

Shane Flinn

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EDUCATION

- 2019– Ph.D. Fisheries and Wildlife, GPA: 4.00**
Michigan State University, East Lansing, MI
Dissertation: “The Consequences of Connectivity”
Advisor: Dr. Kelly Robinson
- 2018 M.S. Oceanography and Coastal Science, GPA: 3.92**
Louisiana State University, Baton Rouge, LA
Thesis: “An Evaluation of Sciaenid Growth in the Gulf of Mexico”
Advisor: Dr. Steve Midway
- 2016 B.S. Fisheries and Wildlife, *With Honor*, GPA: 3.81**
Michigan State University, East Lansing, MI
Research: “Spatial, temporal, and cohort-related variation of Chinook salmon in Lake MI”
Advisor: Dr. Michael Jones
- 2013 A.S. Biology, *Cum Laude*, GPA: 3.48**
Lansing Community College, Lansing, MI

PROFESSIONAL and RESEARCH EXPERIENCE

- 2020–Present** Statistical Consultant, MSU, Center for Statistical Training and Consulting
- 2019–Present** Research Assistant, MSU, Dept. Fisheries and Wildlife, Quantitative Fisheries Center
- 2016–2018** Research Assistant, Louisiana State University, Dept. Oceanography & Coastal Sciences
- 2016** Stream Technician, Trout Unlimited
- 2015** Research Assistant, MSU, Dept. Fisheries and Wildlife, Quantitative Fisheries Center
- 2014** Research Assistant, MSU, Dept. Fisheries and Wildlife

CERTIFICATIONS and SKILLS

- Statistical Environments: R, JAGS, BUGS
- Quantitative tools: Hierarchical modeling, Bayesian estimation (WinBUGS/JAGS), general linear models, generalized linear models, mixed models and random effects
- Software: ArcGIS, Latex, Microsoft Windows, Word, Excel, PowerPoint, Access
- Freshwater and marine habitat sampling and surveying techniques
- Fisheries sampling techniques (electrofishing, gillnet, trapnet, etc.)
- Age and growth techniques (otolith embedding, sectioning, aging, etc.)
- Histological techniques (embedding, sectioning, staging, etc.)

HONOR and AWARDS

2018	Best Student Oral Presentation Louisiana Chapter AFS Annual Meeting – 2 nd Place
2016	Outstanding Fisheries and Wildlife Senior, nominee
2015	College of Agriculture and Natural Resources Study Abroad Scholarship
2013–2016	Dean’s List, every undergraduate semester
2014–2015	College of Agriculture and Natural Resources Research Fellowship
2014–2015	Ruth Hurt Memorial Scholarship
2012–2013	Lansing Community College President’s List

PROFESSIONAL and STUDENT AFFILIATIONS

2013–Present	American Fisheries Society
	2019–Present <i>North Central Division, Michigan Chapter</i>
	2017–Present <i>Southern Division, Louisiana Chapter</i>
2017–2018	LSU Aquaculture and Fisheries Club
2016–2018	LSU Coast & Environment Graduate Organization
2013–2016	MSU Fisheries and Wildlife Club

PRESENTATIONS

1. **Flinn, S.** and K.F. Robinson. 2020. The Consequences of Connectivity. Michigan State University College of Agriculture and Natural Resources Graduate Student Organization Symposium. February 21, 2020. East Lansing, MI. [Oral]
2. Pensinger, L.G., S.R. Midway, M.J. Polito, **S. Flinn**, and A. Ostrowski. **2019**. Life History and Trophic Niche of Hardhead Catfish in the Northern Gulf of Mexico. American Fisheries Society Annual Meeting. September 30, 2019. Reno, NV. [Oral]
3. Pensinger, L.G., S.R. Midway, M.J. Polito, **S. Flinn**, and A. Ostrowski. **2019**. Life History and Trophic Niche of Hardhead Catfish in the Northern Gulf of Mexico. Louisiana Chapter of the American Fisheries Society Annual Meeting. May 23, 2019. Thibodaux, LA. [Oral]
4. **Flinn, S.** and S.R. Midway. **2019**. An Evaluation of Sciaenid Growth in the Gulf of Mexico. Quantitative Fisheries Center, Tuesday Inter-Lab Quantitative Seminar (TIQS). April 23, 2019. East Lansing, MI. [Oral]

5. Pensinger, L.G., S.R. Midway, **S. Flinn**, and A. Ostrowski. **2019**. Life History of Marine Catfishes In The Northern Gulf Of Mexico. Southern Division of the American Fisheries Society Annual Meeting. January 26, 2019. Galveston, TX. [Oral]
6. **Flinn, S.** **2018**. An Evaluation of Sciaenid Growth in the Gulf of Mexico. M.S. Thesis Defense. September 17, 2018. Baton Rouge, LA. [Oral]
7. **Flinn, S.** and S.R. Midway. **2018**. Environmental Drivers of Sciaenid Growth in the Western Gulf of Mexico. American Fisheries Society Annual Meeting. August 22, 2018. Atlantic City, NJ. [Oral]
8. **Flinn, S.** and S.R. Midway. **2018**. Multi-model Evaluation of Sciaenid Growth in the Western Gulf of Mexico. Louisiana Chapter of the American Fisheries Society Annual Meeting. May 24, 2018. Baton Rouge, LA. [Oral]
9. **Flinn, S.** and S.R. Midway. **2018**. A Multi-model Evaluation of Sciaenid Growth in the Western Gulf of Mexico. Southern Division of the American Fisheries Society Annual Meeting. March 11, 2018. San Juan, Puerto Rico. [Oral]
10. **Flinn, S.**, S.R. Midway, B. Malbrough, L. Dey, and M.D. Robertson. **2017**. Age and Growth of Louisiana Marine Catfishes. Louisiana Chapter of the American Fisheries Society Annual Meeting. May 25, 2017. Thibodaux, LA. [Poster]
11. **Flinn, S.**, and M.L. Jones. **2015**. Spatial, temporal, and cohort-related variation of Chinook salmon in Lake Michigan. University Undergraduate Research and Arts Forum (UURAF). April 10, 2015. East Lansing, MI. [Oral]

TEACHING EXPERIENCE

- 2020** **Statistical Consultant, MSU, Center for Statistical Training and Consulting**
- 2018** **Teaching Assistant, Louisiana State University**
Introduction to R Workshop
- 2017** **Teaching Assistant, Louisiana State University**
Code Café – Providing coding assistance and troubleshooting to the LSU Community
- 2016** **Guest Lecture, Intro to Fisheries and Wildlife. Topic: Undergraduate Research at MSU**
Course Instructor: Dr. Mary Bremigan, Michigan State University

PUBLICATIONS

1. **S.A. Flinn**, S.R. Midway, and A. Ostrowski. 2019. Age and Growth of Hardhead Catfish and Gafftopsail Catfish in Coastal Louisiana, USA. *Marine and Coastal Fisheries*. 11: 362–371.
2. **S.A. Flinn**. 2018. An Evaluation of Sciaenid Growth in the Gulf of Mexico. LSU Master's Theses. 4805. https://digitalcommons.lsu.edu/gradschool_theses/4805.