

Bradley Michael Richardson

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PROFESSIONAL EXPERIENCE

Research Fish Biologist <i>USDA-ARS, Warmwater Aquaculture Research Unit</i>	2021 - Present
Intermittent Worker (Researcher) <i>Mississippi State University</i>	2020 - 2021
Graduate Teaching Assistant <i>Mississippi State University</i>	2016 - 2020
Critical Species (Fisheries) Technician II <i>Kentucky Department of Fish and Wildlife Resources</i>	2015
Graduate Teaching Assistant <i>Murray State University</i>	2013 - 2015
Project Manager <i>Droptine Management</i>	2007 - 2011

EDUCATION

Doctor of Philosophy, Mississippi State University <i>Major – Forest Resources (Wildlife, Fisheries, & Aquaculture)</i> <i>Minor – Secondary Education</i> <i>Advisors – Michael E. Colvin and David J. Wise</i> <i>Dissertation – Improved monitoring and decision-making to manage atypical <i>Aeromonas hydrophila</i> (aAh) in catfish aquaculture ponds</i>	2016 - 2020
Master of Science, Murray State University <i>Major – Biology</i> <i>Advisor – Michael B. Flinn</i> <i>Thesis - A dietary comparison of the reintroduced alligator gar <i>Atractosteus spatula</i> and three sympatric gar relatives (family: <i>Lepisosteidae</i>) in the Clarks River, Kentucky</i>	2013 - 2015
Bachelor of Science, Murray State University <i>Major – Aquatic Biology/Fisheries</i> <i>Minor – Chemistry</i>	2010 - 2013

TEACHING AND MENTORSHIP

Graduate Committees

Jonah Nguyen, PhD, College of Veterinary Medicine, Mississippi State University. 2022 – Present

Celene M. Slifka, MSc, College of Veterinary Medicine, Mississippi State University. 2021 – 2024

Graduate Teaching

WFA 4313 – Fisheries Management. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. 3 credit hours. (2019)

WFA 4133 – Fisheries Science. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. 3 credit hours. (2018)

WFA 3133 – Applied Aquatic and Terrestrial Ecology. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. 3 credit hours. (2017, 2018)

WFA 4173/6173 – Fish Physiology. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. 3 credit hours (2016)

BIO 101 – Introduction to Biology (Lab Instructor). Department of Biology, Murray State University. 4 credit hours (2014)

BIO 221 – Zoology. Department of Biology, Murray State University. 4 credit hours. (2013, 2014, 2015)

Courses and Workshops

R: Syntax and Applications. USDA-ARS Workshop. Full day (8 hrs.) course (17 attendees) Winter 2025

R: Syntax and Applications – Summer DIS (NWAC). Department of Pathology and Population Medicine, College of Vet. Med., Mississippi State University. 8 2-hr classes (8 attendees) Summer 2024

R: Syntax and Applications. Aquaculture America 2024 Workshop. Full day (8 hrs) course (31 attendees) Winter 2024

R: Advanced Data Analysis and Visualization – Summer DIS (NWAC). Department of Pathology and Population Medicine, College of Vet. Med., Mississippi State University. 8 2-hr classes (6 attendees) Summer 2023

R: Syntax and Applications – Summer DIS (NWAC). Department of Pathology and Population Medicine, College of Vet. Med., Mississippi State University. 8 2-hr classes (7 attendees) Summer 2022

Guest Lectures

Sampling and Identification of Aquatic Macroinvertebrates. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. (7 attendees) Fall 2024

Sampling and Identification of Aquatic Macroinvertebrates. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University. (6 attendees) Fall 2023

<i>Macroinvertebrate Function in Stream Health</i> – Stream Recon. Department of Civil and Environmental Engineering, Mississippi State University.	Fall 2019
<i>Length-Weight Relationships</i> – Fisheries Science. Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University.	Spring 2019
<i>Hatchery Creek: Beyond Stream Restoration</i> – Hydro-environmental Analysis. Department of Civil and Environmental Engineering, Mississippi State University.	Fall 2018
<i>Biological Indices: How, What, and Why Macroinvertebrates are Good Stream Indicators</i> – Hydro-environmental Analysis. Department of Civil and Environmental Engineering, Mississippi State University.	Fall 2018

Mentorships (1 – graduate, 2 – undergraduate, 3 – high school)

Shanika Musser ²	Mississippi State University	2018-2019
Taylor Noble ²	Mississippi State University	2018
Donavan McCranie ³	Columbus High School	2018
Jeremiah Ramsey ³	Columbus High School	2018
Miracle Watson ³	Columbus High School	2018
Claire Ray ²	Mississippi State University	2017
Jennifer Deignan ²	Mississippi State University	2017
Tori Savors ³	Columbus High School	2017-2018
Hunter Brooks ³	Columbus High School	2017-2018
David Alavarez ³	Columbus High School	2017
Wynter Brooks ³	Columbus High School	2017
Amiyah Porter ³	Columbus High School	2017
Nathan Tillotson ²	Murray State University	2014-2015

Other Teaching Experience

Long-term Substitute Teacher	Century Jr./Sr. High School, Ullin, IL 62992	2016
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PEER-REVIEWED PUBLICATIONS

(35 total, 7 first author)

View articles on Google Scholar: <https://shorturl.at/L738e>

Richardson BM, Mischke CC, Older CE, Wood M, Ware C, Tiwari A, Koshy MC, Lowe JW, Waldbieser GC, Griffin MG, and Wise DJ. *In Press*. Multiple, low-dose copper sulfate (CuSO₄·5H₂O) treatment effects on water quality and bacterial, phytoplankton, and zooplankton communities in catfish aquaculture ponds. North American Journal of Aquaculture.

- Ott BD, Chisolm DO, **Richardson BM**, Yamamoto FY, Goodman P, Reifers JG, and Bosworth BG. 2026. Impact of dietary protein, dissolved oxygen concentration, stocking density, and body mass on channel catfish (*Ictalurus punctatus*) production performance. *Journal of the World Aquaculture Society* 57(3): e70111. <https://doi.org/10.1111/jwas.70111>
- Sowlat M, Khoo LH, **Richardson BM**, Lewis MA, Steadman JM, Ware CC, Rose D, Wise DJ, and Griffin MJ. 2026. Trends in antibiotic use and susceptibility of *Edwardsiella ictaluri*: an 18-year retrospective from the "delta" region of western Mississippi. *North American Journal of Aquaculture* 88(4): 1-14. <https://doi.org/10.1093/naaqua/vrag013>
- Mischke CC, **Richardson BM**, Wood M, and Tiwari A. 2026. Effects of temperature on the Marsh Ram's Horn (*Planorbella trivolvis*) and Ghost Ram's Horn snail (*Biomphalaria havanensis*). *North American Journal of Aquaculture* 88(3): 264-277. <https://doi.org/10.1093/naaqua/vrag005>
- Mischke CC, and **Richardson BM**. 2026. Channel catfish and hybrid catfish fry have different zooplankton feeding habits. *North American Journal of Aquaculture* 88(3): 294-305. <https://doi.org/10.1093/naaqua/vrag008>
- Straus DL, Ledbetter CK, Mischke CC, **Richardson BM**, and Kelly AM. 2026. The role of alkalinity on copper toxicity of fish and snails in reconstituted water. *North American Journal of Aquaculture* 88(2): 180-191. <https://doi.org/10.1093/naaqua/vraf030>
- Armwood AR, Rose D, Waldbieser GC, Woodyard ET, **Richardson BM**, Soto E, Stine CB, Ware CC, Barato P, Camus AC, and Griffin MJ. 2026. Intraspecific variation of *Edwardsiella anguillarum* from non-anguillid fish from varied geographic origins. *Journal of Fish Diseases* 49(7): e70136. <https://doi.org/10.1111/jfd.70136>
- Nguyen JA, Tolley-Jordan L, Slayton AP, **Richardson BM**, and Rosser TG. 2026. First report of a trematode infection in an invasive population of *Pomacea maculata*: Evidence of a phanerozooid (Trematoda: Microphalloidea) and recommended methods for surveillance. *Parasitology International* 112: 1-13. <https://doi.org/10.1016/j.parint.2025.103203>
- Mischke CC, **Richardson BM**, Yamamoto FY, Goodman PM, Tiwari A, and Wood M. 2026. Harvesting zooplankton with submersible pumps increases Chlorophyta density and reduces Cyanophyta and zooplankton population variability. *North American Journal of Aquaculture* 88(1): 49-63. Featured article. <https://doi.org/10.1093/naaqua/vraf028>
- Wise A, Beck BH, **Richardson BM**, Bader TJ, Peatman E, Liles MR, Barger PC, and Shoemaker CA. 2026. Efficacy of orally-delivered virulent *Aeromonas hydrophila* bacterin vaccines in channel catfish (*Ictalurus punctatus*). *Aquaculture* 611: 743066. <https://doi.org/10.1016/j.aquaculture.2025.743066>

- Richardson BM**, Mischke CC, Rosser TG, Balami S, Slifka CM, Rose D, Tiwari A, Wood M, Waldbieser GC, Wise DJ, and Griffin MJ. 2025. Trematode parasitism increases mortality in marsh ramshorn snail *Planorbella trivolvis* exposed to repeated low-dose copper sulfate treatments in laboratory trials. North American Journal of Aquaculture 87(4): 293-302. Featured article. <https://doi.org/10.1093/naaqua/vraf023>
- Lowe JW, Wise KC, **Richardson BM**, Chesser GD, Griffin MJ, Beck B, Waldbieser GC, Mischke CC, and Wise DJ. 2025. Development of an automated application system to apply copper sulfate pentahydrate to commercial catfish ponds using precision dry fertilizer application technology. Applied Engineering in Agriculture 41(5): 489-496. <https://doi.org/10.13031/aea.16250>
- Rosser TG, Meaux A, Woodyard ET, Stilwell JM, **Richardson BM**, Robison LRS, Hudnall JB, McNulty K, Nguyen JA, Rose D, Moore D, Peterman B, Reichley SR, and Lawrence ML. 2025. Systematic revision of the genus *Orchidasma* Looss, 1900 and description of *Orchidasma orchilobata* n. sp. from the loggerhead *Caretta caretta* (L.) and Kemp's ridley *Lepidochelys kempii* (Garman) turtles. Systematic Parasitology 102(44): 1-33. <https://doi.org/10.1007/s11230-025-10243-x>
- Balami S, Khoo LH, Older CE, Waldbieser GC, Heckman TI, Ware CC, **Richardson BM**, Hawke JP, Lopez-Porras A, Soto E, Shoemaker CA, Camus AC, Lawrence ML, Peterman MA, Peterman AE, and Griffin MJ. 2025. *Streptococcus dysgalactiae* from farm-raised channel catfish in Mississippi, USA, with notes on fish-associated Group C *S. dysgalactiae*. Journal of Fish Diseases 48(12): e14166. <https://doi.org/10.1111/jfd.14166>
- Richardson BM**, ul-Huda N, Ware C, Camus AC, Older CE, Yamamoto FY, Goodman PM, Reifers JG, Walker CM, Stilwell JM, Marancik DP, Wise DJ, and Griffin MJ. 2025. Fingerling stocking size has no influence on proliferative gill disease severity in farm-raised channel catfish (*Ictalurus punctatus*). Journal of Aquatic Animal Health 37: 1-10. <https://doi.org/10.1093/jahafs/vsae002>
- Older CE, Griffin MJ, **Richardson BM**, Reifers JG, Goodman PM, Ware C, Gatlin DM III, Wise DJ, and Yamamoto FY. 2024. Impact of prebiotic and probiotic diets on gut bacterial microbiota and susceptibility to *Edwardsiella ictaluri* challenge in oxytetracycline-treated channel catfish. Journal of Fish Diseases 48(3): e14066. <https://doi.org/10.1111/jfd.14066>
- Yamamoto FY, Older CE, Khoo LH, Romano N, **Richardson BM**, Ott BD, Wise DJ, Ware C, Goodman PM, Reifers JG, and Griffin MJ. 2024. Dietary iron fortification did not affect the intestinal microbiome for channel catfish (*Ictalurus punctatus*) juveniles, but decreased their resistance against *Edwardsiella ictaluri*. Journal of Fish Diseases 48(3): e14060. <https://doi.org/10.1111/jfd.14060>

- Venugopalan A, White D, López-Porras A, Ford L, Ware C, Lewis MA, Steadman JM, Khoo LH, **Richardson BM**, Walker CM, Byars TS, Wise DJ, Griffin MJ, and Hanson LA. 2024. Diversity in clinical isolates of Ictalurid Herpesvirus 1 (IcHV1) from U.S. farm-raised catfish and virulence assessment in channel and channel x blue catfish hybrids. *Journal of Fish Diseases* 47(11): e14005. <https://doi.org/10.1111/jfd.14005>
- Yamamoto FY, Huang J, Suarez-Barazeta CC, Craig SR, Older CE, **Richardson BM**, Santana TM, Griffin MJ, Reifers JG, Goodman PM, and Gatlin III DM. 2024. Exploring the nutritional value of corn fermented protein as a replacement for soybean meal in diets for juvenile channel catfish (*Ictalurus punctatus*): impacts on production performance, intestinal health, and disease resistance. *Aquaculture* 587: 740824. <https://doi.org/10.1016/j.aquaculture.2024.740824>
- Older CE, Yamamoto FY, Griffin MJ, **Richardson BM**, Waldbieser GC, Reifers JG, Goodman PM, Ware C, Gatlin DM III, and Wise DJ. 2023. Effect of probiotic and prebiotic supplementation on intestinal microbiota and resistance to *Edwardsiella ictaluri* infection in channel catfish (*Ictalurus punctatus*) following florfenicol administration. *Journal of Fish Diseases* 47(4): 1-10; e13910. <https://doi.org/10.1111/jfd.13910>
- Yamamoto FY, Griffin MJ, **Richardson BM**, Stilwell JM, Romano N, Goodman PM, Reifers JG, and Wise DJ. 2023. Dietary iron supplementation did not affect production performance of hybrid catfish (*Ictalurus punctatus* × *I. furcatus*) juveniles, but increased hematocrit levels, and may have decreased disease resistance during *Edwardsiella ictaluri* challenge. *Journal of Fish Diseases* 47(3): 1-10. <https://doi.org/10.1111/jfd.13902>
- Older CE, **Richardson BM**, Wood M, Waldbieser GC, Ware C, Griffin MJ, and Ott BD. 2023. Evaluating nanopore sequencing for microbial community characterization in catfish pond water. *Journal of the World Aquaculture Society* 2023: 1-13. <https://doi.org/10.1111/jwas.13002>
- Kumar G, Engle C, van Senten J, Sun L, Hedge S, and **Richardson BM**. 2023. Resource productivity and costs of aquaculture practices: Economic-sustainability perspectives from U.S. catfish farming. *Aquaculture*: 739715. <https://doi.org/10.1016/j.aquaculture.2023.739715>
- Richardson BM**, Reifers JG, Walker C, Byars TS, Mischke CC, Griffin MJ, and Wise DJ. 2023. Evaluation of a snail trap prototype for monitoring the intermediate gastropod hosts of *Bolbophorus* spp. in commercial catfish ponds of the southeastern United States. *Journal of the World Aquaculture Society* 54(5): 1247-1259. <https://doi.org/10.1111/jwas.12962>
- Mischke CC, **Richardson BM**, Wise DJ, and Tiwari A. 2023. Rotenone has little effect on water quality, phytoplankton, zooplankton, or macroinvertebrates in aquaculture nursery ponds. *North American Journal of Aquaculture* 85(1): 64-73; 10276. <https://doi.org/10.1002/naaq.10276>

- Mischke CC, **Richardson BM**, Tiwari A, Griffin MJ, Rehman JU, Ashfaq MK, Nanayakkara NPD, Khan IA, and Wise DJ. 2023. Copper toxicity to the ghost rams-horn snail *Biomphalaria havanensis*. North American Journal of Aquaculture 85(2): 116-122. <https://doi.org/10.1002/naaq.10279>
- Johnston AE, Shavalier MA, Scribner KT, Soto E, Griffin, MJ, Waldbieser GC, **Richardson BM**, Winters AD, Yun S, Baker EA, Larson DL, Kiupel M, and Loch TP. 2022. First isolation of a herpesvirus (Family Alloherpesviridae) from Great Lakes Lake Sturgeon (*Acipenser fulvescens*). Animals 12(23): 3230. <https://doi.org/10.3390/ani12233230>
- Armwood AR, Griffin MJ, **Richardson BM**, Wise DJ, Ware C, and Camus AC. 2022. Pathology and virulence of *Edwardsiella tarda*, *Edwardsiella piscicida*, and *Edwardsiella anguillarum* in channel (*Ictalurus punctatus*), blue (*Ictalurus furcatus*), and channel × blue hybrid catfish. Journal of Fish Diseases 45(11):1683-1698. <https://doi.org/10.1111/jfd.13691> (Top 10% of JFD reads of 2023)
- López-Porras A, Griffin MJ, Ware C, **Richardson BM**, Greenway TE, Rosser TG, Aarattuthodiyi S, and Wise DJ. 2022. Cross-protective efficacy of a live-attenuated *Edwardsiella ictaluri* vaccine against heterologous *Edwardsiella piscicida* isolates in channel and channel × blue catfish hybrids. Journal of Fish Diseases 45(7): 1001-1010. <https://doi.org/10.1111/jfd.13623>
- Richardson BM**, Mischke CC, Rosser TG, Woodyard ET, Ware C, Wise DJ, and Griffin MJ. 2022. Activation of *Heneguya ictaluri* actinospores by non-ictalurid fish species, with implications for management of proliferative gill disease in catfish aquaculture. North American Journal of Aquaculture 84(3): 313-324. <https://doi.org/10.1002/naaq.10242> (Best Paper - NAJA 2022)
- Tumolo BB, **Richardson BM**, Lebeda DD, and Flinn MB. 2022. Phytoplankton survival in hindgut of invasive Silver Carp (*Hypophthalmichthys molitrix*). American Midland Naturalist 187: 29-38. <https://doi.org/10.1674/0003-0031-187.1.29>
- Stillwell JM, Rosser TG, Woodyard ET, **Richardson BM**, Lopez-Porras A, Leary JH, Mischke CC, Camus AC, and Griffin MJ. 2021. Characterisation of myxozoan fauna of western mosquitofish, *Gambusia affinis* (Baird and Gerard) (Cyprinodontiformes: Poeciliidae), inhabiting experimental catfish ponds in Mississippi, USA. Systematic Parasitology 2021: 1-19. <https://doi.org/10.1007/s11230-021-09987-z>
- López-Porras A, Griffin MJ, Armwood AR, Camus AC, Waldbieser GC, Ware C, **Richardson BM**, Greenway TE, Rosser TG, Aarattuthodiyil S, and Wise DJ. 2021. Genetic variability of *Edwardsiella piscicida* isolates from Mississippi catfish aquaculture with an assessment of virulence in channel and channel × blue hybrid catfish. Journal of Fish Diseases 44(11): 1725-1751. <https://doi.org/10.1111/jfd.13491>

Richardson BM, Griffin MJ, Colvin ME, Wise DJ, Ware C, Mischke CC, Greenway TE, Byars TS, Hanson LA, and Lawrence ML. 2021. Using quantitative polymerase chain reaction (qPCR) and occupancy models to estimate atypical *Aeromonas hydrophila* (aAh) prevalence in catfish. *Aquaculture* 530: 735687.

<https://doi.org/10.1016/j.aquaculture.2020.735687>

Richardson BM, and Flinn MB. 2019. Increased Probability and Efficiency of Gar Capture Using Multi- Versus Monofilament Gill Nets. *Journal of Fish and Wildlife Management* 10(2): 551-562; e1944-687X. <https://doi.org/10.3996/112018-JFWM-101>

FUNDED PROJECTS

US Animal and Plant Health Inspection Service (APHIS). 2023. *Apple Snail* (*Pomacea maculata*) *integrated pest management tactics for crawfish and rice production*. AL Roda (PI) and **BM Richardson** (Co-PI). \$288,391

USDA – Agricultural Research Service. 2023. *Hyperspectral detection of off-flavor causing cyanobacteria in catfish aquaculture with unmanned aerial systems*. S Samiappan (PI), G Turnage (Co-PI), JW Lowe (Co-PI), DJ Wise (Co-PI), **BM Richardson** (Co-PI). \$51,756.

Southern Regional Aquaculture Center (SRAC). 2023. *Optimizing production systems for removal of ammonia*. BD Ott (PI), CE Older (Co-PI), **BM Richardson** (Co-PI), CC Mischke (Co-PI), JM Taylor (Co-PI). \$200,000

US Animal and Plant Health Inspection Service (APHIS). 2022. *Apple Snail* (*Pomacea maculata*) *integrated pest management tactics for crawfish and rice production*. AL Roda (PI) and **BM Richardson** (Co-PI). \$418,000

US Environmental Protection Agency (EPA). 2019. *Developing Bankfull Regional Curves: A First Step to Restore Streams Functionality in Mississippi*. JJ Ramirez-Avila (PI), SL Ortega-Achury (Co-PI), JL Martin (Co-PI), and **BM Richardson** (Co-PI). \$259,043

GRANTS AND AWARDS

Best Paper in the North American Journal of Aquaculture 2023 – American Fisheries Society	2023
3 rd Place, Best Student Oral Presentation (\$100) – Mississippi Chapter, American Fisheries Society	2020
Preparing Future Faculty Program Graduate – Mississippi State University	2019
Ernest A. Gluesing Outstanding Wildlife and Fisheries Ph.D. Student (\$100) – Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University	2019
David Nabi Memorial Award – Department of Wildlife, Fisheries, and Aquaculture, Mississippi State University	2019

Mississippi AFS Excellence in Public Outreach – Mississippi Chapter, American Fisheries Society	2019
3-Minute Thesis Grand Champion Finalist (\$250) – Office of the Graduate School, Mississippi State University	2018
Best Student Abstract/Travel Award (\$400) – Fish Culture Section, American Fisheries Society	2018
Best Doctoral Student Oral Presentation – Graduate Student Research Symposium, Office of the Graduate School, Mississippi State University	2018
Best Student Abstract/Travel Award (\$400) – Fish Culture Section, American Fisheries Society	2017
Outstanding Graduate Researcher – Department of Biology, Murray State University	2015
Innovative Graduate Research Assistantship (\$8,000) – Murray State University	2014
Larry D. Pharris Memorial Wildlife Biology Scholarship (\$2,000) – Department of Biology, Murray State University	2014
Outstanding Graduate Poster – Murray State University Sigma Xi Chapter	2014
Undergraduate Instars Fellowship – Society for Freshwater Science	2013
Undergraduate Research Fellowship (\$2,000) – Office of Undergraduate Research and Scholarly Activities, Murray State University	2012
Dr. Alfred M. Wolfson Memorial Scholarship (\$2,000) – Department of Biology, Murray State University	2012
Undergraduate Research Grant (\$500) – Office of Undergraduate Research and Scholarly Activities, Murray State University	2011

OUTREACH AND SERVICE

Mississippi State University Department of Wildlife, Fisheries, and Aquaculture – Invited Speaker

Revenge of the Reset: Aquatic Disease Research in Mesocosms That You Don't Manage 2026

Mississippi State University's Student Subunit of the American Fisheries Society – Invited Speaker

Aquaculture and Ecology 2025

Eastern Fish Health Workshop

Special Session Co-organizer – “Big Data/Omics in Fish Health” 2024

Louisiana State University Entomology Department – Invited Speaker

Fish, bugs, snails, and stats: a case study in avoiding the pigeonhole 2023

University of Texas – Tyler, Biology Department – Invited Speaker

Ecology and aquaculture: making a mark and remaining marketable 2023

9th International Symposium on Aquatic Animal Health

Special Session Co-organizer 2022

46th Annual Meeting of the Mississippi Chapter of the American Fisheries Society

Student Moderator 2020

Conference of Research Workers in Aquatic Diseases

Student Moderator 2019

Mississippi State University Student Sub-unit of the American Fisheries Society

President 2018-2019

Kidz Outdoor Zone (Jonesboro, IL) – Invited Speaker

Critters in the Creek 2018

Department of Wildlife, Fisheries, and Aquaculture Graduate Student Association

Department Representative 2018

Mississippi State University Student Sub-unit of the American Fisheries Society – Invited Speaker

Three States and A Thousand Connections 2017

Mississippi State University Student Sub-unit of the American Fisheries Society

President-elect 2017-2018

Mississippi Region V Science Fair

Judge 2017-2020

Mississippi State University Undergraduate Research Symposium

Judge 2017-2020

Land Between the Lakes “Cool and Crawly Critter Day” – Exhibitor

“Fun Fishes of Kentucky” 2014

Murray State University Chapter of The Wildlife Society – Invited Speaker

Searching for Morphological Differences in Four Sympatric Gar Species 2013

REPRESENTATIVE MEDIA COVERAGE

[USDA-ARS Research Spotlight](#)

YouTube Video 2025

[World Aquaculture – Apple Snails](#)

Magazine Article 2024

[AFS FCS – Nursery Pond Rotenone](#)

Newsletter Article 2023

[Fish Farming News – Low-dose Copper](#)

Newsletter Article 2023

Fish Farming News – Snail Traps	Newsletter Article	2023
Aquaculture North America – <i>Catfish Revival</i>	Newsletter Interview	2023
MSU Graduate School 3-Minute Thesis	Video Presentation	2018
MSU FWRC Annual Report	Student Spotlight	2018
For the Love of Animals – <i>Gone Fishin' II</i>	Media Appearance	2014
For the Love of Animals – <i>Gone Fishin' I</i>	Media Appearance	2013

OTHER PROFESSIONAL ACTIVITIES

Journal Reviewer

Pest Management Science, Fishes, Aquaculture, Sustainability, Aquaculture Reports, North American Journal of Aquaculture, Journal of Aquatic Animal Health, Toxicology Reports

Professional Organization Membership

American Malacological Society (AMS)

American Fisheries Society (AFS)

World Aquaculture Society (WAS)

US Aquaculture Society (USAS)

National Science Teachers Association (NSTA)