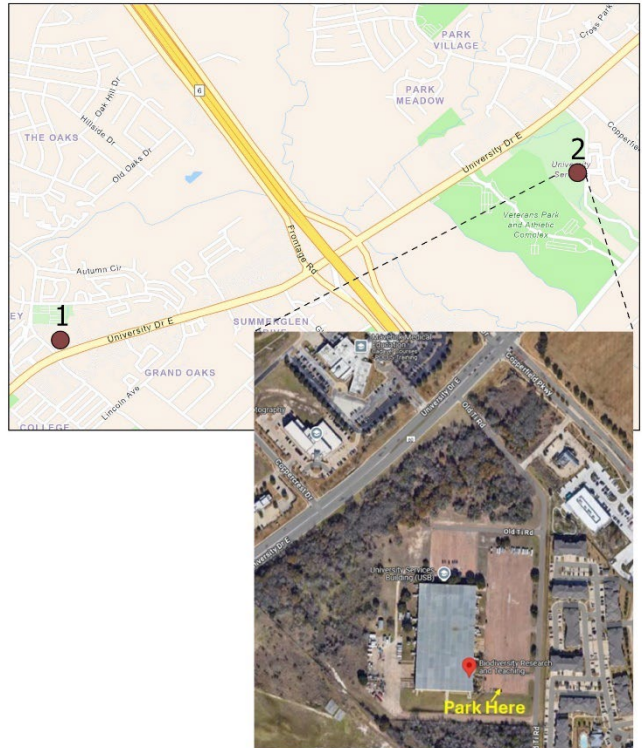
When:

We will meet at 1:00 pm on Thursday, January 16, 2025, and continue until 3:00 pm.

Where:

Texas A&M University Biodiversity Research and Teaching Collections:
[3380 University Dr E, College Station, TX 77845](https://www.tamu.edu/biodiversity-research-teaching-collections/)

- (1) Hilton: 801 University Dr E, College Station, TX 77840
- (2) BRTC: 3380 University Dr E, College Station, TX 77845



Why:

This session will cover the major areas occupied by Texas freshwater fishes where conservation actions are coordinated across larger areas, termed conservation areas. The results of a research survey of experts will be presented and attendees can share their opinions and thoughts. The remarkable diversity of freshwater fishes in Texas is captured by the >900,000 specimens housed within TAMU Collection of Fishes; and this session offers a behind-the-scenes tour of this collection.



2025 TCAFS ANNUAL MEETING
2nd Annual TCAFS Service Project
Thursday January 16, 2025
3:30 – 5:00 pm

We are proud to offer another service opportunity at this year’s Texas Chapter of the American Fisheries Society annual meeting. This year we will focus on riparian plant restoration and litter removal. The focal area is Wolf Pen Creek ([Wolf Pen Creek Park](#)) and we will be working with the City of College Station (<https://www.cstx.gov/>) and the Texas Water Resources Institute (<https://twri.tamu.edu/>). The goal is to remove non-native Johnson Grass and Bermuda Grass so that native riparian vegetation can be planted.

Who:

Texas Chapter of the American Fisheries Society and the Texas Water Resources Institute; Contact Josh Perkin with questions (jperkin@tamu.edu; 979 458 1814).

What:

We’ll be removing non-native grasses and vines. Please wear long pants, closed-toed shoes, and bring gardening or work gloves if you have them. We can also conduct a litter removal along the stream (litter bags will be provided).

When:

We will meet at 3:30 pm on Thursday, January 16, 2025, and work until 5:00 pm.

Where:

We will meet at the Wolf Pen Creek Park parking lot:

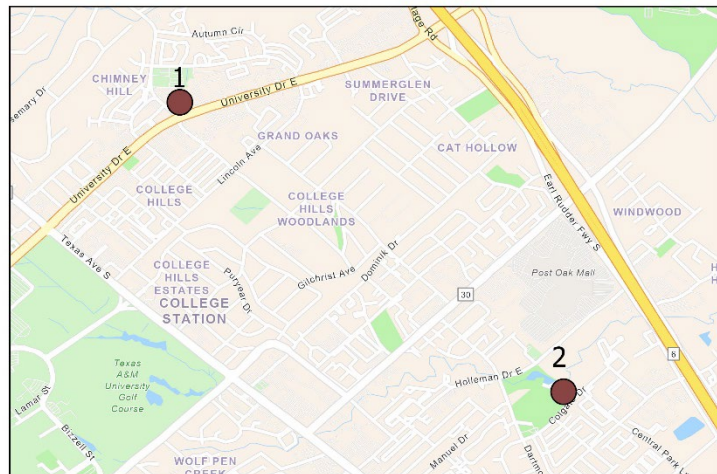
1015 Colgate Dr, College Station, TX 77845

There is a nearby overflow parking lot at the corner of Colgate and Dartmouth:

2275 Dartmouth St, College Station, TX 77840

Why:

Service projects such as this benefit local communities and ecosystems and signify the Texas Chapter of the American Fisheries Society’s commitment to the conservation, development, and wise utilization of fisheries and aquatic resources.



- (1) Hilton: 801 University Dr E, College Station, TX 77840
- (2) Wolf Pen Creek Parking: 1015 Colgate Dr, College Station, TX 77845

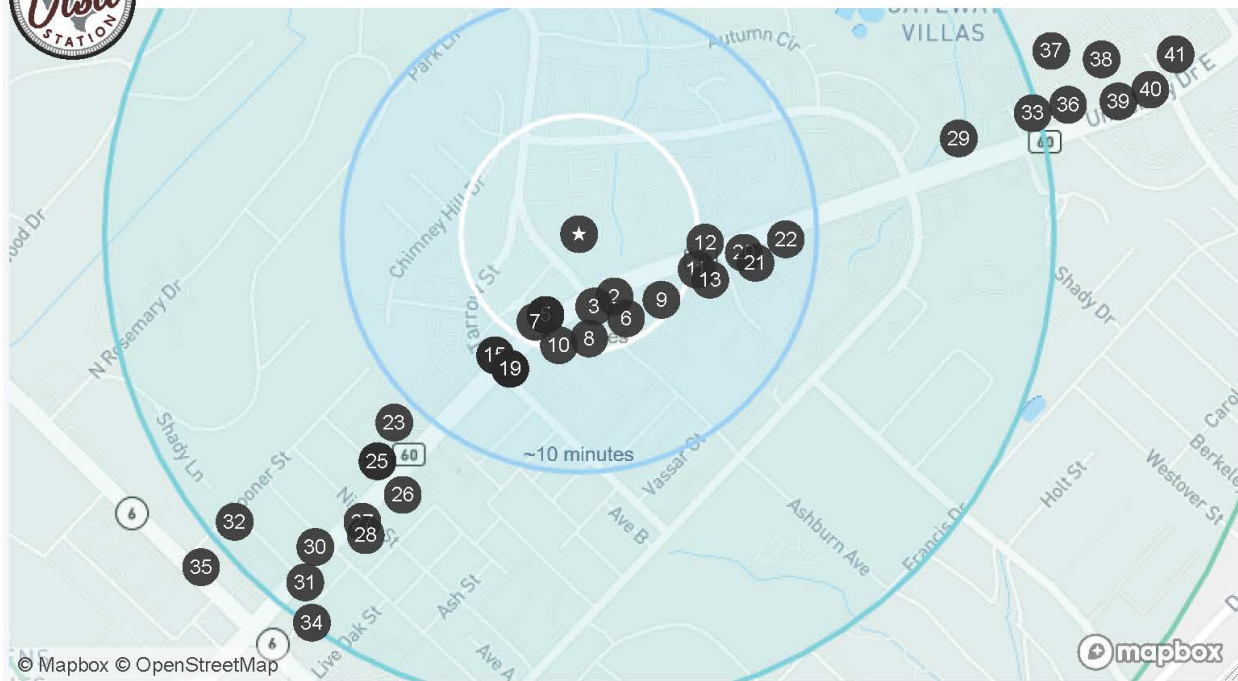


HOTEL MAP GROUND FLOOR





Restaurants- Hilton Central



★ Hilton College Station & Conference Center
 Restaurants
 801 University Drive E
 College Station, TX 77840

4 Five Guys
 Restaurants
 711 University Dr E Unit 100
 College Station, TX 77840

7 Starbucks
 Cafes
 709 University Dr E
 College Station, TX 77840

10 The Toasted Yolk- College Station
 Restaurants
 700 University Dr E Suite B
 College Station, TX 77840

13 Roosters Run
 Restaurants
 940 University Dr E
 College Station, TX 77840

16 Four Downs Sports Bar
 Bars
 700 University Dr E 101
 College Station, TX 77840

19 Wingstop
 Restaurants
 700 University Dr E Ste B201
 College Station, TX 77840

2 Razzoo's Cajun Cafe
 Restaurants
 820 University Dr E
 College Station, TX 77840

5 Snooze, an A.M. Eatery
 Bars
 711 University Dr E Suite 400
 College Station, TX 77840

8 Rosa's Café & Tortilla Factory
 Restaurants
 710 University Dr E
 College Station, TX 77840

11 Willie's Grill & Icehouse
 Bars
 940 University Dr E
 College Station, TX 77840

14 Primrose Path Wine Bar
 Restaurants
 701 University Dr E
 College Station, TX 77840

17 Golden Corral Buffet & Grill
 Restaurants
 700 University Dr E ste a
 College Station, TX 77840

20 Grub Burger Bar
 Bars
 980 University Dr E #400
 College Station, TX 77840

3 Blue Baker
 Restaurants
 800 University Dr E 100
 College Station, TX 77840

6 Atami Steak & Sushi
 Restaurants
 800 University Dr E #200
 College Station, TX 77840

9 Casa Mangiare
 Restaurants
 840 University Dr E
 College Station, TX 77840

12 Buffalo Wild Wings
 Bars
 903 University Dr E
 College Station, TX 77840

15 The Republic Steakhouse
 Bars
 1701 University Dr E
 College Station, TX 77840

18 Siam Iyara Thai Restaurant
 Restaurants
 700 University Dr E Suite C
 College Station, TX 77840

21 The Cookshack
 things to do
 980A University Dr E
 College Station, TX 77840

2025 TCAFS ANNUAL MEETING

- 22 McAlister's Deli**
Restaurants
1006 University Dr E
College Station, TX 77840
- 23 Nick The Greek**
Restaurants
505 University Dr E
College Station, TX 77840
- 24 Capriotti's Sandwich Shop**
things to do
505 University Dr E
College Station, TX 77840
- 25 Mamaka Bowls**
Restaurants
505 University Dr E
College Station, TX 77840
- 26 Chef Cao**
Restaurants
404 University Dr
College Station, TX 77840
- 27 Tropical Smoothie Cafe**
Restaurants
310 University Dr E Suite 200
College Station, TX 77840
- 28 Pepperoni's - College Station**
Restaurants
310 University Dr E Suite 100
College Station, TX 77840
- 29 Panera Bread**
Cafes
1407 University Dr E
College Station, TX 77840
- 30 Burger Mojo**
Restaurants
209 University Dr E
College Station, TX 77840
- 31 Jimmy John's**
Restaurants
200 University Dr e
College Station, TX 77840
- 32 The Tacobar**
Restaurants
404 Jane St #400
College Station, TX 77840
- 33 Minuti Coffee**
Cafes
8203 Raymond Stotzer Pkwy Suite c
College Station, TX 77845
- 34 Fuego Tortilla Grill**
Restaurants
108 Poplar St
College Station, TX 77840
- 35 Sonic Drive-In**
Restaurants
401 Texas Ave
College Station, TX 77840
- 36 Wings 'N More® Restaurant and Bar**
Bars
1511 University Dr E
College Station, TX 77840
- 37 Chipotle Mexican Grill**
Restaurants
1505 University Dr E
College Station, TX 77840
- 38 Newk's Eatery**
Restaurants
1613 University Dr E
College Station, TX 77840
- 39 Texas Roadhouse**
Bars
1601 University Dr E
College Station, TX 77840
- 40 Fish Daddy's Grill House**
Bars
1611 University Dr E 2643
College Station, TX 77840
- 41 Cheddar's Scratch Kitchen**
Restaurants
1701 University Dr E
College Station, TX 77840

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<https://share.threshold360.com/map/tw9tmq>



THRESHOLD 360

