

Steve Midway, Ph.D.

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Louisiana State University
Dept of Oceanography & Coastal Science
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EDUCATION

- 2013** **Ph.D. Marine Biology, GPA 4.0**
University of North Carolina Wilmington, Wilmington, NC
Advisor: Dr. Frederick Scharf
- 2008** **M.S. Fisheries and Wildlife Sciences, GPA 4.0**
North Carolina State University, Raleigh, NC
Advisors: Drs. Derek Aday and Thomas Kwak
- 2005** **B.S. Wildlife and Fisheries Biology, Magna Cum Laude, GPA 3.9**
University of Vermont, Burlington, VT

APPOINTMENTS/RESEARCH EXPERIENCE

- 2021–Present** Adjunct Professor, Department of Forestry and Environmental Conservation,
Clemson University
- 2016–Present** Assistant Professor, Department of Oceanography & Coastal Sciences,
Louisiana State University
- 2014–2015** Visiting Assistant Professor, Department of Biology, Coastal Carolina Univer-
sity
- 2013–2016** Postdoctoral Research Associate, PA Cooperative Fish and Wildlife Research
Unit, Department of Ecosystem Science and Management, Pennsylvania State
University
- 2013–Present** Statistical Consultant, Rehabilitation Care Group
- 2014** Fisheries Management Contractor, Atlantic States Marine Fisheries Commis-
sion
- 2009–2012** Research Assistant, University of North Carolina Wilmington
- 2009** Fisheries Biologist II, Florida Fish and Wildlife Conservation Commission,
Northwest Region (Gulf of Mexico and Big Bend)
- 2007–2008** Research Assistant, North Carolina State University
- 2004–2005** Fisheries Technician, University of Vermont
- 2002–2003** Fisheries Technician, Vermont Co-operative Fish and Wildlife Research Unit

PUBLICATIONS

- Peer-Reviewed

2021

53. Pensinger, L.G. N.J. Brown-Peterson, C.C. Green, and **S.R. Midway**. **2021**. Reproductive biology of hardhead catfish *Ariopsis felis*: Evidence for overwintering oocytes. *Journal of Fish Biology* doi:10.1111/jfb.14717
52. Erickson, K.A., J. West, M.A. Dance, T.M. Farmer, J.C. Ballenger, and **S.R. Midway**. **2021**. Changing climate associated with the range-wide decline of an estuarine finfish. *Global Change Biology* doi:10.1111/(ISSN)1365-2486
51. Toner, K. and **S.R. Midway**. **2021**. Historic fish samples from the Southeast USA lack microplastics. *Science of the Total Environment* doi:10.1016/j.scitotenv.2021.145923
50. Flinn, S.A. and **S.R. Midway**. **2021**. Trends in Growth Modeling in Fisheries Science. *Fishes* 6:1–18
49. Rovai, A.S. and 21 others (including **S.R. Midway**). **2021**. Testing macroecological patterns and drivers of mangrove carbon stocks across biogeographic regions and coastal morphologies. *Global Ecology and Biogeography* doi:10.1111/geb.13268
48. Stouffer., P., V. Jirinec, C.L. Rutt, R.O. Bierregaard, A. Hernández-Palma, E.I. Johnson, **S.R. Midway**, L.L. Powell, J.D. Wolfe, and T.E. Lovejoy. **2021**. Long-term change in the avifauna of undisturbed Amazonian rainforest: Birds disappear and the baseline shifts. *Ecology Letters* 24:186–195.

2020

47. **Midway, S.R.**, M.D. Robertson, S. Flinn, and M.D. Kaller. **2020**. Comparing multiple comparisons: Practical guidance for comparing the best multiple comparisons test. *PeerJ* e10387
46. **Midway, S.R.** **2020**. Principles and practice of effective data visualization. *Patterns*. 10.1016/j.patter.2020.100141
45. **Midway, S.R.**, J. Adriance, P. Banks, S. Haukebo, and R. Caffey. **2020**. Electronic self-reporting: Angler attitudes and behaviors in the recreational Red Snapper fishery. *North American Journal of Fisheries Management* 40:1119–1132
44. McCormick, A., M.D. Robertson, R. Brasso, and **S.R. Midway**. **2020**. Mercury Concentrations in Store-Bought Shrimp. *Food Science & Nutrition* 00:1–7
43. **Midway, S.R.**, A.M. Schueller, R.T. Leaf, G.M. Nessler, and R.M. Mroch III. **2020**. Macroscale Drivers of Atlantic and Gulf Menhaden Growth. *Fisheries Oceanography* 29:252–264.
42. Peoples, B.K., A.S.J. Davis, **S.R. Midway**, J. D. Olden, and L. Stoczynski. **2020**. Landscape-scale drivers of fish faunal homogenization and differentiation in the eastern United States. *Hydrobiologia* 1–15.

2019

41. Noring, A., G. Sass, **S.R. Midway**, J.A VenDeHey, J.K. Raabe, D.A. Isermann, J.M., Kampa, T.P. Parks, J. Lyons, and M.J. Jennings. **2019**. Pelagic forage versus abiotic factors as drivers of walleye growth in northern Wisconsin lakes. *Advances in Limnology*.

40. Rohli, R.V., S.A. Ates, V.H. Rivera-Monroy, M.J. Polito, **S.R. Midway**, E. Castañeda-Moya, A.J. Gold, E. Uchida, M.M. Mangora, and S. Makoto. **2019**. Inter-annual hydroclimatic variability in coastal Tanzania. *International Journal of Climatology*. 39(12):4736–4750, doi: 10.1002/joc.6103
39. Flinn, S., A. Ostrowski, and **S.R. Midway**. **2019**. Age and growth of Hardhead Catfish and Gafftopsail Catfish. *Marine and Coastal Fisheries* 11:362–371.
38. Robertson, M.D., and **S.R. Midway**. **2019**. Predicting coastal fishing community characteristics in Tanzania using local monitoring data. *Journal of Environmental Management* 246, 514–525.
37. Southwood-Williard, A., L.A. Harden, T.T. Jones., and **S.R. Midway**. **2019**. Effects of temperature and salinity on body fluid dynamics and metabolism in the estuarine Diamond-backed Terrapin (*Malaclemys terrapin*). *Journal of Experimental Biology* 222(10), jeb202390.
36. **Midway, S.R.** and B.K. Peoples. **2019**. Effects of life history traits on stream fish abundances across spatial scales. *Ecology of Freshwater Fish*. doi.org/10.1111/eff.12482
35. Uchida, E., V.H. Rivera-Monroy, E. Castañeda-Moya, A.J. Gold, T. Guilfoos, M.F. Hernandez, R. Lokina, M.M. Mangora, **S.R. Midway**, C. McNally, M.J. Polito, M. Robertson, R.V. Rohli, H. Uchida, L. West, and X. Zhao. **2019**. Collaborative research: Mangrove ecosystem services and poverty traps as a coupled natural-human system. Stephen Perz, Ed. *Collaboration Across Boundaries for Interdisciplinary Environmental Systems Science*. Palgrave Macmillan.
34. Rutt, C., **S.R. Midway**, V. Jirinec, J. Wolfe, and P. Stouffer. **2019**. Examining the microclimate hypothesis in Amazonian birds: Indirect tests of the ‘visual constraints’ mechanism. *Oikos*.128(6):798–810.
33. **Midway, S.R.**, G.H. Burgess, and T. Wagner. **2019**. Trends in Global Shark Attacks. *PLoS ONE*. 14(2): e0211049. doi.org/10.1371/journal.pone.0211049
32. Visser J.M., **S.R. Midway**, D.M. Baltz, and C. Sasser. **2019**. Ecosystem Structure of Tidal Saline Marshes. Chapter 15 in *Coastal Wetlands: An Integrated Ecosystem Approach*, 2nd Edition. Elsevier.
31. Hasler, C.T., C. Woodley, E.V.C. Schneider, B.K. Hixson, C.J. Fowler, **S.R. Midway**, C.D. Suski, and D. Smith. **2019**. Avoidance of carbon dioxide in flowing water by bighead carp. *Canadian Journal of Fisheries and Aquatic Sciences*. 76(6):961–969

2018

30. Robertson, M.D., M.F. Hernandez, **S.R. Midway**, C.T. Hasler, and C.D. Suski. **2018**. Shelter-seeking behavior of crayfish, *Procambarus clarkii*, in elevated carbon dioxide. *Aquatic Ecology* 52(2) 225–233.
29. Robertson, M.D., **S.R. Midway**, L. West, H. Tillya, and V.H. Rivera-Monroy. **2018**. Fishery characteristics in two districts of coastal Tanzania. *Ocean and Coastal Management* 163:254–268.
28. Benjamin, T., R. Brasso, **S.R. Midway**, D. Thompson, and L.A. Harden. **2018**. Using non-destructive techniques to measure mercury (Hg) concentrations in gravid, endangered Blanding’s turtles (*Emydoidea blandingii*) in northeastern Illinois. *Bulletin of Environmental Contamination and Toxicology* 101:295–299.

27. **Midway, S.R.**, A. Ostrowski, L. West, M. Hernandez, and M.D. Robertson. **2018**. Improved growth estimates for *Lethrinus harak*: Measuring increments, adjusting ages, and fitting flexible models. *Fishes* 3(3):31.
26. Peoples, B.K. and **S.R. Midway**. **2018**. Fishing pressure and species traits affect stream fish invasions both directly and indirectly. *Diversity and Distributions*. DOI: 10.1111/ddi.12747
25. Harden L.A., J. Fernandez, J.R. Milanovich, B.P. Struecker, and **S.R. Midway**. **2018**. Blood Biochemical Reference Intervals for Wild Ornate Box Turtles (*Terrapene ornata*) during the Active Season. *Journal of Wildlife Diseases* 54(3):587–591.
24. **Midway, S.R.**, J.W. White, and F.S. Scharf. **2018**. The potential for cryptic population structure to sustain a heavily exploited marine flatfish stock. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 10:411–423.
23. Hansen, G.J.A., **S.R. Midway**, and T. Wagner. **2018**. Walleye recruitment is less resilient to warming water temperatures in lakes with abundant largemouth bass populations. *Canadian Journal of Fisheries and Aquatic Sciences* 75:106–115.
22. Peoples, B.P., **S.R. Midway**, J.T. Deweber, and T. Wagner. **2018**. Catchment scale determinants of nonindigenous minnow richness in the eastern United States. *Ecology of Freshwater Fishes*. 27:138–145.

2017

21. **Midway, S.R.**, C. Hasler, T. Wagner, and C.D. Suski. **2017**. Predation of freshwater fish in elevated carbon dioxide environments. *Marine & Freshwater Research*. 68:1585–1592.
20. Wagner, T. J.B. Whittier, J.T. DeWeber, **S.R. Midway**, and C.P. Paukert. **2017**. Annual changes in seasonal river water temperatures in the eastern and southwest United States. *Water* 9(90). doi:10.3390/w9020090

2016

19. Peoples, B.P., **S.R. Midway**, D. Sackett, A. Lynch, and P.B. Cooney. **2016**. Twitter use predicts citation rates of ecological research. *PLoS ONE* 11(11): e0166570. doi:10.1371/journal.pone.0166570
18. Grieshaber, C.A., **S.R. Midway**, F.S. Scharf, H. Koopman, A. Luckenbach, and M. Middleton. **2016**. Seasonal physiological dynamics of maturing southern flounder, (*Paralichthys lethostigma*). *Conservation Physiology* 4(1).
17. Hasler, C.T., **S.R. Midway**, J.D. Jeffrey, J. Tix, C. Sullivan, and C.D. Suski. **2016**. Exposure to elevated $p\text{CO}_2$ alters diel movement patterns of largemouth bass over short time scales. *Freshwater Biology* 61, 1590–1600.
16. **Midway, S.R.**, T. Wagner, B. Irwin, J. Zydlewski, and C. Paukert. **2016**. Transboundary Fisheries Science: Meeting the Challenges of Inland Fisheries Management in the 21st Century. *Fisheries* 41:536–546.
15. Wagner, T., **S.R. Midway**, T. Vidal, and B.J. Irwin. **2016**. Detecting unusual temporal patterns in fisheries time series data. *Transactions of the American Fisheries Society* 145:786–794.

2015

14. **Midway, S.R.**, and T. Wagner. **2015**. The first description of oarfish *Regalecus russelii* (Regalecidae) ageing structures. *Journal of Applied Ichthyology* 2015:1–4.
13. **Midway, S.R.**, Wagner, T., Arnott, S., Biondo, P., Martinez-Andrade, F., and T. Wentworth. **2015**. Spatial and temporal variability in growth of southern flounder *Paralichthys lethostigma*. *Fisheries Research*: 167:323–332.
12. Harden, L.A., **S.R. Midway**, and A.S. Williard. **2015**. The blood biochemistry of overwintering diamondback terrapins (*Malaclemys terrapin*). *Journal of Experimental Marine Biology and Ecology* 466:34–41.

2014

11. Wagner, T. and **S.R. Midway**. **2014**. Modeling spatially-varying landscape change points in species occurrence thresholds. *Ecosphere* 5(11):145.
10. **Midway, S.R.**, T. Wagner, B. Tracy, G. Hogue, and W. Starnes. **2014**. Evaluating changes in stream fish species richness over a 50-year time-period within a landscape context. *Environmental Biology of Fishes* 98:1295–1309.
9. **Midway, S.R.**, S.X. Cadrin, and F.S. Scharf. **2014**. Southern flounder (*Paralichthys lethostigma*) stock structure inferred from otolith shape analysis. *Fishery Bulletin* 112:326–338.
8. **Midway, S.R.**, B. Tracy, T. Wagner, W. Starnes, and G. Hogue. **2014**. A hierarchical community occurrence model for North Carolina stream fish. *Transactions of the American Fisheries Society* 143:1348–1357

2013

7. **Midway, S.R.**, J.W. White, W.A. Roumillat, C. Batsavage, and F.S. Scharf. **2013**. Improving macroscopic maturity determination in a pre-spawning flatfish through predictive modeling and whole mount methods. *Fisheries Research* 147:359–369.
6. Claussen, J.E., P.B. Cooney, J.D. Defilippi, S.G. Fox, S.M. Glaser, E. Hawkes, C. Hutt, M.H. Jones, I.M. Kemp, A. Lerner, **S.R. Midway**, S. Nesbit, J. Osborne-Gowey, R. Roberts, and C. Steward. **2013**. Science communication in a digital age: Social media and the American Fisheries Society. *Fisheries* 38(8):359–362.

2012

5. **Midway, S.R.** and F.S. Scharf. **2012**. Histological analysis reveals larger size at maturity for southern flounder *Paralichthys lethostigma* with implications for biological reference points. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 4:628–638.
4. Dobbins, D.A., **S.R. Midway**, E.H. Leone, and R.L. Cailteux. **2012**. Long term impacts on native ictalurids by introduced flathead catfish in the Choctawhatchee River, Florida. *Fisheries Management and Ecology* 19:434–440.

2011

3. **Midway, S.R.** and A.M.C. Hodge. **2011**. Carlquist revisited: history, success and applicability of a natural history model. *Biology and Philosophy* 27:497–520.

2010

2. **Midway, S.R.**, D.D. Aday, T.J Kwak, and K. Gross. **2010**. Cover preference of the Carolina madtom (*Noturus furiosus*), an imperiled, endemic southeastern stream fish. *Journal of Freshwater Ecology* 25:151–154.
1. **Midway, S.R.**, T.J. Kwak, and D.D. Aday. **2010**. Habitat suitability of the Carolina madtom, and imperiled, endemic stream fish. *Transactions of the American Fisheries Society* 139:325–338.
★ *AFS Journals Top 10 Article 2010*

• Books

2. **Midway, S.R.**, C.T. Hasler, and P. Chakrabarty (Editors). Expected 2020. *Methods for Fish Biology, 2nd Edition*. American Fisheries Society, Bethesda, MD, USA.
1. Dohrenburg, A. 2012. *Leafmeal*. Mad Dog Press. **S.R. Midway** (Editor).

• Technical

3. Caffey, R., J. Isaacs, J. Adriance, **S.R. Midway**, H. Blanchet, M. Tabarestani, C. Winslow, and D. Smith. **2020**. Public Preferences for Spotted Seatrout Management in Louisiana. Louisiana Wildlife and Fisheries Commission.
Odell, J., D.H. Adams, B. Boutin, W. Collier II, A. Deary, L.N. Havel, J.A. Johnson Jr., **S.R. Midway**, J. Murray, K. Smith, K. M. Wilke, and M. W. Yuen. **2017**. Atlantic Sciaenid Habitats: A Review of Utilization, Threats, and Recommendations for Conservation, Management, and Research. Atlantic States Marine Fisheries Commission Habitat Management Series No. 14, Arlington, VA.
2. Ahrens, R., K. Boswell, J. Cowan, **S.R. Midway**, D. Portnoy, W. Patterson, and D. Wells. **2017**. Design of a Multidisciplinary Study to Estimate Red Snapper Population Size, Population Connectivity, and Mortality Rates in the US Gulf of Mexico.
1. **Midway, S.R.** **2014**. Fishery Management Plan for Jonah Crab, Draft. Washington (DC): Atlantic States Marine Fisheries Commission.

• Popular

5. Cooney, P., Davis, J., Hayer, C.-A., and **S.R. Midway**. **2014**. Q & A: The 2014 Emerging Leaders. *Fisheries* 39(7):312–315.
4. **Midway, S.R.**, and P. Cooney. **2013**. Guest Director’s Line—Membership and communication: The dual benefits of social media for AFS. *Fisheries* 38(8):382–383.
3. **Midway, S.R.** **2012**. Filth, flows, and family: pressures mount on a rare stream catfish. *Fisheries* 37(7):320–321.
★ *AFS Student Writing Contest Honorable Mention*
2. **Midway, S.R.**, P. Cooney, and D. Sackett, co-founders and weekly bloggers. **2011–present**. *The Fisheries Blog*. [<http://www.thefisheriesblog.com>; since 2012 >1 million site visits]
1. **Midway, S.R.** **2010**. 11 science lessons—from war. *The Scientist*, April 12, 2010.

GRANTS (Totalling ~\$2 Million)

- 2020 National Science Foundation:** Scale, Space, and Time: A Unifying Approach to Aquatic Invasions (Lead PI; \$731,000, LSU portion \$263,000)
- 2020 National Science Foundation:** MRI: Acquisition of an inductively coupled plasma triple quadrupole mass spectrometer instrument for southeast Louisiana (Co-PI; \$0)
- 2019 Louisiana Sea Grant:** Recovery of Louisiana's Iconic Shellfish: Diagnosis and Evaluation of White Spot Syndrome Virus Disease in Crawfish (Co-PI; \$112,210)
- 2019 Environmental Defense Fund:** Using innovative technology solutions to improve data collection in Louisiana's recreational red snapper fishery (Lead PI; \$10,000)
- 2019 Louisiana Fisheries Forward:** Bycatch in the Black Drum and Sheepshead Fisheries (Lead PI; \$72,343)
- 2019 Louisiana Fisheries Forward:** Spatial Characteristics of the Black Drum and Sheepshead Fisheries (Lead PI; \$14,283)
- 2019 Louisiana Board of Regents:** Macroscale patterns of CO₂ in US Flowing Waters (Lead PI; \$138,397)
- 2018 Louisiana Sea Grant:** Microplastics in Mississippi River Fishes: A Watershed Approach (Lead PI; \$78,978)
- 2018 Louisiana Department of Wildlife and Fisheries:** Analysis of Catch Statistics from Mobile Reporting (Lead PI; \$114,070)
- 2017 Louisiana Department of Wildlife and Fisheries:** Novel Detection Method for the Imperiled Frecklebelly Madtom in the Pearl River Basin (Lead PI; \$13,888)
- 2017 Louisiana Sea Grant:** Development of a Sustainable Southern Flounder Fishery in Louisiana (Lead PI; \$208,460)
- 2017 Louisiana State University:** Internationalization Grants: Fisheries Reporting in Tanzania (Lead PI; \$3,000)
- 2017 Environmental Defense Fund:** Development of Recreational Fishing Reporting Tools (Lead PI; \$70,000)
- 2017 Louisiana State University Emerging Research:** Poverty Traps in Coastal Tanzania: Exploring the Mangrove–Fish Connection (Lead PI; \$9,116)
- 2016 Mississippi-Alabama Sea Grant:** Design of a multidisciplinary study to estimate red snapper population size, population connectivity, and mortality rates in the US Gulf of Mexico (Co-PI; \$96,112)
- 2015 National Science Foundation:** Poverty traps and mangrove ecosystem services in coastal Tanzania (Collaborator; \$500,000, LSU portion \$249,974)
- 2014 Foundation for Pennsylvania watersheds:** Exploring watershed health, significance, and sustainability with a K–5 audience. (Co-PI; \$1,500)
- 2012 North Carolina Sea Grant:** Development of an accurate and non-lethal tool to assess maturity of North Carolina southern flounder. (Co-lead with F.S. Scharf; \$4,700)

Manuscripts Reviewed For

Transactions of the American Fisheries Society (Features Editor and Associate Editor); *Gulf and Caribbean Research* (Associate Editor); *American Fisheries Society* (book chapter); *Ecological Applications*; *Estuaries and Coasts*; *Marine and Coastal Fisheries*; *Bulletin of Marine Science*; *North American Journal of Fisheries Management*; *Journal of Freshwater Ecology*; *Journal of Applied Ichthyology*; *Southeastern Naturalist*; *Journal of Great Lakes Research*; *USGS Fundamental Science Practices*; *Fisheries Research*; *Journal of Experimental Marine Biology and Ecology*; *The Journal of Fish and Wildlife Management*

WORKSHOPS LED

- 2020 Effective Peer-Review (AFS Southern Division)
- 2018 An Introduction to R (University of Illinois)
- 2018 An Introduction to R (Louisiana State University)
- 2016 Bayesian Hierarchical Models in Fisheries Ecology (Virginia Institute of Marine Science; Co-leading with T. Wagner)
- 2015 Bayesian Hierarchical Models in Fisheries Ecology (University of Missouri; Co-leading with T. Wagner)
- 2015 Bayesian Hierarchical Models in Fisheries Ecology (The Ohio State University; Co-leading with T. Wagner)
- 2013 An Introduction to Bayesian Estimation and Inference Using JAGS (The Pennsylvania State University, Assisted for T. Wagner and C. Stowe)

AWARDS and HONORS

- 2020 Tiger Athletic Foundation Undergraduate Teaching Award
- 2019 Rising Faculty Research Award, LSU Alumni Association
- 2019 Joseph Lipsey, Jr. & Richard A. Lipsey Excellence in Teaching Award, LSU College of the Coast Environment
- 2019 Pre-Tenure Award, LSU Chapter Phi Kappa Phi
- 2018 Outstanding Young Alumni Award, NC State University, College of Agriculture and Life Sciences
- 2018 Dean's Outstanding Service Award, LSU CCE
- 2017 LA DIA Fellows Program, Louisiana Sea Grant
- 2015 AFS Excellence in Public Outreach Award
- 2014 AFS Emerging Leaders Program
- 2012 Eileen Setzler-Hamilton Memorial Scholarship
- 2011 Carl L. Sullivan International Travel Grant
- 2011 UNCW Graduate School Travel Award
- 2011 Got-Em-On Live Bait Club Scholarship
- 2011 NC Coastal Conservation Association Scholarship
- 2010 AFS Catfish 2010 Student Travel Award *Honorable Mention*
- 2010 Got-Em-On Live Bait Club Scholarship
- 2010 UNCW Graduate School Travel Award
- 2010 UNCW Graduate School Travel Award
- 2009 Got-Em-On Live Bait Club Scholarship
- 2008 American Fisheries Society Skinner Award *Honorable Mention*
- 2008 North Carolina AFS Student Travel Award Winner
- 2005 Wildlife and Fisheries Biology Achievement Award
- 2005 Lola Aiken Award in Natural Resources
- 2004–2005 Mortar Board Honors Society, Akraia Chapter
- 2004–2005 Jephson Scholarship
- 2004 Dean's Junior Book Award
- 2001–2005 Presidential Scholarship
- 2001–2005 Dean's List, every undergraduate semester
- 2001 Lola Aiken Scholar

PROFESSIONAL MEMBERSHIPS

2007–present	American Fisheries Society (AFS) <i>Southern Division</i> <i>Education Section</i> <i>Marine Fisheries Section</i> (2010–present) <i>International Fisheries Section</i> (2011–present)
2016–Present	<i>Louisiana Chapter AFS</i>
2013–2014	<i>Pennsylvania Chapter AFS</i>
2011–2014	Fisheries Society of the British Isles (FSBI)
2011	Florida Academy of Sciences
2009–2012	<i>Tidewater Chapter AFS</i>
2009–2012	<i>UNCW Subunit AFS</i> ; 2010 President
2007–2013	<i>North Carolina Chapter AFS</i>
2007–2009	<i>NCSU Subunit AFS</i> ; 2008 President
2007–2008	North Carolina Association of Environmental Professionals (NCAEP)
2007–2008	Monocacy Creek Watershed Association
2003–2008	Diver’s Alert Network (DAN)

CERTIFICATIONS/SKILLS

- U.S. Department of the Interior Motorboat Operator’s Certification (MOC)
- Statistical Environments: R, BUGS, JAGS, JMP, Statcrunch, STATA
- Quantitative tools: Hierarchical modeling, Bayesian estimation (WinBUGS/JAGS), general linear models, generalized linear models, mixed models and random effects, multivariate techniques, process-based modeling
- \LaTeX
- NAUI scuba diver (certified 11/2003)
- Freshwater and marine habitat sampling/surveying techniques
- Fisheries sampling techniques (electrofishing, gillnet, trapnet, etc.)
- Histological techniques (embedding, sectioning, staging, etc.)

SERVICE

- 2018–Present **Southern Division Representative**
AFS Marine Fisheries Section
- 2018–Present **Affiliate Member**
South Central Climate Adaptation Science Center
- 2018–Present **Features Editor**
Transactions of the American Fisheries Society
- 2018–Present **Member**
American Fisheries Society, Publications Oversight Committee
- 2018–Present **Southern Division Representative**
American Fisheries Society, Marine Fisheries Section
- 2018–Present **Member**
American Fisheries Society, 5-year Strategic Review Committee
- 2017–Present **Member**
Sediment Diversion Operations Working Group
- 2017–Present **Mentor**
St. Joseph's Academy Science Fair
- 2016–Present **Department of Oceanography**
Curriculum Committee
Search Committee ×3 (Co-chair)
Website Subcommittee
- 2016–Present **Steering Committee Member**
LSU Fisheries Certificate Program
- 2016–Present **Member**
Southern Flounder Stock Assessment Working Group
- 2016–Present **Associate Editor**
Gulf and Caribbean Research
- 2015–2018 **Associate Editor**
Transactions of the American Fisheries Society
- 2015–2017 **Deputy Director**
International Fisheries Section Fellow Award
- 2014–2015 **Emerging Leaders Program**
American Fisheries Society; Mentor: Donna Parrish, AFS President
- 2010–2011 **President**
American Fisheries Society UNCW Subunit
- 2010–2013 **DIS Instructor, University of North Carolina Wilmington**
Casey Grieshaber, 2011–2013, Souther flounder physiology
Meagan Davis, 2010–2012, Southern flounder ovary development
★ 2011 Paul E. Hosier Fellowship Award Winner
James White, 2010, Fisheries lab and field methods
- 2008 **President, American Fisheries Society NCSU Subunit**
Organized, participated and administrated all subunit activities, including state and local outreach, coordination of monthly meetings, and representation at state, regional and national conferences.
★ Awarded Best Subunit, 2008 Southern Division AFS

TEACHING EXPERIENCE

- 2016–Present** **Assistant Professor, Louisiana State University**
Techniques of Research Communication; Fall 2020
Time Series Models in Ecology; Seminar, Spring 2020
Advanced Topics in Fisheries Science; Seminar, Spring 2016, Fall 2018
Marine Science Data Analysis in R; Lecture, Spring 2017, Spring 2019, Spring 2020, Spring 2021
Marine Science Data Analysis in R; Lab, Spring 2019, Spring 2020, Spring 2021
Introduction of Oceanographic Methods; Lecture/Lab, Fall 2017
Bayesian Hierarchical Models in Ecology; Lecture, Spring 2018, Fall 2019
Concept Mapping in Ecology; Seminar, Spring 2018
Fish Ecology; Lecture, Fall 2018
Undergraduate Independent Study; Fall 2019
- 2014–2015** **Assistant Professor, Coastal Carolina University**
Ecology (BIOL 370); Lecture, Taught 1 time
Fish Ecology (BIOL 426); Lecture and Lab, Taught 2 times
Biological Science II (BIOL 122); Lab, Taught 3 times
- 2010–2012** **Teaching Assistant, University of North Carolina Wilmington**
Marine Biology (BIO 362); 2 lab sections
Genetics (BIO 335); 2 lab sections
- 2006** **Marine Science Instructor, Catalina Island Marine Institute**
Marine Science Instructor for oceanography and related subjects to groups of middle and high school-aged students with emphasis on fieldwork and utilizing the resources and ecosystems on and near Santa Catalina Island, CA
- 2005, 2006** **Oceanography Instructor, Johns Hopkins University CTY Summer Programs**
Courses covered physical oceanography through biology and conservation principles with considerable fieldwork; Students K–12
- 2005** **Instructor, The Rubenstein School, UVM**
Co-taught with Dr. Larry Forcier the Honors Seminar course (NR199) “Does Science Really Matter in Environmental Decision Making?”

Guest Lectures

- 2020** **What is Fisheries Ecology?**
Course Instructor: Dr. Jenn Brum, Louisiana State University.
- 2019** **What is Fisheries Ecology?**
Course Instructor: Dr. Jenn Brum, Louisiana State University.
- 2018** **Fisheries Science in the Gulf of Mexico**
Course Instructors: Drs. Sibel Bargu and John White, Louisiana State University.
- 2018** **What is Fisheries Ecology?**
Course Instructor: Dr. Sibel Bargu, Louisiana State University.
- 2017** **What is Fisheries Ecology?**
Course Instructor: Dr. Sibel Bargu, Louisiana State University.
- 2016** **Fisheries Science in the Gulf of Mexico**
Course Instructors: Drs. Sibel Bargu and John White, Louisiana State University.
- 2016** **Fish taxonomy and Evolution**
Course Instructor: Dr. Mike Polito, Louisiana State University.
- 2014** **Fisheries Management. Topic: Where Science Meets Management.**
Course Instructor: Dr. Paola Ferreri, Pennsylvania State University.
- 2014** **Quantitative Methods in Ecology. Topic: Introduction to R.**
Course Instructor: Dr. Ty Wagner (USGS), Pennsylvania State University.
- 2013** **Fisheries Management. Topic: Where Science Meets Management.**
Course Instructor: Dr. Paola Ferreri, Pennsylvania State University.
- 2012** **Fisheries Ecology. Topic: Reproductive Biology.**
Course Instructor: Dr. Fred Scharf, University of North Carolina Wilmington.
- 2011** **Fisheries Ecology. Topic: Reproductive Biology.**
Course Instructor: Dr. Fred Scharf, University of North Carolina Wilmington.
- 2010** **Fisheries Ecology. Topic: Reproductive Biology.**
Course Instructor: Dr. Fred Scharf, University of North Carolina Wilmington.

Students

- Advisor: Shane Flinn (MS, 2016–2018); Matthew Robertson (MS, 2016–2018); Lucas Pensinger (MS, 2017–2019); Ahmed Gad (MS, 2018–2020); Kenneth Erickson (MS, 2018–2020); David Smith (MS, 2018–2020); Haley Gambill (MS, 2020–present); Lyric Buxton (MS, 2021–present)
- Committee Member: Lily Thompson (PhD, Clemson University); Stephen Potts (PhD); Erin Thayer (PhD); Elizabeth Keller (PhD); Mario Hernandez (PhD); Sarah Margolis (MS); Jeanne Bloomberg (MS); Leah Forsyth (MS); Katelyn Lamb (MS)

PRESENTATIONS

- Oral and Poster

2020

106. Haukebo, S., **S.R. Midway**, J. Adriance, R. Caffey, and P. Banks. **2020**. Mind the Gap: Willingness and Actions of Anglers to Self-Report Catch. American Fisheries Society Annual Meeting, Virtual.
105. Lynch, A.J., plus 13 co-authors (including **S.R. Midway**). **2020**. The U.S. Inland Creel and Angler Survey Catalog (CreelCat): Development, Applications and Opportunities. American Fisheries Society Annual Meeting, Virtual.
104. **Midway, S.R.** **2020**. Trends in Global Shark Attacks. LUMCON. Summer seminar series.
103. **Midway, S.R.** **2020**. Principles and Practice of Effective figures. U.S. Fish and Wildlife Service. Monthly seminar series
102. Erickson, K.A., **S.R. Midway**, and J. West. **2020**. Southern flounder declines in the Gulf of Mexico and Atlantic Ocean. Southern Division of the American Fisheries Society. Little Rock, AR.
★ *1st place, Best Student Oral Presentation*
101. Smith, D., **S.R. Midway**, J. Isaacs, J. Penn, and R. Caffey. **2020**. Characterizing Values and Preferences for Increased Regulation: A Survey of Coastal Louisiana Anglers. AFS Southern Division Annual Meeting, Little Rock, Arkansas.
100. Gad, A., K. Toner, M. Benfield, and **S.R. Midway**. **2020**. Microplastics in Mississippi River Fishes. AFS Southern Division Annual Meeting, Little Rock, AR.
99. Schuster, J., and **S.R. Midway**. **2020**. Evaluating Ovarian Wall Thickness as an Indicator of Lifetime Maturity in Fishes. AFS Southern Division Annual Meeting, Little Rock, AR. [poster]
98. **Midway, S.R.** and M.D. Kaller. **2020**. In Search of the Frecklebelly Madtom. Presentation to Louisiana Department of Wildlife and Fisheries.
97. **Midway, S.R.** and K.A. Erickson. **2020**. Black Drum and Sheepshead: Biology and Fishery in Louisiana. Louisiana Fisheries Forward Summit

2019

96. Pensinger, L.G., **S.R. Midway**, M.J. Polito, S. Flinn, and A. Ostrowski. **2019**. Trophic Niche and Life History of Hardhead Catfish in the Northern Gulf of Mexico. The 25th Biennial CERF Conference. Mobile, Alabama.
95. Toner, K., M. Benfield, A. Gad, and **S.R. Midway**. **2019**. Microplastics in Mississippi River Fishes. The 25th Biennial CERF Conference. Mobile, Alabama. [poster]
94. Hernandez, M. R. Brasso, **S.R. Midway**, and M. Polito.. **2019**. Trophic structure and mercury biomagnification in a coastal Tanzanian seagrass fish community. The 25th Biennial CERF Conference. Mobile, Alabama.
93. Gad, A., K. Toner, M. Benfield, and **S.R. Midway**. **2019**. Microplastics in Mississippi River Fishes. The 25th Biennial CERF Conference. Mobile, Alabama.
92. Gad, A., K. Toner, M. Benfield, and **S.R. Midway**. **2019**. Microplastics in Mississippi River Fishes. LSU 6th International Research Fair. Baton Rouge, Louisiana. [poster]

91. **Midway, S.R.. 2019.** A Short (Life) History of Southern Flounder. Department of Biological Sciences, Louisiana State University. [INVITED PRESENTATION]
90. Peoples, B.K., L. Stoczynski, A.J.S. Davis, **S.R. Midway**, and J. Olden. **2019.** Landscape-scale drivers of fish faunal homogenization and differentiation in the eastern United States. American Fisheries Society Annual Meeting. Reno, Nevada.
89. 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. Reno, Nevada.
88. Gad, A., K. Toner, M. Benfield, and **S.R. Midway.** **2019.** Microplastics in Mississippi River Fishes. American Fisheries Society Annual Meeting. Reno, Nevada.
87. Erickson, K.A. and **S.R. Midway.** **2019.** Life history of southern flounder (*Paralichthys lethostigma*) in Louisiana waters. American Fisheries Society Annual Meeting. Reno, Nevada. [poster]
86. Smith, D., **S.R. Midway**, J. Isaacs, R. Caffey. **2019.** Trends in Southern Flounder Harvest in Louisiana. American Fisheries Society Annual Meeting. Reno, Nevada. [poster]
85. **Midway, S.R.,** T. Wagner, and G. Burgess. **2019.** Trends in Global Shark Attacks. Louisiana Chapter of The American Fisheries Society Annual Meeting. Thibodaux, LA.
84. Gad, A., K. Toner, M. Benfield, and **S.R. Midway.** **2019.** Microplastics in Mississippi River Fishes. Louisiana Chapter of The American Fisheries Society Annual Meeting. Thibodaux, LA. [poster]
83. Erickson, K.A. and **S.R. Midway.** **2019.** Life history of Southern Flounder (*Paralichthys lethostigma*) in Louisiana waters. Louisiana Chapter of the American Fisheries Society, Thibodaux, LA. [poster]
82. 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, Thibodaux, LA.
81. Smith, D., **S.R. Midway**, J. Isaacs, R. Caffey. **2019.** Trends in Southern Flounder Harvest in Louisiana. Louisiana Chapter of the American Fisheries Society, Thibodaux, LA. [poster]
80. Stouffer, P.C., C.L. Rutt, V. Jirinec, and **S.R. Midway.** 2019. Long-term avifaunal change in undisturbed Amazonian rainforest: pervasive declines and shifting baselines. American Ornithological Society, Anchorage, Alaska.
79. **Midway, S.R. 2019.** Fisheries Science at LSU. College of the Coast and Environment. [INVITED PRESENTATION]
78. Smith, D., K.A. Erickson, **S.R. Midway**, J. Isaacs. **2019.** Characterizing the southern flounder fishery in Louisiana. AFS Southern Division Annual Meeting, Galveston, TX. [poster]
77. Gad, A., K. Toner, M. Benfield, **S.R. Midway.** **2019.** Microplastics in Mississippi River Fishes: A Watershed Approach. AFS Southern Division Annual Meeting, Galveston, TX. [poster]
76. Pensinger, L.G., **S.R. Midway**, S. Flinn, A. Ostrowski. **2019.** Life History of Marine Catfishes In The Northern Gulf Of Mexico. AFS Southern Division Annual Meeting, Galveston, TX.

2018

75. **Midway, S.R.. 2018.** A Short (Life) History of Southern Flounder. University of Illinois. [INVITED PRESENTATION]
74. **Midway, S.R. 2018.** My NC State Experience: Reflections on Team Science. North Carolina State University. [INVITED PRESENTATION]
73. Rohli, R.V., S.A. Ates, V.H. Rivera-Monroy, M.J. Polito, **S.R. Midway**, E. Castaneda-Moya, A.J. Gold, E. Uchida, M.M. Mangora, and S. Makoto. **2018.** Spatial and Seasonal Climatic Variation in Coastal Tanzania. Southwest Division of the American Association of Geographers
72. White, J.R., N. Basu, E.D. Roy, S. Bargu, and **S.R. Midway. 2018.** Impact of a Temporally-Displaced Mississippi River Spring Flood on Nutrient and Aquatic Ecosystem Responses in Estuarine Waters: A Hydrologic Harbinger of a Shifting Climatic Future Affecting Coastal Food Webs. American Geophysical Union.
71. Peoples, B., and **S.R. Midway. 2018.** Fishing Pressure and Species Traits Drive Stream Fish Invasions in the Eastern United States. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ.
70. Hernandez, M., **S.R. Midway**, and M.J. Polito. **2018.** Stable Isotopes Track the Ontogenetic Movement of Three Commercially Important Tanzanian Fish. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ.
69. Hernandez, M., Robertson, M.D., **S.R. Midway**, and M.J. Polito. **2018.** Take a Look, It's in a Book: What an FAO Field Guide Tells Us about Habitat-Use By Fishes in Coastal Tanzania. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ. [poster]
68. Robertson, M.D., and **S.R. Midway. 2018.** Coastal Seascape Ecology Describes the Characteristics of Fishing Communities in Tanzania. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ.
67. Flinn, S., and **S.R. Midway. 2018.** Environmental Drivers of Sciaenid Growth in the Western Gulf of Mexico. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ.
66. Bowker, J., J. Simpsons, and **S.R. Midway. 2018.** American Fisheries Society Strategic Planning Committee Survey Results Summer 2018. 148th Annual Meeting of the American Fisheries Society. Atlantic City, NJ. [INVITED PRESENTATION]
65. Robertson, M.D., **S.R. Midway**, L. West, H. Tillya, and V.H. Rivera-Monroy. **2018.** Importance of the BMU Data. Poverty traps and mangrove ecosystem services in coastal Tanzania: Research Dissemination Workshop. Pangani, Tanzania.
64. Flinn, S., and **S.R. Midway. 2018.** A Multi-Model Evaluation of Sciaenid Growth in the Gulf of Mexico. Louisiana Chapter AFS Annual Meeting. Baton Rouge, LA
★ *2nd place, Best Student Presentation*
63. **Midway, S.R. 2018.** Trends in Global Shark Attacks. Louisiana State University, College of Coast and the Environment.
62. **Midway, S.R. 2018.** Development of a Sustainable Southern Flounder Fishery in Louisiana. Louisiana Sea Grant Marine Extension Program Meeting
61. Rutt, C., **S.R. Midway**, V. Jirinec, and P.C. Stouffer. **2018.** Examining the microclimate hypothesis in Neotropical birds: Indirect tests of the 'visual constraints' hypothesis. American Ornithological Society, Tucson, AZ.

60. Robertson, M.D., and **S.R. Midway**. **2018**. Data-Poor Subsistence Fisheries in Two Distinct Regions on the Tanzanian Coast: Specializations Drive Variability. AFS Southern Division Annual Meeting, San Juan, Puerto Rico.
59. Flinn, S., and **S.R. Midway**. **2018**. A Multi-Model Evaluation of Sciaenid Growth in the Gulf of Mexico. AFS Southern Division Annual Meeting, San Juan, Puerto Rico.

2017

58. Robertson, M.D., and **S.R. Midway**. **2017**. Hypothesized mangrove-fisheries relationships in Coastal Tanzania. Coastal Estuarine Research Federation 24th Biennial Conference [poster]
57. Hernandez, M., **S.R. Midway**, and M.J. Polito. **2017**. Stable Isotopes Track the Ontogenetic Movement of Three Commercially Important Fish in Coastal Tanzania. Coastal Estuarine Research Federation 24th Biennial Conference [poster]
★ *2nd place, Best Graduate Student Poster*
56. **Midway, S.R.**. **2017**. A Short (Life) History of Southern Flounder. Auburn University. [INVITED PRESENTATION]
55. Uchida, E., V.H. Rivera-Monroy, M.M. Mangora, E. Castaneda, A. Gold, T. Guilfoos, R. Lokina, **S.R. Midway**, C. McNally, M.J. Polito; R.V. Rohli, E. Torell, H. Uchida, L. West, M. Wongsirikajorn. **2017** Vulnerability of the coupled human-ecological systems: Can mangrove ecosystem services strengthen resiliency of rural coastal communities? American Geophysical Union. [poster]
54. Hernandez, M., L. West, **S.R. Midway**, and M.J. Polito. **2017**. Do Mangroves Subsidize Carbon to Adjacent Mudflat Fish Communities? American Geophysical Union. [poster]
53. **S.R. Midway**. **2017**. Transboundary Fisheries Science: Meeting the Challenges of Landscape and Seascape Analyses. LSU Aquaculture and Fisheries Club. [INVITED PRESENTATION]
52. **S.R. Midway**. **2017**. Transboundary Fisheries Science: Meeting the Challenges of Landscape and Seascape Analyses. The Water Institute of the Gulf. [INVITED PRESENTATION]
51. **Midway, S.R.**, and B.K. Peoples. **2017**. Determinants of Establishment Success and Spread of Non-Native Stream Fishes in the Eastern US. 147th Annual Meeting of the American Fisheries Society. Tampa Bay, FL.
50. Robertson, M.D., and **S.R. Midway**. **2017**. Hypothesized mangrove-fisheries relationships in coastal Tanzania. Coastal and Estuarine Research Federation 24th Biennial Conference. Providence, Rhode Island. [Poster]
49. Noring, A.M, G.G. Sass, **S.R. Midway**, J.A. VanDeHey, J.K. Raabe, D.A. Isermann, J.M. Kampa, T.P. Parks, J.Lyons, M.J. Jennings, G.J.A. Hansen, and T. Wagner. **2017** Effects of Cisco on Walleye Growth Trajectories in Northern Wisconsin Lakes. International Coregonid Symposium. Bayfield, WI.Ê
48. E. Uchida, V.H. Rivera-Monroy, M.M. Mangora, E. Castaneda, A. Gold, T. Guilfoos, R. Lokina, **S.R. Midway**, C. McNally, M.J. Polito; R.V. Rohli, E. Torell, H. Uchida, L. West, M. Wongsirikajorn. **2017**. Vulnerability of the coupled human-ecological systems: Can mangrove ecosystem services strengthen resiliency of rural coastal communities? Association of American Geographers Annual Meeting. Boston, MA.

47. Robertson, M.D., and **S.R. Midway**. **2017**. Hypothesized mangrove-fisheries relationships in coastal Tanzania. Coastal and Estuarine Research Federation 24th Biennial Conference. Providence, Rhode Island. [Poster]
46. Flinn, S. **S.R. Midway**, B. Malbrough, L. Dey, and M.D. Robertson. **2017**. Age and Growth of Louisiana Marine Catfishes. Louisiana Chapter AFS. Thibidoux, LA. [Poster]
45. **Midway, S.R.**, B.K. Peoples, J.T. Deweber, and T. Wagner. **2017**. Watershed scale determinants of nonindigenous minnow richness in the eastern United States. Southern Division of the American Fisheries Society. Oklahoma City, OK.
44. **S.R. Midway**. **2017**. Transboundary Fisheries Science: Meeting the Challenges of Landscape and Seascape Analyses. Clemson University. [INVITED PRESENTATION]
43. Hasler, C.T., **S.R. Midway**, J.D. Jeffrey, J.A. Tix, and C.D. Suski. **2017**. Post-release behaviors of largemouth bass following exposure to elevated carbon dioxide. Society for Integrative and Comparative Biology Annual meeting. Portland, OR, USA.

2016

42. **Midway, S.R.**, B.K. Peoples, J.T. Deweber, and T. Wagner. **2016**. Watershed scale determinants of nonindigenous minnow richness in the eastern United States. 146th Annual Meeting of the American Fisheries Society. Kansas City, MO.
41. Peoples, B.K., **S.R. Midway**, D. Sackett, A. Lynch, and P.B. Cooney. **2016**. Should You (or your journal) be Tweeting about Your Research? A Quantitative Analysis. 146th Annual Meeting of the American Fisheries Society. Kansas City, MO.
40. Schneider, E., C.T. Hasler, **S.R. Midway**, and C.D. Suski. **2016**. Effectiveness of carbon dioxide fish barriers in flowing water. 146th Annual Meeting of the American Fisheries Society. Kansas City, MO.
39. **S.R. Midway**. **2016**. Ecological Statistics: What Software R You Using? LSU Student Wetland Society. [INVITED PRESENTATION]
38. Hasler, C.T., **S.R. Midway**, J.A. Tix, J.D. Jeffrey, and C.D. Suski. **2016**. Exposure to elevated CO₂ alters diel movement patterns of largemouth bass over short time scales. 146th Annual Meeting of the American Fisheries Society. Kansas City, MO.
37. **S.R. Midway**, C.T. Hasler, and C.D. Suski. **2016**. Predation of freshwater fish in elevated carbon dioxide environments. 146th Annual Meeting of the American Fisheries Society. Kansas City, MO. [poster]
36. **S.R. Midway**. **2016**. Transboundary Fisheries Science: Meeting the Challenges of Landscape and Seascape Analyses. University of Southern Mississippi, Gulf Coast Research Lab. [INVITED PRESENTATION]

2015

35. **Midway, S.R.**, P.B Cooney, A.J. Lynch, D.K. Sackett, and B. Peoples. **2015**. The Fisheries Blog: A Lesson in Engaging People with Fisheries Science. 145th Annual Meeting of the American Fisheries Society. Portland, OR. [INVITED PRESENTATION]

2014

34. Scharf, F.S., D.A. Anderson, C. Martin, and **S.R. Midway, S.R.** **2014**. Effects of variation in settlement and first-year processes on productivity of red drum at northern distributional limits. 144nd Annual Meeting of the American Fisheries Society. Quebec City, Canada.

33. **Midway, S.R. 2014.** American Fisheries Society content review: How do other societies do content? 144nd Annual Meeting of the American Fisheries Society. Quebec City, Canada. [INVITED PRESENTATION]
32. **Midway, S.R.,** T. Wagner, S. Arnott, P. Biondo, F. Martinez-Andrade, and T. Wentworth. 2014. Spatial and temporal variability in growth of southern flounder *Paralichthys lethostigma*. 144nd Annual Meeting of the American Fisheries Society. Quebec City, Canada. [poster]
31. Cooney, P., **S.R. Midway,** B. Peoples, and D. Sackett. 2014. The Fisheries Blog: Communicating Fisheries Science To An Internet Audience. Washington-British Columbia Chapter of the American Fisheries Society. Vancouver, WA. [INVITED PRESENTATION]
30. **Midway, S.R.,** B. Tracy, T. Wagner, W. Starnes, and G. Hogue. 2014. A hierarchical community occurrence model for North Carolina stream fish. Southern Division of the American Fisheries Society. Charleston, SC.
29. **Midway, S.R.,** W. Starnes, G. Hogue, T. Wagner, and B. Tracy. 2014. Evaluating changes in stream fish species richness over a 50-year time-period within a landscape context. Southern Division of the American Fisheries Society. Charleston, SC.
28. Cooney, P., **S.R. Midway,** B. Peoples, and D. Sackett. 2014. The Fisheries Blog: Communicating Fisheries Science To An Internet Audience. Southern Division of the American Fisheries Society. Charleston, SC.

2013

27. Cooney, P., **S.R. Midway,** B. Peoples, and D. Sackett. 2013. The Fisheries Blog: Communicating Fisheries Science To An Internet Audience. 143rd Annual Meeting of the American Fisheries Society. Little Rock, AR. [INVITED PRESENTATION]
26. Grieshaber, C., **S.R. Midway,** J.A. Luckenbach, M.A. Middleton, H.N. Koopman, and F.S. Scharf. 2013. Seasonal physiological changes in maturing southern flounder, *Paralichthys lethostigma*. Tidewater Chapter of the American Fisheries Society. Solomons, MD. [poster] ★ 2nd place, Best Student Poster
25. Smith, W.E. and **S.R. Midway.** 2013. A hierarchical model to improve accuracy and account for uncertainty in estimates of size at maturation. Tidewater Chapter of the American Fisheries Society. Solomons, MD. [poster]

2012

24. **Midway, S.R.,** F.S. Scharf, and J.W. White. 2012. Using macroscopic traits to hindcast and predict maturity in southern flounder. 142nd Annual Meeting of the American Fisheries Society. St. Paul, MN.
23. Grieshaber, C., **S.R. Midway,** J.A. Luckenbach, M.A. Middleton, and F.S. Scharf. 2012. Evaluation of an accurate and non-lethal tool to assess maturity of North Carolina southern flounder. 142nd Annual Meeting of the American Fisheries Society. St. Paul, MN. [poster]
22. **Midway, S.R.,** M.M. Davis, and F.S. Scharf. 2012. An evaluation of Southern flounder *Paralichthys lethostigma* stock structure using elliptical Fourier analysis of otoliths. University of North Carolina Wilmington Graduate Poster Symposium. [poster]
21. Davis, M.M, **S.R. Midway,** and F.S. Scharf, 2012. An evaluation of intra-ovary developmental differences in Southern flounder, *Paralichthys lethostigma*, and red porgy, *Pagrus pagrus*. UNCW Honors Poster Symposium. [poster]

20. **Midway, S.R.**, F.S. Scharf, and J.W. White. **2012**. Using macroscopic traits to hindcast and predict maturity in southern flounder. Tidewater Chapter of the American Fisheries Society. Beaufort, North Carolina.
19. **Midway, S.R.**, M.M. Davis, and F.S. Scharf. **2012**. An evaluation of Southern flounder *Paralichthys lethostigma* stock structure using elliptical Fourier analysis of otoliths. Tidewater Chapter of the American Fisheries Society. Beaufort, North Carolina. [poster]
 - ★ *2nd place, Best Student Poster*
18. Grieshaber, C., **S.R. Midway**, J.A. Luckenbach, M.A. Middleton, and F.S. Scharf. **2012**. Evaluation of a non-lethal tool to assess maturity in a marine fish. Tidewater Chapter of the American Fisheries Society. Beaufort, North Carolina. [poster]
17. Cooney, P., **S.R. Midway** and D. Sackett. **2012**. The Fisheries Blog: A Fisheries Forum to Inform and Generate Discussion. North Carolina Chapter of the American Fisheries Society. Raleigh, North Carolina.

2011

16. **Midway, S.R.** and F.S. Scharf. **2011**. Updating Size and Age at Maturity Schedules for Southern Flounder. 141st Annual Meeting of the American Fisheries Society. Seattle, WA.
15. **Midway, S.R.** **2011**. Population ecology of southern flounder in the US south Atlantic. University of North Carolina Wilmington, PhD Prospectus Seminar.
14. **Midway, S.R.** and F.S. Scharf. **2011**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. Early Life History Section of the American Fisheries Society. Wilmington, North Carolina.
13. Davis, M.M., **S.R. Midway**, F.S. Scharf. **2011**. Determining intra-ovary developmental differences in southern flounder, *Paralichthys lethostigma*. University of North Carolina Wilmington Showcase of Undergraduate Research and Activity. [poster]
 - ★ *Biology/Marine Biology Best Non-Honors Research Poster*
12. Davis, M.M., **S.R. Midway**, F.S. Scharf. **2011**. Determining intra-ovary developmental differences in southern flounder, *Paralichthys lethostigma*. University of North Carolina Wilmington Showcase of Undergraduate Research and Activity. [poster]
11. **Midway, S.R.** and F.S. Scharf. **2011**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. Tidewater Chapter of the American Fisheries Society. Gloucester Point, Virginia.
 - ★ *3rd place, Best Student Presentation*
10. Davis, M.M., **S.R. Midway**, F.S. Scharf. **2011**. Determining intra-ovary developmental differences in southern flounder, *Paralichthys lethostigma*. Tidewater Chapter of the American Fisheries Society. Gloucester Point, Virginia. [poster]
 - ★ *3rd place, Best Student Poster*

2010

9. **Midway, S.R.** and F.S. Scharf. **2010**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. 140th Annual Meeting of the American Fisheries Society. Pittsburgh, PA. [poster]
8. Dobbins, D.A., P.A. Strickland, **S.R. Midway**, and R.L. Cailteux. **2010**. Impact of electrofishing removal on an introduced flathead catfish population in the Yellow River, Florida. Conservation, Ecology, and Management of Catfish: The Second International Symposium. St. Louis, Missouri. [poster]

7. **Midway, S.R.**, T.J. Kwak, D.D. Aday, and K. Gross. **2010**. Habitat suitability of the Carolina Madtom, an imperiled southeastern stream fish. Conservation, Ecology, and Management of Catfish: The Second International Symposium. St. Louis, Missouri.
6. **Midway, S.R.** and F. S. Scharf. **2010**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. University of North Carolina Wilmington Graduate Poster Symposium. [poster]
5. **Midway, S.R.** and F. S. Scharf. **2010**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. Tidewater Chapter of the American Fisheries Society. Annapolis, Maryland. [poster]
4. **Midway, S.R.** and F. S. Scharf. **2010**. Updating size- and age-at-maturity schedules for southern flounder in North Carolina. Southern Division of the American Fisheries Society. Asheville, North Carolina. [poster]

2008

3. **Midway, S.R.** **2008**. Habitat ecology of the Carolina Madtom, an imperiled, endemic stream fish. North Carolina State University Master's Defense. Raleigh, North Carolina.
2. **Midway, S.R.**, T.J. Kwak, and D.D. Aday. **2008**. Habitat suitability of the Carolina Madtom, an imperiled southeastern stream fish. 138th Annual Meeting of the American Fisheries Society. Ottawa, Canada.

2007

1. **Midway, S.R.**, T.J. Kwak, and D.D. Aday. **2007**. Reproductive Ecology and Life History of the Carolina Madtom. North American Native Fishes Association Annual Convention. Greensboro, North Carolina.

Media Appearances

Apologies for any dead links. I check these once or twice a year, but often news is taken down and I do not immediately know to remove or change a URL.

Amazon Birds

BBC Brasil, November 2020 <https://www.bbc.com/portuguese/geral-54796370>

Washington Newsday, November 2020 <https://washingtonnewsday.com/science/evidence-of-biodiversity-loss-found-deep-inside-the-rainforest/>

The Guardian, October 2020 <https://www.theguardian.com/environment/2020/oct/26/nine-insect-eating-bird-species-in-amazon-in-sharp-decline-scientists-find>

Eureka Alert, October 2020

https://www.eurekaalert.org/pub_releases/2020-10/lsu-hld102120.php

United Press International, October 2020 https://www.upi.com/Science_News/2020/10/26/Evidence-of-biodiversity-losses-found-deep-inside-the-rainforest/6611603715128/

Phys.org, October 2020

<https://phys.org/news/2020-10-hidden-losses-deep-amazon-rainforest.html>

Courthouse News Service, October 2020 <https://www.courthousenews.com/even-deep-in-the-amazon-biodiversity-is-on-the-decline/>

Science Daily, October 2020

<https://www.sciencedaily.com/releases/2020/10/201026095429.htm>

CNN News 18, October 2020 <https://www.news18.com/news/buzz/>

musician-wren-bird-is-disappearing-from-amazon-rainforest-and-climate-change-is-to-blame-30127.html

Al Khaleej Today, November 2020 <https://alkhaleejtoday.co/international/5199124/>

According-to-a-study-musician-Wren-is-pale-from-the-Amazon.html

Shark Attack Research

LSU Research Magazine, September 2019

https://www.lsu.edu/research/downloads/research_magazine/2019_20researchmagazine.pdf

Forbes, September 2019 <https://bit.ly/2Mj57uu>

WUSA-9, June 2019 <https://bit.ly/20VtErg> *Video

CNN, March 2019 <https://cnn.it/2EjPs95>

US News and World Reports, March 2019 <https://bit.ly/35AaVrj>

New York Times, March 2019 (Page No Longer Available)

Minneapolis Star-Tribune, March 2019 <http://strib.mn/2VNF55L>

Washington Post, March 2019 (Page No Longer Available)

Independent, March 2019 <https://bit.ly/2oEePPn>

Daily Mail, March 2019 <https://dailym.ai/32kKweU>

Science Daily, March 2019 <https://bit.ly/2MkIK7U>

Fox News, March 2019 <https://fxn.ws/2BYu8pn>

Honolulu Star-Advertiser, March 2019 <https://bit.ly/2MnrJSX>

Ouest France, March 2019 <https://bit.ly/2MzC4vp>

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Yahoo News, March 2019 <https://yhoo.it/2IY1LLt>

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