

TYLER STEVEN COLEMAN

CURRICULUM VITAE

Southeastern Louisiana University
Department of Biological Sciences
808 N. Pine Street
P.O. Box 10736
Hammond, LA, USA 70402
Phone: +1 (716) 777-0957

Email: tscoleman3@gmail.com
ORCID: <https://orcid.org/0000-0001-7472-1976>
Website: <https://tscresearch.org/>

EDUCATION

- Aug. 2019–Dec. 2023 **Ph.D. in Wildlife Ecology and Conservation, Florida Cooperative Fish and Wildlife Research Unit, University of Florida**
Dissertation: Long-term assessment of Florida fisheries amid changing climatic and environmental conditions.
Advisor: Andrew K. Carlson
Committee: Micheal S. Allen, Miguel A. Acevedo, José Miguel Ponciano, Benjamin A. Staton
- Aug. 2017–May 2019 **M.Sc. in Fisheries, Aquaculture, and Aquatic Sciences, Auburn University**
Thesis: Evaluation of a shoreline rotenone application to control largemouth bass *Micropterus salmoides* recruitment in small impoundments.
Advisor: Matthew J. Catalano
Committee: Dennis R. DeVries, Russell A. Wright
- Aug. 2013–Dec. 2016 **B.Sc. in Biology, Tennessee Tech University**
Thesis: Juvenile fish growth related to diet.
Advisor: Steven Bradford Cook
Committee: Keith Gibbs
-

ACADEMIC & RELEVANT POSITIONS

- Jan. 2026–present **Assistant Research Professor (Non-Tenure-Track)**, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University
- June 2025–present **Research Associate**, Vertebrate Museum, Southeastern Louisiana University
- June 2023–Dec. 2025 **Postdoctoral Research Scientist**, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University
- Aug. 2019–Dec. 2023 **Graduate Assistant**, Florida Cooperative Fish and Wildlife Research Unit, Department of Wildlife Ecology and Conservation, University of Florida
- Aug. 2017–May 2019 **Graduate Assistant**, School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University
- Nov. 2016–Dec. 2017 **Fish & Wildlife Biological Scientist II**, Florida Fish and Wildlife Conservation Commission
- Jan. 2014–Nov. 2016 **Fisheries Technician**, Tennessee Cooperative Fishery Research Unit, Department of Biology, Tennessee Tech University

Sept. 2014–Nov. 2016 **Aquatic Invertebrate Technician**, Department of Biology,
Tennessee Tech University

May 2015–Aug. 2016 **Park Ranger**, Tennessee State Parks

Sept. 2015–May 2016 **Algal Ecology Technician**, Department of Biology, Tennessee Tech University

FUNDING & RECOGNITION

GRANTS (TOTAL AWARDED ≈ USD 10.425 MILLION)

USD = MONETARY VALUES IN U. S. DOLLARS; ^PDENOTES DECISION PENDING; ^DDENOTES REQUEST DENIED

- 2026–2030 ^PLouisiana Department of Environmental Quality grant. “*Tangipahoa River Oil Spill Long-Term Impact Assessment*.” Research proposal through Southeastern Louisiana University. Amount requested = USD 8.5 million. Role = co-PI.
- 2026–2028 ^PLake Pontchartrain Basin Restoration Program. “*Tracking heavy-metal contamination and biological stress in blue crabs across the Lake Pontchartrain Basin*.” Research proposal through Southeastern Louisiana University. Amount requested = USD 306,938. Role = co-PI.
- 2026–2028 ^PLake Pontchartrain Basin Restoration Program. “*How industry meets resiliency: optimization of sustainable apex predator uses to promote strategic restoration and habitat connectivity in the Pontchartrain Basin*.” Research proposal through Murray Biological Solutions, LLC. Amount requested = USD 232,765. Role = scientific partner.
- 2026–2028 ^PAir Products Foundation grant. “*Lake Maurepas monitoring program: phase IV*.” Research proposal through Southeastern Louisiana University. Amount requested = USD 12.1 million. Role = collaborator (not named co-author due to status as a postdoc).
- 2026–2028 ^PAir Products Foundation grant. “*Lake Maurepas monitoring program: gulf sturgeon in Lake Maurepas, Louisiana*.” Research proposal through Southeastern Louisiana University. Amount requested = USD 55,000. Role = PI.
- 2026 ^PTennessee Wildlife Resources Agency research grant. “*Survey of demography and spatial ecology of American alligators in southwest Tennessee*.” Research proposal through Murray Biological Solutions, LLC. Amount requested = USD 94,677. Role = scientific partner.
- 2025–2026 Louisiana Department of Environmental Quality grant. “*Tangipahoa River Oil Spill Impact Assessment*.” Research proposal through Southeastern Louisiana University. Amount awarded = USD 147,287. Role = co-PI.
- 2024–2025 Air Products Foundation grant. “*Lake Maurepas avian community biomonitoring program*.” Research proposal through Southeastern Louisiana University. Amount awarded = USD 95,745. Role = co-PI.
- 2024–2025 Louisiana Department of Wildlife and Fisheries, U.S. Department of Agriculture Animal and Plant Health Inspection Service Congressional grant. “*Environmental influences and spatial variation in disease prevalence of wild versus harvested American alligator populations*.” Research proposal through Murray Biological Solutions, LLC. Amount awarded = USD 167,642. Role = scientific partner.

- 2023–2025 Air Products Foundation grant. *“Lake Maurepas monitoring program: phase III.”* Research proposal through Southeastern Louisiana University. Amount awarded = USD 9.9 million. Role = collaborator (not named co-author due to status as a student).
- 2023–2025 WILDLABS Awards research grant. *“Innovative sensor technologies for sustainable coexistence: advancing crocodilian conservation and ecosystem monitoring in Costa Rica.”* Research proposal through Southeastern Louisiana University. Amount awarded = USD 10,000. Role = collaborator.
- 2025 ^DTennessee Wildlife Resources Agency research grant. *“Survey of demography and spatial ecology of American alligators in southwest Tennessee.”* Research proposal through Murray Biological Solutions LLC. Amount not awarded = USD 84,677. Role = scientific partner.
- 2019–2023 University of Florida, Wildlife Graduate Student Association travel grants. Amount awarded = USD 1,500.
- 2022 American Fisheries Society, Florida Chapter travel grant. Amount awarded = USD 950.
- 2017–2019 Alabama Department of Conservation and Natural Resources Public Fishing Lakes research grant. *“Density-dependent growth when controlling largemouth bass recruitment in Alabama public fishing lakes.”* Research proposal through Auburn University and the Alabama Agricultural Experiment Station. Amount awarded = USD 99,408. Role = collaborator (not named co-author due to status as a student).
- 2017–2019 American Fisheries Society, Auburn University Subunit travel grants. Amount awarded = USD 2,225.

SCHOLARSHIPS, AWARDS, & HONORS

USD = MONETARY VALUES IN U. S. DOLLARS

- 2024 Center for Faculty Excellence Praise the Pride Award, Southeastern Louisiana University.
- 2024 Florida Cooperative Fish and Wildlife Research Unit 2023 Annual Report Dedication.
- 2023 Outstanding Graduate Teaching Award, University of Florida.
- 2023 Doris and Earl Lowe and Verna Lowe Scholarship, University of Florida College of Agriculture and Life Sciences. Amount awarded = USD 2,000.
- 2022 Florida Wildlife Federation Scholarship. Amount awarded = USD 1,000.
- 2022 American Fisheries Society Roger Rottmann Memorial Scholarship, Florida Chapter. Amount awarded = USD 1,000.
- 2022 Doris and Earl Lowe and Verna Lowe Scholarship, University of Florida College of Agriculture and Life Sciences. Amount awarded = USD 2,000.
- 2021 Teaching Assistant Award, Department of Wildlife Ecology and Conservation, University of Florida.
- 2020 Wildlife Ecology and Conservation Jennings Scholarship, University of Florida. Amount awarded = USD 2,000.
- 2019 American Fisheries Society David Bayne Scholarship, Alabama Chapter. Amount awarded = USD 1,000.

- 2016 Undergraduate Teaching Assistant Award, Tennessee Tech University.
- 2016 Wildlife Science Award, Tennessee Tech University. Amount awarded = USD 1,000.
- 2013–2014 Bellar Family Student Scholarship. Amount awarded = USD 4,000.
- 2013–2016 Baseball Student-Athlete Scholarship, Tennessee Tech University.
- 2012 United States Marines Student-Athlete Academic Honor Award.

FELLOWSHIPS

USD = MONETARY VALUES IN U.S. DOLLARS; ^PDENOTES DECISION PENDING; ^DDENOTES REQUEST DENIED

- 2025–2026 ^DEcological Society of America, Editorial Fellowship Program. Amount not awarded = USD 6,000 stipend over 2 years.
- 2019–2023 Presidential Fellowship, University of Florida. Amount awarded = USD 155,000 stipend + tuition over 5 years.
- 2018–2022 ^DNational Science Foundation, Graduate Research Fellowship Program. Amount not awarded = USD 400,000 over 5 years.

PUBLICATIONS

PEER-REVIEWED PUBLISHED, IN-PRESS, OR ACCEPTED

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION

6. Murray, C. M., **T. S. Coleman**, W. Gabel^S, K. W. Krauss. 2025. American alligators (*Alligator mississippiensis*) as wetland ecosystem carbon stock regulators. *Scientific Reports*. <https://doi.org/10.1038/s41598-025-87369-x>
5. **Coleman, T. S.**, W. Gabel^S, M. Easter, M. McGreal^M, M. S. Marin, D. B. Garrigos, C. M. Murray. 2024. The spatial ecology of nuisance crocodiles: movement patterns of relocated American crocodiles (*Crocodylus acutus*) in Guanacaste, Costa Rica. *Animals*. <https://doi.org/10.3390/ani14020339>
4. Holdgrafer, J. P.^M, D. S. Mason, **T. S. Coleman**, M. A. Lashley. 2024. Food resource richness increases seed disperser visitations and seed rain richness. *Ecology and Evolution*. <https://doi.org/10.1002/ece3.11093>
3. **Coleman, T. S.**, R. W. Eckelbecker, A. K. Carlson, D. R. DeVries, R. A. Wright, B. A. Staton, S. W. Parker, C. R. Chittam^M, R. G. Lovell, M. J. Catalano. 2023. Evaluation of shoreline rotenone application to control largemouth bass recruitment in small impoundments. *North American Journal of Fisheries Management*. <https://doi.org/10.1002/nafm.10953>
2. Parker, S. W., **T. S. Coleman**, A. K. Carlson, J. R. Fischer. 2023. Characterization of fish assemblages in eleven multi-use reservoirs from North Carolina, USA. *Journal of Freshwater Ecology*. <https://doi.org/10.1080/02705060.2023.2241494>
1. Eckelbecker, R. W., **T. S. Coleman**, M. J. Catalano. 2022. Incorporating time-lapse digital cameras into creel surveys at three Alabama reservoirs. *North American Journal of Fisheries Management*. <https://doi.org/10.1002/nafm.10828>

IN PEER-REVIEW OR REVISION

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION

10. **Coleman, T. S.**, J. Lopez-Perez, K. Flowers, W. Gabel^S, C. M. Murray. Vertebrate roles in ecosystem function: a case study of an apex predator nutrient impact using river diversion models. *Estuarine, Coastal, and Shelf Science*.

9. Oathout, C.^S, C. Gard, **T. S. Coleman**, K. R. Piller. Comparing aquatic environmental DNA collection methods across a diel cycle in a lotic system. *Environmental DNA*.
8. Johnson, A. R.^M, **T. S. Coleman**, J. B. Nasser^M, M. McGreal^M, K. R. Piller, C. M. Murray. Evaluating PFAS and cadmium effects on a largemouth bass (*Micropterus nigricans*) stress response. *Conservation Physiology*.
7. Pine III, W. E., R. Ahrens, **T. S. Coleman**, E. V. Camp, J. F. Moore. Mortality. Pages #-# in C. S. Guy, M. L. Brown, and T. O. Brenden, editors. *Analysis and Interpretation of Freshwater Fisheries Data, 2nd Edition*. American Fisheries Society, Bethesda, Maryland.
6. Pine III, W. E., D. Sinnickson, **T. S. Coleman**, P. Frederick. Assessing oyster size distributions within intertidal Eastern Oysters *Crassostrea virginica* across restoration sites, harvest zones, and spatial locations in the Big Bend of Florida. *Marine and Coastal Fisheries*.
5. Pine III, W. E., J. F. Moore, M. Dodrill, J. Aufmuth, M. Moreno, **T. S. Coleman**, J. Casteel, S. Beck, B. Ennis, N. Rogers, P. Frederick. Substrate restoration is a partial but not complete solution for long-term declines in oyster populations—a case history from the northeastern Gulf of Mexico. *Marine and Coastal Fisheries*.
4. Herod, T. A., **T. S. Coleman**, C. D. McMahan, C. M. Murray. Suggested links between phenotype constraint release and incubation environment in the American alligator (*Alligator mississippiensis*): hypotheses on the evolutionary maintenance of temperature-dependent sex determination. *Ecology and Evolution*.
3. Noguera, M. S., **T. S. Coleman**, P. Reynolds, R. E. Knudsen, B. Lattinville, A. Slater, A. Woods, N. Gravenstein. Ecology of the human beard microbiome, a pilot study using genomic sequencing. *mBio*.
2. Parker, S. W., J. F. Moore, K. A. Wilkinson, A. R. Breton, A. K. Carlson, J. E. Hines, **T. S. Coleman**, W. E. Pine III. Range-wide multistate mark-recapture estimates of survival and movement rates for threatened gulf sturgeon. *Canadian Journal of Fisheries and Aquatic Sciences*.
1. Henderson, M., **T. S. Coleman**, C. Nix, M. Kearley, D. Kearley, C. M. Murray. Population demographics of the American Alligator (*Alligator mississippiensis*) in the lower Mobile-Tensaw Delta, Alabama. *Ichthyology and Herpetology*.

IN PREPARATION (DRAFTS AVAILABLE UPON REQUEST; ANTICIPATED SUBMISSION WITHIN 6 MONTHS)

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION

19. **Coleman, T. S.**, T. Tuten, M. Allen, M. Richardson, A. K. Carlson. Assessment of climate-change effects on a dynamic socio–ecological freshwater species: a black crappie case study. *Journal of Freshwater Ecology*.
18. **Coleman, T. S.**, M. Richardson, K. Johnson, R. W. Eckelbecker, S. W. Parker, A. K. Carlson. Long-term assessment of Florida bass growth and condition in relation to climate change and macrophyte coverage in Florida. *North American Journal of Fisheries Management*.
17. **Coleman, T. S.**, B. Thompson, S. Bisping, M. Richardson, A. K. Carlson. Effects of climatic and trophic factors on two black crappie fisheries in Florida. *North American Journal of Fisheries Management*.
16. **Coleman, T. S.**, W. Gabel^S, A. W. Mott, A. Johnson^M, M. McGreal^M, C. Hall^S, D. Camak, C. Oathout^S, S. Brogan^S, M. Campo^M, C. M. Murray, K. R. Piller. Creating a Lake Maurepas long-term monitoring program through integrative design: a fisheries update (November 2023–November 2025). *Transactions of the American Fisheries Society*.
15. **Coleman, T. S.**, A. W. Mott, W. Gabel^S, M. McGreal^M, A. Johnson^M, C. Oathout^S, S. Brogan^S, M. Campo^M, K. R. Piller, C. M. Murray. Population structure and physiological condition of blue crabs in Lake Maurepas, Louisiana, USA. *Estuaries and Coasts*.

14. **Coleman, T. S.**, K. R. Piller. Age and growth of largemouth bass (*Micropterus nigricans*) in Lake Maurepas, Louisiana, USA: implications for fisheries management. *North American Journal of Fisheries Management*.
13. **Coleman, T. S.**, A. Johnson^M, W. Gabel^S, D. Camak, A. W. Mott, C. Oathout^S, S. Brogan^S, M. Campo^M, K. R. Piller, C. M. Murray. Physiological stress in catfishes of Lake Maurepas: implications for ecosystem monitoring. *Environmental Toxicology and Chemistry*.
12. **Coleman, T. S.**, R. W. Eckelbecker, A. K. Carlson, D. R. DeVries, R. A. Wright, B. A. Staton, S. W. Parker, C. R. Chittam^M, R. G. Lovell, M. J. Catalano. Shoreline rotenone application effects on public fishing lakes in Alabama. *North American Journal of Fisheries Management*.
11. **Coleman, T. S.**, R. W. Eckelbecker, A. K. Carlson, B. A. Staton, M. S. Allen, S. W. Parker, C. R. Chittam^M, A. E. Wilson. Fish population responses to length-limit management strategies: a meta-analysis. *Fishes*.
10. **Coleman, T. S.**, J. F. Moore, W. E. Pine III. Abundance estimation and detection probability based on observers and experience related to EVPI. *Methods in Ecology and Evolution*.
9. Richardson, M., J. Martin, **T. S. Coleman**, S. Yurek, D. Chagaris, W. E. Pine III. Isolating the effects of physical drivers on freshwater detention provided by restored oyster reefs. *Marine and Coastal Fisheries*.
8. Moreno, M. M., J. Aufmuth, D. Maxwell, J. F. Moore, **T. S. Coleman**, P. Smith, W. E. Pine III. Establishing a progressive data management workflow for biological data to inform adaptive management decisions. *PeerJ Biodiversity and Conservation*.
7. Serrano, J. C.^M, **T. S. Coleman**, R. R. Carthy. Tidally-driven gas exchange: effects on loggerhead sea turtle hatchling emergence. *Journal of Coastal Research*.
6. Johnson, A. R.^M, **T. S. Coleman**, C. M. Murray. American alligator (*Alligator mississippiensis*) landscape physiology and stress drivers in Lake Maurepas, Louisiana. *Landscape Ecology*.
5. Milstead, L.^M, **T. S. Coleman**, J. Lopez-Perez, C. M. Murray. Effects of light and density on the physiological stress response of the American alligator (*Alligator mississippiensis*) in aquacultural facilities. *Journal of Animal Physiology and Animal Nutrition*.
4. McGreal, M.^M, **T. S. Coleman**, D. B. Garrigos, M. S. Marin, C. M. Murray. Hydrology drives behavioral flexibility in the seasonal movements of American crocodiles (*Crocodylus acutus*) in Costa Rica. *Ecography*.
3. Parker, M. J., **T. S. Coleman**, K. R. Piller, C. M. Murray. Alternative sources of point-source intraspecific disparity in fish body shape: history versus ecological niche breadth. *Journal of Fish Biology*.
2. Herod, T. A., A. R. Litmer, **T. S. Coleman**, C. Godwin, J. Lopez-Perez, C. M. Murray. Predation versus inundation risks: testing for optimal nesting habitat in oviparous aquatic reptiles. *Ecology and Evolution*.
1. Parker, S. W., **T. S. Coleman**, J. R. Fischer. Population dynamics of reservoir striped bass: a statewide assessment of stocking and management. *North American Journal of Fisheries Management*.

SELECT REPORTS & OTHER NOTABLE WRITTEN COMMUNICATIONS

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION

9. McGreal, M.^M, Y. Shin, **T. S. Coleman**, C. M. Murray. 2025. Innovative sensor technologies for sustainable coexistence: advancing crocodilian conservation and ecosystem monitoring in the United States and Costa Rica. *WILDLABS Final Report*.
8. **Coleman, T. S.**, W. Gabel^S, A. R. Johnson^M, M. McGreal^M, C. M. Murray. 2024. Aquatic physiology annual report: year 2 phase III. *Air Products Foundation Report*. Southeastern Louisiana University, Hammond, LA, USA.

7. Gabel, W.^S, **T. S. Coleman**, D. Camak, A. Mott, C. Oathout^S, C. Hall^S, K. Piller. Aquatics team annual report: year 2 (01 Nov. 2023 – 01 Nov. 2024). 2024. *Air Products Foundation Report*. Southeastern Louisiana University, Hammond, LA, USA.
6. Piller, K., C. M. Murray, G. Shaffer, F. Emami, R. Moreau, **T. S. Coleman**. With the assistance of W. Gabel^S, C. Hall^S, A. Mott, N. Stevens, M. McGreal^M, A. R. Johnson^M. Lake Maurepas monitoring (phase III) annual report: year 2 (01 Nov. 2023 – 01 Nov. 2024). 2024. *Air Products Foundation Report*. Southeastern Louisiana University, Hammond, LA, USA.
5. **Coleman, T. S.**, W. Gabel^S, M. Easter, M. McGreal^M, M. S. Marin, D. B. Garrigos, C. M. Murray. 2024. Costa Rican crocodiles return home after relocation, study finds. *Science Featured Series*. <https://sciencefeatured.com/2024/09/20/costa-rican-crocodiles-return-home-after-relocation-study-finds/>
4. Piller, K., C. M. Murray, G. Shaffer, F. Emami, R. Moreau, **T. S. Coleman**. With the assistance of W. Gabel^S, C. Hall^S, A. Mott, N. Stevens, M. McGreal^M, A. R. Johnson^M. 2023. Lake Maurepas monitoring (phase III) annual report: year 1 (January 2023 – December 2023). *Air Products Foundation Report*. Southeastern Louisiana University, Hammond, LA, USA.
3. **Coleman, T. S.** 2023. Long-term assessment of Florida fisheries amid changing climatic and environmental conditions. *Dissertation*. University of Florida, Gainesville, FL, USA.
2. **Coleman, T. S.** 2022. Do you know your philosophy of science? *Reefs to Rivers: Florida Fisheries Science*. <https://flaflsstudentsubunit.wordpress.com/2022/08/19/do-you-know-your-philosophy-of-science>
1. **Coleman, T. S.** 2019. Evaluating shoreline rotenone application to control largemouth bass recruitment in small impoundments. *Master's Thesis*. Auburn University, Auburn, AL, USA.

PUBLICLY ARCHIVED DATASETS & CODE

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION

3. Murray, C. M., **T. S. Coleman**, W. Gabel^S, K. W. Krauss, A. S. From. 2024. Determining the role of the American Alligator (*Alligator mississippiensis*) in coastal wetland carbon dynamics of the east and gulf coasts of the USA (1994-2019). *U.S. Geological Survey data release*. <https://doi.org/10.5066/P1BDUJCA>
2. Parker, S. W., W. E. Pine III, J. Moore, K. Wilkinson, B. Andre, A. K. Carlson, J. Hines, **T. S. Coleman**. 2024. Range-wide adult gulf sturgeon multistate capture histories 2010-2022 for survival analysis. *Dryad*. <http://doi.org/10.5061/dryad.kkwh70scb>
1. Moreno, M. M., **T. S. Coleman**, J. Aufmuth, D. Maxwell, W. E. Pine III. 2020. Data packet structure for the Lone Cabbage Reef restoration project. *Zenodo*. <http://doi.org/10.5281/zenodo.4319175>

COURSE DEVELOPMENT & TEACHING EXPERIENCE

UNIVERSITY TEACHING POSITIONS

- | | |
|---------------|---|
| 2026 (Spring) | Introduction to R for Quantitative Ecology , Department of Biological Sciences, Southeastern Louisiana University
<i>Level:</i> Graduate (4 credits)
<i>Role:</i> Instructor |
| 2025 (Spring) | Metaphysics (Philosophy of Science) , Department of Biological Sciences, Southeastern Louisiana University
<i>Level:</i> Graduate (1 credit)
<i>Role:</i> Assistant Instructor with Dr. Brian I. Crother & Dr. Christopher M. Murray |
| 2024 (Fall) | Quantitative Ecology , Department of Biological Sciences, Southeastern Louisiana University |

Level: Graduate (4 credits)
Role: Instructor

- 2023 (Spring) **Advanced Analysis for Animal Populations**, Department of Wildlife Ecology and Conservation, University of Florida
Level: Graduate / 3rd and 4th-year undergraduate (4 credits)
Role: Assistant Instructor with Dr. Miguel A. Acevedo (unofficial)
- 2022 (Spring) **Conservation Science**, Florida Master Naturalist Program, University of Florida
Level: Students and public, 24 contact hours (optional 2 credits)
Role: Instructor
- 2021 (Fall) **Quantitative Wildlife Ecology**, Department of Wildlife Ecology and Conservation, University of Florida
Level: Graduate / 3rd and 4th-year undergraduate (4 credits)
Role: Assistant Instructor with Dr. William E. Pine III
- 2020 (Fall) **Quantitative Wildlife Ecology**, Department of Wildlife Ecology and Conservation, University of Florida
Level: Graduate / 3rd and 4th-year undergraduate (4 credits)
Role: Instructor with Dr. Jennifer Moore
- 2019 (Fall) **Introduction to Wildlife Population Ecology**, Department of Wildlife Ecology and Conservation, University of Florida
Level: 2nd, 3rd, and 4th-year undergraduate (4 credits)
Role: Teaching Assistant
- 2019 (Spring) **Fisheries Biology and Management**, School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University
Level: Graduate / 3rd and 4th-year undergraduate (4 credits)
Role: Teaching Assistant (unofficial)
- 2018 (Fall) **Advanced Analysis for Ecological Sciences**, College of Forestry, Wildlife, and Environment, Auburn University
Level: Graduate (4 credits)
Role: Teaching Assistant
- 2016 (Fall) **Biological Communication Skills**, Department of Biology, Tennessee Tech University
Level: Undergraduate (3 credits)
Role: Teaching Assistant

WORKSHOPS AND SHORT COURSES

- Nov. 2025 *"Collecting fish otoliths to determine age, growth rates, and population changes."* Southeastern Louisiana University, Department of Biological Sciences Workshop. Hammond, LA, USA. (instructor)
- Sept. 2025 *"Designing monitoring programs for Coupled Human and Natural Systems (CHANS)."* Southeastern Louisiana University, Department of Biological Sciences Workshop. Hammond, LA, USA. (instructor; invited)
- Feb. 2025 *"Citation managers (reference management software) are our friends."* Southeastern Louisiana University, Department of Biological Sciences Workshop. Hammond, LA, USA. (instructor; invited)

- Feb. 2024 *“Overview and evaluation of shoreline rotenone application in small impoundments.”* Arizona–New Mexico Chapter American Fisheries Society Conference, Piscicide Applications Short Course. (instructor; invited; remote)
- Jan. 2024 *“The importance of data management.”* Southeastern Louisiana University, Department of Biological Sciences Workshop. Hammond, LA, USA. (instructor; invited)
- Dec. 2020 *“Introduction to GitHub and the importance of data management.”* University of Florida, School of Forest, Fisheries, and Geomatics Sciences Workshop Series. (instructor; remote)
- Oct. 2020 *“Introduction to R.”* United States Fish and Wildlife Service Working Group Series. (co-instructor; invited; remote)
- Oct. 2020 *“Data analysis and visualization in R.”* United States Fish and Wildlife Service Working Group Series. (co-instructor; invited; remote)
- Sept. 2019 *“Intermediate Bayesian Inference Using Gibbs Sampling.”* National American Fisheries Society Conference, Continuing Education Course. Reno, NV, USA. (contributor)
- Sept. 2019 *“Introduction to Bayesian Inference Using Gibbs Sampling.”* National American Fisheries Society Conference, Continuing Education Course. Reno, NV, USA. (contributor)

GUEST LECTURES

- April 2024 *“Group project analyses.”* Ecotoxicology, Department of Biological Sciences, Southeastern Louisiana University. Graduate course.
- Feb. 2024 *“How to design your study.”* Ecotoxicology. Department of Biological Sciences, Southeastern Louisiana University. Graduate course.
- Oct. 2023 *“Abundance estimation through distance sampling.”* Quantitative Wildlife Ecology, Department of Wildlife Ecology and Conservation, University of Florida. Undergraduate course.
- Oct. 2023 *“Probability distributions.”* Quantitative Wildlife Ecology, Department of Wildlife Ecology and Conservation, University of Florida. Undergraduate course.
- Sept. 2023 *“Testing the performance and assumptions of the Lincoln-Peterson and Chapman mark-recapture closed models.”* Quantitative Wildlife Ecology, Department of Wildlife Ecology and Conservation, University of Florida. Undergraduate course.
- Dec. 2022 *“Experience in graduate and professional school.”* Wildlife Colloquium, Department of Wildlife Ecology and Conservation, University of Florida. Undergraduate course.
- Nov. 2022 *“Structured decision-making in natural resources.”* Administration in Natural Resources, Department of Wildlife Ecology and Conservation, University of Florida. Graduate course.
- Sept. 2022 *“Biological diversity.”* The Florida Master Naturalist Program, University of Florida.
- Sept. 2022 *“Conservation strategies.”* The Florida Master Naturalist Program, University of Florida.
- Sept. 2022 *“Ecosystem integrity.”* The Florida Master Naturalist Program, University of Florida.
- April 2021 *“Communication and email.”* The Other Things Graduate Students Need to Know, Department of Wildlife Ecology and Conservation, University of Florida. Graduate course.

MENTORSHIP

GRADUATE STUDENTS ADVISED

- Aug. 2025–present Abigail (Grayce) Cunningham (M.Sc. co-PI: Kyle R. Piller), Department of Biological Sciences, Southeastern Louisiana University.
Project: Fisheries sampling methodology comparisons along the shoreline of Lake Maurepas, Louisiana.
- Aug. 2025–present Matilda (Tilly) Newell (M.Sc. co-PI: Kyle R. Piller), Department of Biological Sciences, Southeastern Louisiana University.
Project: Comparing and integrating eDNA and trawl surveys to estimate bay anchovy (*Anchoa mitchilli*) abundance.
- Aug. 2023–Aug. 2025 Maggie McGreal (M.Sc. co-PI: Christopher M. Murray), Department of Biological Sciences, Southeastern Louisiana University.
Project: The influence of hydrology on the seasonal movement strategies of American crocodiles (*Crocodylus acutus*) in Costa Rica.
Notable achievement: WILDLABS Award of USD 10,000
(<https://wildlabs.net/discussion/wildlabs-awards-2024-innovative-sensor-technologies-sustainable-coexistence-advancing>)
- Aug. 2023–May 2025 Anthony Johnson (M.Sc. co-PI: Christopher M. Murray), Department of Biological Sciences, Southeastern Louisiana University.
Project: Landscape physiology and drivers of stress proxies in the American alligator (*Alligator mississippiensis*).
Notable achievement: Biological Sciences Joseph Ramspott Memorial Endowed Scholarship; Biological Sciences William and Alice Callaway Scholarship

DOCTORAL COMMITTEE SERVICE

- Aug. 2024–present Travis D. Bayer (Ph.D. PI: Sarah Kienle), Department of Natural Resources Science, University of Rhode Island.
Project: Tracking the effects of environmental variation on large carnivore movement and behavior using bio-logging technology.
- Jan. 2023–present Jaiera Harlow (Ph.D. PI: Ray R. Carthy), School of Natural Resources and the Environment, University of Florida.
Project: A Coupled Human and Natural Systems (CHANS) framework for analysis of manatee research and conservation efforts.

MASTERS COMMITTEE SERVICE

- Aug. 2024–present Benjamin Schuster (M.Sc. PI: Kyle R. Piller), Department of Biological Sciences, Southeastern Louisiana University.
Project: Examining swim bladder evolution in *Percina* (Percidae) using micro-computed tomography.
- Aug. 2024–present Kaitlin Languirand (M.Sc. PI: April Wright), Department of Biological Sciences, Southeastern Louisiana University.
Project: Unveiling Mosasaur evolution: detecting modularity in discrete character data.
- Aug. 2024–present Rojina Thapa (M.Sc. PI: Justin Anderson), Department of Biological Sciences, Southeastern Louisiana University.

Project: Effects of imazethapyr on replication of White Spot Syndrome Virus (WSSV) in crawfish (*Procambarus clarkii*).

- Aug. 2023–Aug. 2025 Jasmine Nasser (M.Sc. PI: Christopher Beachy), Department of Biological Sciences, Southeastern Louisiana University.
Project: Thermal preferences of the southern two-lined salamander (*Eurycea cirrigera*) across its latitudinal range.
- Aug. 2023–May 2025 Frank (Mario) Campo III (M.Sc. PI: Eva Hillmann), Department of Biological Sciences, Southeastern Louisiana University.
Project: Developing a long-term wetland monitoring framework through the integration of remote sensing techniques and ground-based data collection.
- Aug. 2023–May 2025 Lani Milstead (M.Sc. PI: Christopher M. Murray), Department of Biological Sciences, Southeastern Louisiana University.
Project: Effects of light and density on the physiological stress response of the American alligator (*Alligator mississippiensis*) in aquaculture facilities.
- Jan. 2021–May 2023 Jaren-Claude Serano (M.Sc. PI: Ray R. Carthy), Doris Duke Conservation Scholar, Florida Cooperative Fish and Wildlife Research Unit, Department of Wildlife Ecology and Conservation, University of Florida.
Project: Tidally-driven gas exchange: effects on sea turtle hatchling emergence. (unofficial due to status as a student)

UNDERGRADUATE STUDENTS

- Jan. 2021–May 2023 Mariaguadalupe Vilchez (PI: Tyler Steven Coleman), Doris Duke Conservation Scholar, School of Natural Resources and the Environment, University of Florida.
Project: Volunteer angler data program.
- Jan. 2019–Dec. 2022 James Holdgrafer (Co-PIs: David Mason, Tyler Steven Coleman, Marcus Lashley), Department of Wildlife Ecology and Conservation, University of Florida.
Project: Bird feeders as a novel tool to direct seed dispersal.
- Feb. 2020–Dec. 2020 Bristol A. Rigby (PI: Christina Romagosa), Department of Wildlife Ecology and Conservation, University of Florida.
Project: USFWS LEMIS seizure trends in the wildlife trade.
- Jan. 2017–May 2019 Collin R. Chittam (PI: Tyler Steven Coleman), School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University.
Project: Rotenone treatment in small impoundments.
- Jan. 2018–May 2019 Molly Kilpatrick (Co-PIs: Tyler Steven Coleman, Robert W. Eckelbecker), School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University.
Project: Creel survey techniques.
- Aug. 2017–May 2019 Mae Aida (PI: Matthew J. Catalano), School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University.
Project: Gulf of Mexico red snapper mark-recapture.

SUPERVISED HIGHLY QUALIFIED PERSONNEL

- May 2025–current Mario Campo, M.Sc., Research Associate, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University.
- May 2025–current Lani Milstead, M.Sc., Research Associate, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University.

Feb. 2025–current	Sunny Brogan, M.Sc., Research Associate, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University.
Nov. 2024–current	Camden Oathout, M.Sc., Research Associate, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University.
Aug. 2023–current	Wray Gabel, M.Sc., Data Management Research Associate, Center for Environmental Research, Department of Biological Sciences, Southeastern Louisiana University. <i>Project:</i> Lake Maurepas avian community biomonitoring program.
Aug. 2023–Jan. 2025	Corwyn Hall, M.Sc., Research Associate, Department of Biological Sciences, Southeastern Louisiana University. <i>Project:</i> Condition indices of Ictalurid catfishes in Lake Maurepas, LA, USA.
Aug. 2017–May 2019	Taylor Beaman, B.Sc., Research Technician, School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University.

PRESENTATIONS

CONFERENCE PRESENTATIONS

^MDENOTES MENTEE AUTHOR; ^SDENOTES STAFF UNDER MY SUPERVISION; *DENOTES PRESENTER

58. **Coleman, T. S.***, W. Gabel^S, M. Sasa Marin, D. B. Garrigos, C. M. Murray. The spatial ecology of American crocodiles (*Crocodylus acutus*) in Guanacaste, Costa Rica. *XIII Latin American Congress of Herpetology*. San Jose, Costa Rica. February 2026. ([talk](#))
57. Oathout, C. E.*^S, C. E. Gard, **T. S. Coleman**, K. R. Piller. Comparing active and passive methods of aquatic environmental DNA collection across a diel cycle in a coastal riverine habitat. *National American Fisheries Society Conference*. San Antonio, TX, USA. August 2025. ([talk](#))
56. Oathout, C. E.*^S, C. E. Gard, **T. S. Coleman**, K. R. Piller. Comparing active and passive methods of aquatic environmental DNA collection across a diel cycle in a coastal riverine habitat. *Joint Meeting of Ichthyologists and Herpetologists Annual Meeting*. St. Paul, MN, USA. July 2025. ([talk](#))
55. Mott, A. W.*^S, **T. S. Coleman**, C. Hall^S, W. Gabel^S, C. Oathout^S, K. R. Piller. Examining temporal and spatial variation of invertebrate biodiversity in Lake Maurepas, an oligohaline lake in southeastern Louisiana. *Society for Freshwater Science Annual Meeting*. San Juan, PR. May 2025. ([talk](#))
54. McGreal, M.*^M, **T. S. Coleman**, D. B. Garrigos, M. S. Marin, C. M. Murray. Hydrology drives behavioral flexibility in the seasonal movements of American crocodiles (*Crocodylus acutus*) in Costa Rica. *Palmetto Alligator Research and Management Symposium*. Aiken, SC, USA. March 2025. ([talk](#))
53. Milstead, L.*^M, **T. S. Coleman**, J. Lopez-Perez, C. M. Murray. Light and density effects on American alligator (*Alligator mississippiensis*) stress and scarring in aquacultural facilities. *Palmetto Alligator Research and Management Symposium*. Aiken, SC, USA. March 2025. ([talk](#))
52. Johnson, A.*^M, **T. S. Coleman**, C. M. Murray. Landscape physiology and drivers of stress in the American alligator (*Alligator mississippiensis*). *Palmetto Alligator Research and Management Symposium*. Aiken, SC, USA. March 2025. ([talk](#))
51. Milstead, L.*^M, **T. S. Coleman**, J. Lopez-Perez, C. M. Murray. Effects of light and density on stress and scarring in the American alligator (*Alligator mississippiensis*) in aquacultural facilities. *Society for Integrative & Comparative Biology Annual Meeting*. Atlanta, GA, USA. January 2025. ([poster](#))

50. McGreal, M.^{*M}, **T. S. Coleman**, W. Gabel^S, M. Easter, M. S. Marin, D. B. Garrigos, C. M. Murray. Dynamic movement models reveal seasonal strategies of American crocodiles (*Crocodylus acutus*) in Guanacaste, Costa Rica. *Society for Integrative & Comparative Biology Annual Meeting*. Atlanta, GA, USA. January 2025. ([talk](#))
49. **Coleman, T. S.**^{*}, Murray, C. M., W. Gabel^S, K. W. Krauss. Assessing American alligators (*Alligator mississippiensis*) as wetland carbon sequestration regulators. *Wetland Assimilation Summit: Science, Management, & Policy*. Baton Rouge, LA, USA. October 2024. ([talk](#))
48. DeLoache, A., S. Sexton, B. Maldonado, N. Dede, G. Gros, D. Henn, S. Pladas, A. Blandillo, A. Sherman, J. Lopez-Perez, S. Johnson, T. Herod, **T. S. Coleman**, C. M. Murray^{*}. Effects of paper mill effluent on the reproductive axis of the bullhead minnow (*Pimephales vigilax*) in the Pearl River. *Wetland Assimilation Summit: Science, Management, & Policy*. Baton Rouge, LA, USA. October 2024. ([talk](#))
47. **Coleman, T. S.**^{*}, R. W. Eckelbecker, H. J. Hershey, S. W. Parker. Assessing freshwater length limit management strategies: a meta-analysis to bridge knowledge gaps. *National American Fisheries Society Conference*. Honolulu, HI, USA. September 2024. ([talk](#))
46. **Coleman, T. S.**^{*}, K. I. Bonvechio, A. W. Mott, C. Hall^S, W. Gabel^S, A. Johnson^S, K. R. Piller. Creating a Lake Maurepas long-term monitoring program through integrative experiences. *National American Fisheries Society Conference*. Honolulu, HI, USA. September 2024. ([poster](#))
45. Johnson, A.^{*M}, **T. S. Coleman**, J. Nasser^M, M. McGreal^M, C. M. Murray. Impacts of perfluoropentanoic acid and cadmium on leukocyte profiles in largemouth bass. *National American Fisheries Society Conference*. Honolulu, HI, USA. September 2024. ([poster](#))
44. Hall, C.^{*S}, **T. S. Coleman**, W. Gabel^S, A. W. Mott, K. R. Piller. Condition indices of Ictalurid catfishes in Lake Maurepas, Louisiana. *National American Fisheries Society Conference*. Honolulu, HI, USA. September 2024. ([talk](#))
43. Murray, C. M.^{*}, **T. S. Coleman**, W. Gabel^S, K. W. Krauss. Apex predator contributions to blue carbon dynamics: evidence for American alligators (*Alligator mississippiensis*) as wetland ecosystem carbon sequestration regulators. *IUCN SSC Crocodile Specialist Group Meeting*. Darwin, Australia. June 2024. ([talk](#))
42. Mott, A. W.^{*}, **T. S. Coleman**, C. Hall^S, W. Gabel^S, K. R. Piller. Examining variation of invertebrate biodiversity in Lake Maurepas, Louisiana. *Louisiana Chapter American Fisheries Society Conference*. Thibodaux, LA, USA. May 2024. ([talk](#))
41. Hall, C.^{*S}, **T. S. Coleman**, W. Gabel^S, A. W. Mott, K. R. Piller. Condition indices of Ictalurid catfishes in Lake Maurepas, Louisiana. *Louisiana Chapter American Fisheries Society Conference*. Thibodaux, LA, USA. May 2024. ([poster](#))
40. McGreal, M.^M, **T. S. Coleman**, W. Gabel^S, M. Easter, M. S. Marin^{*}, D. B. Garrigos, C. M. Murray. The spatial ecology of nuisance crocodiles: movement patterns of relocated American crocodiles (*Crocodylus acutus*) in Guanacaste, Costa Rica. *Herpetology Conference*. San José, Costa Rica. April 2024. ([poster](#))
39. McGreal, M.^{*M}, **T. S. Coleman**, C. Banks, C. M. Murray, Y. Shin. Innovative tracking devices for assessing crocodile behavior in Costa Rica. *Louisiana Academy of Sciences Annual Meeting*. Hammond, LA, USA. March 2024. ([talk](#))
38. Mott, A. W.^{*}, **T. S. Coleman**, C. Hall^S, W. Gabel^S, K. R. Piller. Examining temporal and spatial variation of invertebrate biodiversity in Lake Maurepas, an oligohaline lake in southeastern Louisiana. *Association for the Sciences of Limnology and Oceanography Conference*. Madison, WI, USA. February 2024. ([talk](#))
37. McGreal, M.^{*M}, **T. S. Coleman**, W. Gabel^S, M. Easter, M. S. Marin, D. B. Garrigos, C. M. Murray. 2024. The spatial ecology of nuisance crocodiles: movement patterns of relocated American crocodiles (*Crocodylus acutus*) in Guanacaste, Costa Rica. *Graduate Student Symposium*. Hammond, LA, USA. February 2024. ([poster](#))

36. Catalano, M. J.*, **T. S. Coleman**. Performance evaluation of two largemouth bass population control methods for small impoundments. *Southern Division American Fisheries Society Conference*. Chattanooga, TN, USA. January 2024. ([talk](#))
35. Serrano, J. C.*^M, **T. S. Coleman**, N. Bishop, T. Osborne, R. R. Carthy. Measuring tidally-driven gas exchange on sea turtle nesting beaches. *LI-COR Connect Global Conference*. Atlanta, GA, USA. November 2023. ([poster](#))
34. **Coleman, T. S.***, M. Vilchez^M, B. C. Thompson, S. Lindelien, A. K. Carlson. Assessing a newly inundated fishery using a volunteer angler data program. *Florida Chapter American Fisheries Society Conference*. St. Augustine Beach, FL, USA. May 2023. ([talk](#))
33. Casteel, J.*^M, J. F. Moore, W. E. Pine III, **T. S. Coleman**. Estimation of shell volume removed from two major oyster fisheries in Florida. *Florida Chapter American Fisheries Society Conference*. St. Augustine Beach, FL, USA, May 2023. ([talk](#))
32. Noguera, M. S.*, **T. S. Coleman**, P. Reynolds, R. E. Knudsen, B. Lattinville, A. Slater, A. Woods, N. Gravenstein. “Eek!ology” of the beard: initial findings from a prospective feasibility study investigating potential variables of microbial influence on the beard microbiome. *University of Florida Clinical and Translational Science Institute Learning Health System Initiative Research Day*. Gainesville, FL, USA. April 2023. ([poster](#))
31. **Coleman, T. S.***, M. Vilchez^M, B. C. Thompson, A. R. Hyle, T. J. Knight, T. R. Lange, A. Bernhardt, A. K. Carlson. Fisheries monitoring as a catalyst for cooperative research. *Florida Cooperative Fish and Wildlife Research Unit Annual Coordinating Committee Meeting*. Gainesville, FL, USA. March 2023. ([talk](#))
30. **Coleman, T. S.***, R. W. Eckelbecker, M. Vilchez^M, A. K. Carlson. Using long-term monitoring data to evaluate black crappie growth in Florida’s changing climate. *Florida Chapter of The Wildlife Society Conference*. Jacksonville, FL, USA. March 2023. ([talk](#))
29. Serrano, J. C.*^M, **T. S. Coleman**, R. R. Carthy. Tidally-driven gas exchange: effects on loggerhead sea turtle hatchling emergence. *Florida Cooperative Fish and Wildlife Research Unit Annual Coordinating Committee Meeting*. Gainesville, FL, USA. March 2023. ([talk](#))
28. Vilchez, M.*^M, **T. S. Coleman**, B. C. Thompson, A. K. Carlson. Social responses to habitat manipulation in a new water management area. *Florida Chapter of The Wildlife Society Conference*. Jacksonville, FL, USA. March 2023. ([poster](#))
27. **Coleman, T. S.***, R. W. Eckelbecker, M. Vilchez^M, A. K. Carlson. Long-term evaluation of black crappie growth in Florida’s changing climate. *Southern Division American Fisheries Society Conference*. Norfolk, VA, USA. January 2023. ([talk](#))
26. Vilchez, M.*^M, **T. S. Coleman**, B. C. Thompson, A. K. Carlson. Volunteer angler data reveal social-ecological responses to habitat manipulation in a new water management area. *Southern Division American Fisheries Society Conference*. Norfolk, VA, USA. January 2023. ([talk](#))
25. **Coleman, T. S.***, B. C. Thompson, T. J. Knight, A. R. Hyle, T. R. Lange, B. Fontaine, A. Bernhardt, M. Vilchez^M, A. K. Carlson. Volunteer angler data reveal social-ecological effects of reservoir creation in Florida. *National American Fisheries Society Conference*. Spokane, WA, USA. September 2022. ([talk](#))
24. **Coleman, T. S.***, R. W. Eckelbecker, A. K. Carlson. Long-term evaluation of black crappie growth in a changing climate. *National American Fisheries Society Conference*. Spokane, WA, USA. September 2022. ([talk](#))
23. Vilchez, M.*^M, **T. S. Coleman**, B. C. Thompson, A. K. Carlson. Social responses to habitat manipulation in a new water management area. *National American Fisheries Society Conference*. Spokane, WA, USA. September 2022. ([poster](#))
22. Casteel, J.*^M, J. F. Moore, **T. S. Coleman**, B. Ennis, E. V. Camp, W. E. Pine III. Patterns in oyster shell biomass in Suwannee Sound, Florida. *National American Fisheries Society Conference*. Spokane, WA, USA. September 2022. ([talk](#))

21. **Coleman, T. S.***, R. W. Eckelbecker, A. K. Carlson. Long-term evaluation of largemouth bass and black crappie growth in a changing climate. *Florida Cooperative Fish and Wildlife Research Unit Annual Coordinating Committee Meeting*. Gainesville, FL, USA. March 2022. ([talk](#))
20. **Coleman, T. S.***, A. K. Carlson. Fisheries monitoring as a catalyst for cooperative research. *Florida Chapter American Fisheries Society Conference*. Haines City, FL, USA. May 2022. ([talk](#))
19. **Coleman, T. S.***, A. K. Carlson, R. W. Eckelbecker, K. I. Bonvechio. Using long-term monitoring data to evaluate largemouth bass and black crappie growth in a changing climate. *Southern Division American Fisheries Society Conference*. Charleston, SC, USA. January 2022. ([talk](#))
18. **Coleman, T. S.***, W. E. Pine III. Lessons learned from the restoration and monitoring of Lone Cabbage Reef. *Horseshoe Cove and Suwannee Sound Virtual Workshop*. March 2021 ([talk](#))
17. Rigby, B. A.*^M, M. M. Rogers, **T. S. Coleman**. Seizure trends in the wildlife trade. *Wildlife Ecology and Conservation Department Suds & Science*. Gainesville, FL, USA. May 2020. ([poster](#))
16. Pine, W. E. III.*^M, **T. S. Coleman**, P. Frederick, S. Beck, L. N. Sturmer, J. Moore, M. Moreno. Oyster restoration in the Big Bend Region of Florida. *Oyster Integrated Mapping and Monitoring Program Conference*. St. Pete, FL, USA. December 2019. ([talk](#))
15. **Coleman, T. S.***, M. J. Catalano, R. A. Wright, D. R. DeVries, R. W. Eckelbecker, B. A. Staton, G. Lovell, C. Chittam^M. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *National American Fisheries Society Conference*. Reno, NV, USA. September 2019. ([talk](#))
14. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Alabama Chapter American Fisheries Society Conference*. Spanish Fort, AL, USA. February 2019. ([talk](#))
13. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Update on a shoreline rotenone application. *Alabama Department of Conservation and Natural Resources Annual Review Meeting*. Auburn, AL, USA. January 2019. ([talk](#))
12. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Southern Division American Fisheries Society Conference*. Galveston Island, TX, USA. January 2019. ([talk](#))
11. Chittam, C. R.*^M, **T. S. Coleman**, R. Eckelbecker, M. J. Catalano, G. Lovell, R. Wright, D. DeVries. Targeted rotenone treatment effects on largemouth bass (*Micropterus salmoides*) recruitment and juvenile growth in small impoundments. *Southern Division American Fisheries Society Conference*. Galveston Island, TX, USA. January 2019. ([poster](#))
10. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Alabama Department of Conservation and Natural Resources Annual Review Meeting*. Auburn, AL, USA. January 2019. ([talk](#))
9. **Coleman, T. S.***, R. Eckelbecker, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *College of Agriculture Graduate Student Poster Showcase*. Auburn, AL, USA. December 2018. ([poster](#))
8. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Southeast Association of Fish and Wildlife Agencies Conference*. Mobile, AL, USA. October 2018. ([talk](#))
7. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small

- impoundments. *National American Fisheries Society Conference*. Atlantic City, NJ, USA. August 2018. ([talk](#))
6. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Alabama Chapter American Fisheries Society Conference*. Fort Payne, AL, USA. February 2018. ([talk](#))
5. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Alabama Fisheries Association Conference*. Auburn, AL, USA. February 2018. ([talk](#))
4. **Coleman, T. S.***, M. J. Catalano, G. Lovell, R. A. Wright, D. R. DeVries. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments. *Alabama Department of Conservation and Natural Resources Annual Review Meeting*. Auburn, AL, USA. January 2018. ([talk](#))
3. **Coleman, T. S.***, M. J. Catalano. Shoreline rotenone application to control largemouth bass (*Micropterus salmoides*) recruitment in small impoundments of Alabama. *Southeast Association of Fish and Wildlife Agencies Conference*. Louisville, KY, USA. October 2017. ([talk](#))
2. **Coleman, T. S.***, M. J. Catalano. Shoreline rotenone application year one analysis. *Alabama Public Fishing Lakes Program Review Meeting*. Auburn, AL, USA. November 2017. ([talk](#))
1. **Coleman, T. S.***, T. Bates, K. Gibbs. Analyzing diet effect on juvenile fish growth. *Biological Skills Symposium*. Cookeville, TN, USA. May 2015. ([poster](#))

INVITED SEMINARS

7. “Long-term monitoring of Lake Maurepas.” Air Products Foundation Meeting, *Southeastern Louisiana University*, Hammond, LA, USA. November 2023.
6. “Long-term assessment of Florida fisheries amid changing climatic and environmental conditions.” Department of Wildlife, Ecology, and Conservation, *University of Florida*, Gainesville, FL, USA. November 2023.
“Mentorship and research in academia.” Mentor–Mentee Mixer. *University of Florida Wildlife Graduate Student Association and Natural Resources Diversity Initiative*. Gainesville, FL, USA. January 2022.
5. “Fisheries management.” Beast Feast Seminar Series, *The Wildlife Society*, Gainesville, FL, USA. February 2022.
4. “Estuarine habitat restoration.” College of Marine Sciences, *University of Florida*, Virtual. February 2021.
3. “What they didn’t tell you about grad school.” Biology Department, *Eckerd College*, St. Pete, FL, USA. December 2021.
2. “Shoreline rotenone application to control largemouth bass *Micropterus salmoides* recruitment in small impoundments.” School of Fisheries, Aquaculture, and Aquatic Sciences, *Auburn University*, Auburn, AL, USA. April 2019.
1. “Life as a graduate student in wildlife and fisheries sciences.” Department of Biology, *Tennessee Tech University*, Cookeville, TN, USA. December 2018.

PROFESSIONAL SERVICE

INVITED REVIEWER FOR JOURNALS (NO. OF REVIEWS)

Frontiers (1); Biology Letters (3); Ecography (1); Journal of Fish and Wildlife Management (2); North American Journal of Fisheries Management (2); New Mexico Journal of Science (2)

INVITED REVIEWER FOR GIFT AID (NO. OF REVIEWS)

2024 Florida Sea Grant Graduate Student Coastal Ocean Fellowship Competition (5)
Technical Review Panelist, 2024 Florida Sea Grant Graduate Student Coastal Ocean Fellowship (31)

CONFERENCE PLANNING AND LEADERSHIP

July 2026 Sponsorship committee. *Joint Meeting of Ichthyologists and Herpetologists Annual Meeting*. New Orleans, LA, USA.
July 2025 Student poster judge. *Joint Meeting of Ichthyologists and Herpetologists Annual Meeting*. St. Paul, MN, USA.
Jan. 2023 Seminar room technical assistant. *Southern Division American Fisheries Society Conference*. Norfolk, VA, USA.

ACADEMIC SERVICE

2018 Secretary, American Fisheries Society Subunit, Auburn University
2017 Secretary, American Fisheries Society Subunit, Auburn University
2016 President, American Fisheries Society Subunit, Tennessee Tech University
2016 Vice-President, The Wildlife Society Chapter, Tennessee Tech University
2015 Secretary, American Fisheries Society Subunit, Tennessee Tech University
2015 Vice President, The Wildlife Society Chapter, Tennessee Tech University
2014 Historian, American Fisheries Society Subunit, Tennessee Tech University
2014 Treasurer, The Wildlife Society Chapter, Tennessee Tech University

AFFILIATIONS & MEMBERSHIPS

American Fisheries Society (2013–present): *Louisiana Chapter* (2023–present), *Education Section* (2021–present), *Water Quality Section* (2021–present), *Estuaries Section* (2019–present), *Florida Chapter* (2017–present), *Fisheries Management Section* (2017–present), *Southern Division* (2013–present), *Alabama Chapter* (2017–2020), *Tennessee Chapter* (2017–2018)
Costa Pro Conservation Member (2024–present)
Coastal Conservation Association (2021–present)
YETI Pro Conservation Member (2018–present)
American Society for Ichthyologists and Herpetologists (2017–present)
American Association for the Advancement of Science (2017–present)
Wildlife Conservation Society (2017–present)
Ducks Unlimited (2015–present)
Trout Unlimited (2013–present)
National Wildlife Society (2013–present)
National Wild Turkey Federation (2012–present)
National Association for Interpretation (2016–2020)

OUTREACH & SYNERGISTIC ACTIVITIES

NOTABLE PUBLIC DISCUSSION

11. Spoke about LA Creel; Louisiana Department of Wildlife and Fisheries public meeting. Baton Rouge, LA, USA. May 2024.
10. Presentation on Fellsmere Water Management Area Volunteer Anger Diary Program conclusion; public dinner hosted by me at a local restaurant. Fellsmere, FL, USA. June 2023.

9. Presentation on Fellsmere Water Management Area Volunteer Anger Diary Program; public meeting hosted by the Florida Fish and Wildlife Conservation Commission. Fellsmere, FL, USA. February 2023.
8. Fireside chat on water pollution; public estuary clean-up hosted by Tampa Bay Estuary Program. Tampa Bay, FL, USA. February 2023.
7. Engagement presentation regarding the Fellsmere Water Management Area Volunteer Anger Diary Program; hosted by the Florida Fish and Wildlife Conservation Commission. Fellsmere, FL, USA. October 2022.
6. Addressed stakeholders; Florida Wildlife Federation Okeechobee System Operating Manual stakeholder meeting. Kissimmee, FL, USA. May 2022.
5. Introductory presentation on Fellsmere Water Management Area Volunteer Anger Diary Program; public meeting hosted by me for anglers, charters, fishing supply shop owners, and Florida Fish and Wildlife Conservation Commission researchers. Fellsmere, FL, USA. September 2021.
4. "Skype a Scientist" program; teaching children in classrooms throughout the USA. Virtual. Intermittent 2017–2020.
3. Fireside chat on fisheries management; Auburn University's Annual Ag Roundup Day. Auburn, AL, USA. September 2017 & September 2018.
2. Presentation on Fisheries Research; Auburn University Career Day. Auburn, AL, USA. December 2017.
1. Instructional presentation on boat electrofishing; boy scout camp hosted by Florida Fish and Wildlife Conservation Commission. Kenansville, FL, USA. July 2017.

NOTABLE PUBLIC ENGAGEMENT

- | | |
|-----------|--|
| 2025 | WILDLABS Crocodile Tracking Research Project Summary. YouTube Video assistant.
https://youtu.be/eoM9xVJwM2M |
| 2025 | Bayou Life: Connecting Culture, Industry, and Environment in Louisiana. The Friends of Capitol Park Museum volunteer. Baton Rouge, LA, USA. |
| 2025 | Louisiana Region VIII Science Fair judge. Hammond, LA, USA. |
| 2025 | Family Day Volunteer, Southeastern Louisiana University. Hammond, LA, USA. |
| 2024 | Crocodile Tracking Research Project Preview. YouTube Video assistant.
https://www.youtube.com/watch?v=GJYMurQA-zE |
| 2024 | American Saltwater Guides Association Fisheries Science Symposium discussion member. New Orleans, LA, USA. |
| 2024 | Public Library Adventure Club: "The Diversity of Life" event instructor. Ponchatoula, LA, USA. |
| 2024 | Annual Big Bass Rodeo and Fishtival volunteer. New Orleans, LA, USA. |
| 2024 | Louisiana Region VIII Science Fair judge. Hammond, LA, USA. |
| 2020–2023 | Santa Fe River Turtle Project sampling volunteer with scientists, students, and citizens. North FL, USA. |
| 2017–2019 | Roadside clean-up organizer and assistant with Auburn University American Fisheries Society Chapter. Auburn, AL, USA. |
| 2017 | David Partridge public fishing tournament assistant organizer for Auburn University. Auburn, AL, USA. |
| 2017 | Auburn University special needs fishing event volunteer. Auburn, AL, USA. |
| 2016 | Children's Wildlife Day assistant at Tennessee Tech University. Cookeville, TN, USA. |
| 2016 | Public rock climb/repel course assistant for Tennessee State Parks. Cookeville, TN, USA. |
| 2016 | Newspaper column writer for The Herald-Citizen, Cookeville, TN, USA. |
| 2016 | The Tennessee Conservationist (Tennessee State Parks Magazine) writer. TN, USA. |

2016	Children's Museum program and activity organizer and leader for Tennessee State Parks. Cookeville, TN, USA.
2016	Controlled burn assistant for Tennessee State Parks. TN, USA.
2016	Infographic creation for Caney Fork Outdoors. TN, USA.
2015–2016	State Park program and activity organizer and leader for Tennessee State Parks. TN, USA.
2015–2016	Annual public fishing derby assistant organizer for Tennessee Tech University American Fisheries Society student chapter. Cookeville, TN, USA.
2012–2016	Athlete tutor at Tennessee Tech University, Cookeville, TN, USA, and Cumberland University, Lebanon, TN, USA.
2011–2014	Food drive assistant throughout Tennessee. TN, USA.

SELECT PROFESSIONAL DEVELOPMENT & TRAINING (CERTIFICATIONS, SHORT COURSES, & OTHER)

2025	<i>"Empowering AI Literacy."</i> Southeastern Louisiana University. Faculty Course. Hammond, LA, USA. (remote)
2025	<i>"Probability, Odds, and Odds Ratios."</i> The Analysis Factor. (remote)
2024	<i>"Orientation for New Leadership Roles in AFS."</i> National American Fisheries Society Conference. Continuing Education Course. Honolulu, HI, USA.
2024	<i>"Interpreting Regression Coefficients: A Walk-Through Output."</i> The Analysis Factor. (remote)
2024	<i>"Four Critical Steps in Linear Models."</i> The Analysis Factor. (remote)
2024	University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
2024	<i>"Heartsaver First Aid CPR AED."</i> American Heart Association, Hammond, LA, USA.
2023	<i>"Data Visualization Using ggplot2."</i> Southern Division American Fisheries Society Conference. Continuing Education Course. Norfolk, VA, USA.
2023	<i>"Creating Maps with R."</i> LinkedIn Learning. (remote)
2023	<i>"Advanced Open Water Diver."</i> NAUI Worldwide (#C1AC778).
2023	<i>"Nitrox Diver."</i> NAUI Worldwide (#EC899AD).
2022	<i>"What is GLMM, and When Should I Use It?"</i> The Analysis Factor. (remote)
2022	<i>"Intermediate Bayesian Inference Using Gibbs Sampling."</i> National American Fisheries Society Conference. Continuing Education Course. Spokane, WA, USA.
2022	<i>"Web Scraping with Python."</i> University of Florida Data Science and Informatics Workshop Series. Gainesville, FL, USA.
2022	<i>"Introduction to Machine Learning."</i> University of Florida Data Science and Informatics Workshop Series. Gainesville, FL, USA.
2022	<i>"Sports Analytics with Python."</i> University of Florida Data Science and Informatics Workshop Series. Gainesville, FL, USA.
2022	<i>"Big Data and Changing Ecosystems – National Ecological Observatory Network."</i> University of Florida Data Science and Informatics Workshop Series. Gainesville, FL, USA.
2022	<i>"The Positive Impact of Mentoring on Wellbeing."</i> International Mentoring Association and University of Florida Graduate School. Gainesville, FL, USA.
2022	<i>"Promoting Emotional Well-Being."</i> University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)

- 2022 *"Dismantling Systemic Burdens on Students' Mental Health: Nobody's Perfect."* University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
- 2022 *"Advising and Student Success."* University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
- 2022 *"Advisors and Mentors as Ambassadors of Belonging: A Masterclass on How to get the Belonging Message Right."* University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
- 2022 *"Advising and Mentoring PhD Students for Careers Beyond Academia."* University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
- 2022 *"'You Speak Good English!' The Hidden Messages of Microaggressions."* University of Pittsburgh Mentoring and Advising Summit. University of Pittsburgh. Pittsburgh, PA, USA. (remote)
- 2022 *"Mentoring Undergraduate Researchers Course."* University of Florida Center for Undergraduate Research. Gainesville, FL, USA.
- 2022 *"The Positive Impact of Mentoring on Wellbeing—Focus on Mentoring Series."* International Mentoring Association and University of Florida Office of the Provost. Gainesville, FL, USA.
- 2022 *"How to Get Published Workshop."* Southern Division American Fisheries Society Conference. Continuing Education Course. Charleston, SC, USA.
- 2021 *"Bayesian Workshop."* University of Florida School of Forest, Fisheries, and Geomatics Sciences Workshop Series. Gainesville, FL, USA.
- 2021 *"An Overview of 18 Types of Regression Models and When to Use Them."* The Analysis Factor. (remote)
- 2020 *"Plotting Anything with ggplot2."* Thomas Lin Pederson, Software Engineer at RStudio. (remote)
- 2020 *"Mapping in R."* University of Florida School of Forest, Fisheries, and Geomatics Sciences Workshop Series. Gainesville, FL, USA.
- 2020 *"Specifying Fixed and Random Factors in Mixed Models."* The Analysis Factor. (remote)
- 2020 *"Introduction to Spatial Capture-Recapture."* Hosted by Andy Royle, Chris Sutherland, Dan Linden, Gates Dupont. (remote)
- 2020 *"Ecological Sampling and Study Design."* Webinar Series on Statistical Topics in Ecology. Hosted by WEST Incorporated. (remote)
- 2020 *"Get Good at Statistics... Without Becoming a Statistician."* The Analysis Factor. (remote)
- 2020 *"Wilderness First Aid/CPR."* Florida Outdoor Learning Collective. Gainesville, FL, USA.
- 2019 *"For Loops in R."* University of Florida School of Forest, Fisheries, and Geomatics Sciences Workshop Series. Gainesville, FL, USA.
- 2019 *"Four Critical Steps in Building Linear Regression Models."* The Analysis Factor. (remote)
- 2018 *"Intermediate Bayesian Inference Using Gibbs Sampling."* National American Fisheries Society Conference. Continuing Education Course. Atlantic City, NJ, USA.
- 2018 *"Introduction to Bayesian Inference Using Gibbs Sampling."* National American Fisheries Society Conference. Continuing Education Course. Atlantic City, NJ, USA.
- 2017 *"Age & Growth Analysis with R. National American Fisheries Society Conference."* Continuing Education Course. Tampa, FL, USA.
- 2017 *"Introductory to R Workshop Series."* Auburn University Short Course. Auburn, AL, USA.
- 2016 *"Interpretive Specialist."* National Association for Interpretation Certification.
-