

Bradley Michael Richardson

Ph.D. Student

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EDUCATION

Ph.D. Forest Resources Mississippi State University	Present Advisors: Michael E. Colvin, David J. Wise
M.S. Biology Murray State University	2015 Advisor: Michael B. Flinn
B.S. Aquatic Biology/Fisheries Murray State University	2013 <i>Cum Laude</i>

MANUSCRIPTS IN PROGRESS

- Richardson BM**, Griffin M, Greenway T, Mischke C, Wise DJ, and Colvin ME. Increased detectability of atypical *Aeromonas hydrophila* (aAh) in channel catfish *Ictalurus punctatus* intestinal swabs. *In Prep*
- Tumolo BB, **Richardson BM**, Labeda DM, and Flinn MB. Phytoplankton survival in invasive Silver Carp (*Hypophthalmichthys molitrix*) hindgut. *In Review*
- Richardson BM** and Flinn MB. Increased efficiency of multi- versus monofilament gill nets for the capture of gar. *In Review*
- Richardson BM** and Walker R. Evaluating the use of radial notes in the college classroom. *In Revision*
- Richardson BM** and Flinn MB. An evaluation of diet composition and overlap in four sympatric gar species (Lepisosteidae). *In Revision*

GRANTS AND AWARDS

MSU Graduate School 3-Minute Thesis Grand Champion Finalist (\$250)	2018
AFS Fish Culture Section Best Student Abstract/Travel Award (\$400)	2018
MSU GSRS Best Doctoral Student Oral Presentation	2018
AFS Fish Culture Section Best Student Abstract/Travel Award (\$400)	2017
MSU Department of Biology Outstanding Graduate Researcher	2015
MSU Innovative Graduate Research Assistantship (\$8,000)	2014-2015
Larry D. Pharris Memorial Wildlife Biology Scholarship (\$2,000)	2014

MSU Sigma Xi Chapter Outstanding Graduate Poster	2014
Society for Freshwater Science Instars Fellowship	2013
URSA Research Fellowship (\$2,000)	2012
Dr. Alfred M. Wolfson Memorial Scholarship (\$2,000)	2012
URSA Research Grant (\$500)	2011

TEACHING AND MENTORSHIP

Teaching Assistantships

Applied Aquatic and Terrestrial Ecology	Mississippi State University	Fall 2018
Fisheries Science	Mississippi State University	Spring 2018
Applied Aquatic and Terrestrial Ecology	Mississippi State University	Fall 2017
Fish Physiology	Mississippi State University	Fall 2016
Zoology	Murray State University	Spring 2015
Zoology	Murray State University	Fall 2014
Zoology	Murray State University	Spring 2014
Introduction to Biology	Murray State University	Spring 2014
Zoology	Murray State University	Fall 2013

Guest Lectures

<i>Hatchery Creek</i> – Hydro-environmental Analysis (MSU)	Fall 2018
<i>Biological Indices</i> – Hydro-environmental Analysis (MSU)	Fall 2018

Mentorships (1 – undergraduate, 2 – high school student)

Bayley Wilmoth ¹	Mississippi State University	2018
Shanika Musser ¹	Mississippi State University	2018
Taylor Noble ¹	Mississippi State University	2018
Donavan McCranie ²	Columbus High School	2018
Jeremiah Ramsey ²	Columbus High School	2018
Miracle Watson ²	Columbus High School	2018
Claire Ray ¹	Mississippi State University	2017
Jennifer Deignan ¹	Mississippi State University	2017
Tori Savors ²	Columbus High School	2017-2018
Hunter Brooks ²	Columbus High School	2017-2018
David Alavarez ²	Columbus High School	2017
Wynter Brooks ²	Columbus High School	2017
Amiyah Porter ²	Columbus High School	2017
Nathan Tillotson ¹	Murray State University	2014-2015
Desmond Eldredge ¹	Murray State University	2013
Chaise Gilbert ¹	Murray State University	2013
Christy Soldo ¹	Murray State University	2013-2015

Other Teaching Experience

Substitute Teacher	Century Jr./Sr. High School, Ullin, IL 62992	2016
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OUTREACH AND SERVICE

Mississippi State University Student Sub-unit of the American Fisheries Society <i>President</i>	Present
Kidz Outdoor Zone – Jonesboro, IL <i>Presentation Critters in the Creek</i>	Spring 2018
Mississippi State University Student Sub-unit of the American Fisheries Society <i>Presentation Three States and A Thousand Connections</i>	Fall 2018
Department of Wildlife, Fisheries, and Aquaculture Graduate Student Association <i>President</i>	Present
Mississippi State University Student Sub-unit of the American Fisheries Society <i>President-elect</i>	2017-2018
Mississippi Region V Science Fair <i>Judge</i>	2017-Present
Mississippi State University Undergraduate Research Symposium <i>Judge</i>	2017-Present
Land Between the Lakes “Cool and Crawly Critter Day” <i>Exhibit Fun Fishes of Kentucky</i>	Spring 2014
Murray State University Wildlife and Fisheries Society <i>Presentation Searching for Morphological Differences in Four Sympatric Gar Species</i>	Fall 2013

CONTRIBUTED PRESENTATIONS

Society and Research Conferences

American Fisheries Society	Oral Presentation	2018
American Fisheries Society	Poster Presentation	2018
American Fisheries Society - Mississippi Chapter	Oral Presentation	2018
American Fisheries Society	Oral Presentation	2017
Midwestern Ecology and Evolution Conference	Oral Presentation	2015
American Fisheries Society - Southern Division	Oral Presentation	2015
Kentucky Academy of Science	Oral Presentation	2014
Joint Meeting of Ichthyologists and Herpetologists	Oral Presentation	2014
Southeastern Ecology and Evolution Conference	Poster Presentation	2014
Society for Freshwater Science	Poster Presentation	2013

Symposia and Technical Committees

Aquatic Animal Health (International)	Oral Presentation	2018
MSU Graduate School Research Symposium	Oral Presentation	2018
Alligator Gar Technical Committee Meeting	Oral Presentation	2015
Watershed Studies Institute Symposium	Oral Presentation	2014
Murray State University Scholars Week	Poster Presentation	2014
Murray State University Scholars Week	Poster Presentation	2013

Invited Seminars

MSU Graduate School 3-Minute Thesis	Media Appearance	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**Working Groups**

“Southern Brook Lamprey Research Group”. *Mississippi State University, Department of Wildlife, Fisheries, and Aquaculture.*

“Developing Bankfull Regional Curves: A First Step to Restore Streams Functionality in Mississippi”. *Mississippi State University, Department of Civil and Environmental Engineering.*

Professional Organization Membership

Ecological Society of America (ESA)
National Science Teachers Association (NSTA)
American Fisheries Society (AFS)