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EDUCATION

- Ph.D., 2013, Marine Biology, University of North Carolina Wilmington
- M.S., 2009, Fisheries and Wildlife Sciences, North Carolina State University
- B.S., 2005, Wildlife and Fisheries Biology, University of Vermont

APPOINTMENTS

Primary faculty appointments in **bold**, leadership roles underlined

2024–present	<u><i>Graduate Director</i></u> Department of Oceanography and Coastal Sciences, LSU
2022–2024	<u><i>Associate Director of Undergraduate Program</i></u> College of the Coast & Environment, LSU
2022–present	<i>Adjunct Professor</i> Department of Biology and Marine Biology University of North Carolina Wilmington
2022–present	<i>Associate Professor</i> Department of Oceanography and Coastal Sciences, LSU
2021–present	<i>Adjunct Professor</i> Forestry and Environmental Conservation Department Clemson University
2016–2021	<i>Assistant Professor</i> Department of Oceanography and Coastal Sciences, LSU
2015–2016	<i>Postdoctoral Scholar</i> Department of Natural Resources and Environmental Sciences University of Illinois
2014–2015	<i>Visiting Assistant Professor</i> Department of Biology Coastal Carolina University
2013–2015	<i>Postdoctoral Scholar</i> PA Cooperative Fish and Wildlife Research Unit Department of Ecosystem Science and Management Pennsylvania State University
2009	<i>Fisheries Biologist II</i> Florida Fish and Wildlife Conservation Commission

PUBLICATIONS

[ORCID](#) • [Google Scholar](#) • [Scopus](#)

Peer-Reviewed Articles

2024 (8 total)

Wszola, L., Sievert, N.A., Lynch, A.J., Embke, H.S., Kaz, A.L., Robertson, M.D., **Midway S.R.**, and Paukert, C.P. 2024. Lake temperature and morphometry shape the thermal composition of recreational fishing catch. *Transactions of the American Fisheries Society* <https://doi.org/10.1002/tafs.10481>

Gambill, H.G. and **Midway, S.R.** 2024. History and ecology of wild-captured crawfish in Louisiana. *North American Journal of Fisheries Management* <https://doi.org/10.1002/nafm.11002>

Gutierrez, E.M., Lang, E.T., Lovell, M., Lang, J., Falterman, B.J., **Midway, S.R.** and Dance, M.A. 2024. Age, Growth, and Mortality of Blackfin Tuna (*Thunnus atlanticus*) in the Gulf of Mexico. *Marine and Coastal Fisheries* e10293 <https://doi.org/10.1002/mcf2.10293>

Midway, S.R., Hendee, L., and Daugherty, D. 2024. Peer review trends in six fisheries science journals. *Research Integrity and Peer Review* 9, 7 <https://doi.org/10.1186/s41073-024-00146-8>

Kaz, A.L, Kaller, M.D., Lynch, A.J., and **Midway, S.R.** 2024. Early pandemic recreational fishing patterns across the urban-to-rural gradient in the U.S. *Fisheries Research* 276:107021 <https://doi.org/10.1016/j.fishres.2024.107021>

Midway, S.R., Scharf, F.S., Dance, M.A., Brown-Peterson, N.J., Ballenger, J.C., Beeken, N.S., Borski, R.J., Darden, T.L., Erickson, K.A., Farmer, T.M., Fincannon, A., Godwin, J., Graham, P.M., Green, J.L., Hershey, H., Kiene, D., Lee, L.M., Loeffler, M.S., Markwith, A., McGarigal, C., Powers, S.P., Smith, D.R., Watson, A.R., and White S.B. 2024. Southern Flounder: Major Milestones and Remaining Knowledge Gaps in Their Biology, Ecology, and Fishery Management. *Reviews in Fisheries Science & Aquaculture* 32(3), 450–478. <https://doi.org/10.1080/23308249.2024.2341017>

Robertson, M.D., **Midway, S.R.**, Embke, H.S., Kaz, A.L., Lang, M., Paukert, C., Sievert, N.A., Wszola, L. and Lynch, A.J. 2024. Estimating lentic recreational fisheries catch and effort across the United States. *Fisheries Management and Ecology* 31(1), e12650. <https://doi.org/10.1111/fme.12650>

Smith, D.R., **Midway, S.R.**, Adriance, J.W., Blanchet, H.R. and Caffey, R.H., 2024. Mixed-mode surveys reveal shared regulatory preferences in an overfished recreational fishery. *Human Dimensions of Wildlife* 1–18. <https://doi.org/10.1080/10871209.2024.2309356>

2023 (8 total)

Britton, J.R., Pinder, A.C., Alós, J., Arlinghaus, R., Danylchuk, A.J., Edwards, W., Freire, K.M., Gundelund, C., Hyder, K., Jarić, I., Lennox, R., Lewin, W.C., Lynch, A.J., **Midway, S.R.**, Potts, W.M., Ryan, K.L., Skov, C., Strehlow, H.V., Tracey, S.R., Tsuboi, J-i., Venturelli, P.A., Weir, J.L., Weltersbach, M.S., and Cooke, S.J. 2023. Global responses to the COVID-19 pandemic by recreational anglers: considerations for developing more resilient and sustainable fisheries. *Reviews in Fish Biology and Fisheries* 33, 1095–1111.

<https://doi.org/10.1007/s11160-023-09784-5>

Sievert, N.A., Lynch, A.J., Embke, H.S., Robertson, A., Lang, M., Kaz, A.L., Robertson, M.D., **Midway, S.R.**, Wszola, L. and Paukert, C.P. 2023. CreelCat, a Catalog of United States Inland Creel and Angler Survey Data. *Scientific Data* 10, 762.

<https://doi.org/10.1038/s41597-023-02523-2>

Chen, K., **Midway, S.R.**, Peoples, B.K., Wang, B. and Olden, J.D., 2023. Shifting taxonomic and functional community composition of rivers under land use change. *Ecology* 104, e4155.

<https://doi.org/10.1002/ecy.4155>

Midway, S.R. and Miller, P.W. 2023. Heat, hurricanes, and health: Effects of natural disturbances on angling effort. *PloS ONE*, 18(9), e0291126.

<https://doi.org/10.1371/journal.pone.0291126>

Stein, E.D., **Midway, S.R.**, Linkhart, B.D. 2023. Year-round weather alters nest-provisioning rates in a migratory owl. *Ecology and Evolution* 13(7), e10333.

<https://doi.org/10.1002/ece3.10333>

Midway, S.R., Brum, J.R., Robertson, M. 2023. Show and tell: approaches for effective figures. *Limnology and Oceanography Letters* 8(2), 213–219.

<https://doi.org/10.1002/lol2.10288>

Gad, A.K., Toner, K., Benfield, M.C., **Midway, S.R.** 2023. Microplastics in mainstem Mississippi River fishes. *Frontiers in Environmental Science* 10, 1065583.

<https://doi.org/10.3389/fenvs.2022.1065583>

Toavs, T.R., Hasler, C.T., Suski, C.D., **Midway, S.R.** 2023. A 30-year dataset of CO₂ in flowing freshwaters in the United States. *Scientific Data* 10, 20.

<https://doi.org/10.1038/s41597-022-01915-0>

2022 (5)

Midway, S.R., Schaefer, A. and Lively, J.A. 2022. Bycatch in a coastal black drum trotline

fishery. *North American Journal of Fisheries Management* 42(5), 1372–1378.
<https://doi.org/10.1002/nafm.10832>

Midway, S.R., Sievert, N.A., Lynch, A.J., Whittier, J.B. and Pope, K.L. 2022. Asking nicely: Best practices for requesting data. *Ecological Informatics* 70, 101729.
<https://doi.org/10.1016/j.ecoinf.2022.101729>

Lamb, K.J., Midway, S.R., Brasso, R.L., Lopez-Duarte, P.C., Kimball, M.E. and Polito, M.J. 2022. Mercury biomagnification in a coastal Louisiana food web following the 2010 Deepwater Horizon oil spill. *Frontiers in Environmental Science* 10, 937124.
<https://doi.org/10.3389/fenvs.2022.937124>

Smith, D.R., Midway, S.R., Caffey, R.H. and Penn, J.M. 2022. Economic values of potential regulation changes for the southern flounder fishery in Louisiana. *Marine and Coastal Fisheries* 14(2), e10195. <https://doi.org/10.1002/mcf2.10195>

Gad, A.K. and Midway, S.R., 2022. Relationship of microplastics to body size for two estuarine fishes. *Microplastics* 1(1), 211–220. <https://doi.org/10.3390/microplastics1010014>

2021 (16 total)

Noring, A.M., Sass, G.G., Midway, S.R., VanDeHey, J.A., Raabe, J.K., Isermann, D.A., Kampa, J.M., Parks, T.P., Lyons, J. and Jennings, M.J. 2021. Pelagic forage versus abiotic factors as drivers of walleye growth in northern Wisconsin lakes. *Advances in Limnology* 66, 207–223. https://doi.org/10.1127/adv_limnol/2021/0061

French, L.A., Midway, S.R., Evans, D.H. and Burgess, G.H. 2021. Shark Side of the Moon: Are Shark Attacks Related to Lunar Phase? *Frontiers in Marine Science* 8, 745221.
<https://doi.org/10.3389/fmars.2021.745221>

Smith, D.R., Dance, M.A., West, J. and Midway, S.R., 2021. Spatiotemporal variability of fishery-dependent indices for the declining Louisiana Southern Flounder fishery. *North American Journal of Fisheries Management* 41(6), 1826–1837.
<https://doi.org/10.1002/nafm.10701>

Harden, L.A., Midway, S.R. and Gibbons, J.W. 2021. Terrapin station: individual, sex, and site factors related to turtle growth variability. *Journal of Herpetology* 55(4), 411–421.
<https://doi.org/10.1670/20-146>

Lynch, A.J., Sievert, N.A., Embke, H.S., Robertson, A.M., Myers, B.J., Allen, M.S., Feiner, Z.S., Hoogakker, F., Knoche, S., Krogman, R.M., Midway, S.R., Nieman, C.L., Paukert, C.P., Pope, K.L., Rogers, M.W., Wszola, L.S., Beard, Jr., T.D. 2021. The US Inland creel and angler

survey catalog (CreelCat): Development, applications, and opportunities. *Fisheries* 46(11), 574–583. <https://doi.org/10.1002/fsh.10671>

Stoczynski, L., Brown, B.L., **Midway, S.R.** and Peoples, B.K. 2021. Landscape features and study design affect elements of metacommunity structure for stream fishes across the eastern USA. *Freshwater Biology* 66(9), 1736–1750. <https://doi.org/10.1111/fwb.13788>

Midway, S.R., Lynch, A.J., Peoples, B.K., Dance, M. and Caffey, R. 2021. COVID-19 influences on US recreational angler behavior. *PLoS One* 16(8), e0254652. <https://doi.org/10.1371/journal.pone.0254652>

Pensinger, L.G., Brown-Peterson, N.J., Green, C.C. and **Midway, S.R.** 2021. Reproductive biology of hardhead catfish *Ariopsis felis*: evidence for overwintering oocytes. *Journal of Fish Biology* 99(2), 308–320. <https://doi.org/10.1111/jfb.14717>

Hernandez, M.F., **Midway, S.R.**, West, L., Tillya, H. and Polito, M.J. 2021. Stable isotopes track the ontogenetic movement of three commercially important fishes along a coastal Tanzanian seascape. *Marine Ecology Progress Series* 670, 139–154. <https://doi.org/10.3354/meps13754>

Midway, S.R., Erickson, K.A., Kaller, M.D. and Kelso, W. 2021. Long-term monitoring informs data-poor marine species in the northern Gulf of Mexico. *Marine and Freshwater Research* 72(11), 1602–1612. <https://doi.org/10.1071/MF20341>

Toner, K. and **Midway, S.R.** 2021. Historic fish samples from the Southeast USA lack microplastics. *Science of the Total Environment* 776, 145923. <https://doi.org/10.1016/j.scitotenv.2021.145923>

Erickson, K.A., West, J., Dance, M.A., Farmer, T.M., Ballenger, J.C. and **Midway, S.R.** 2021. Changing climate associated with the range-wide decline of an estuarine finfish. *Global Change Biology* 27(11), 2520–2536. <https://doi.org/10.1111/gcb.15568>

Pensinger, L.G., Polito, M.J. and **Midway, S.R.** 2021. Ontogenetic stability in the trophic niche of a common Gulf of Mexico fish, *Ariopsis felis*. *Environmental Biology of Fishes* 104(5), 569–579. <https://doi.org/10.1007/s10641-021-01095-7>

Flinn, S.A. and **Midway, S.R.** 2021. Trends in growth modeling in fisheries science. *Fishes* 6(1), 1. <https://doi.org/10.3390/fishes6010001>

Rovai, A.S., Twilley, R.R., Castañeda-Moya, E., **Midway, S.R.** and 18 other co-authors. 2021. Macroecological patterns and drivers of mangrove forest structure and carbon stocks across biogeographic regions and coastal morphologies. *Global Ecology and Biogeography* 30(5), 1000–1013. <https://doi.org/10.1111/geb.13268>

Stouffer, P., Jirinec, V., Rutt, C.L., Bierregaard, R.O., Hernandez-Palma, A., Johnson, E.I., **Midway, S.R.**, Powell, L.L., Wolfe, J.D. and Lovejoy, T.E. 2020. Long term change in the avifauna of undisturbed Amazonian rainforest: Birds disappear and the baseline shifts. *Ecology Letters* 24(2), 186–195. <https://doi.org/10.1111/ele.13628>

2020 (6 total)

Midway, S.R., Robertson, M., Flinn, S. and Kaller, M. 2020. Comparing multiple comparisons: practical guidance for choosing the best multiple comparisons test. *PeerJ* 8, e10387. <https://doi.org/10.7717/peerj.10387>

Midway, S.R. 2020. Principles of effective data visualization. *Patterns* 1(9), 100141. <https://doi.org/10.1016/j.patter.2020.100141>

Midway, S.R., Adriance, J., Banks, P., Haukebo, S. and Caffey, R. 2020. Electronic self-reporting: Angler attitudes and behaviors in the recreational red snapper fishery. *North American Journal of Fisheries Management* 40(5), 1119–1132. <https://doi.org/10.1002/nafm.10472>

McCormick, A., Robertson, M.D., Brasso, R. and **Midway, S.R.** 2020. Mercury concentrations in store-bought shrimp. *Food Science & Nutrition* 8(7), 3731–3737. <https://doi.org/10.1002/fsn3.1659>

Midway, S.R., Schueller, A.M., Leaf, R.T., Nesslage, G.M. and Mroch III, R.M. 2020. Macroscale drivers of Atlantic and Gulf Menhaden growth. *Fisheries Oceanography* 29(3) 252–264. <https://doi.org/10.1111/fog.12468>

Peoples, B.K., Davis, A.J., **Midway, S.R.**, Olden, J.D. and Stoczynski, L. 2020. Landscape-scale drivers of fish faunal homogenization and differentiation in the eastern United States. *Hydrobiologia* 847(18), 3727–3741. <https://doi.org/10.1007/s10750-019-04162-4>

2019 (8 total)

Rohli, R.V., Ates, S.A., Rivera-Monroy, V.H., Polito, M.J., **Midway, S.R.**, Castañeda-Moya, E., Gold, A.J., Uchida, E., Mangora, M.M. and Suwa, M., 2019. Inter-annual hydroclimatic variability in coastal Tanzania. *International Journal of Climatology* 39(12), 4736–4750. <https://doi.org/10.1002/joc.6103>

Flinn, S., **Midway, S.R.** and Ostrowski, A., 2019. Age and growth of hardhead catfish and gafftopsail catfish in coastal Louisiana, USA. *Marine and Coastal Fisheries* 11(5), 362–371. <https://doi.org/10.1002/mcf2.10089>

Robertson, M.D. and **Midway, S.R.**, 2019. Predicting coastal fishing community characteristics in Tanzania using local monitoring data. *Journal of Environmental Management* 246, 514–525. <https://doi.org/10.1016/j.jenvman.2019.05.082>

Southwood Williard, A., Harden, L.A., Jones, T.T. and **Midway, S.R.** 2019. Effects of temperature and salinity on body fluid dynamics and metabolism in the estuarine diamondback terrapin (*Malaclemys terrapin*). *Journal of Experimental Biology* 222(10), jeb202390. <https://doi.org/10.1242/jeb.202390>

Midway, S.R. and Peoples, B.K. 2019. Effects of life-history traits on stream fish abundances across spatial scales. *Ecology of Freshwater Fish* 28(4), 639–649. <https://doi.org/10.1111/eff.12482>

Rutt, C.L., **Midway, S.R.**, Jirinec, V., Wolfe, J.D. and Stouffer, P.C. 2019. Examining the microclimate hypothesis in Amazonian birds: indirect tests of the ‘visual constraints’ mechanism. *Oikos* 128(6), 798–810. <https://doi.org/10.1111/oik.05781>

Midway, S.R., Wagner, T. and Burgess, G.H. 2019. Trends in global shark attacks. *PLoS ONE* 14(2), e0211049. <https://doi.org/10.1371/journal.pone.0211049>

Hasler, C.T., Woodley, C.M., Schneider, E.V., Hixson, B.K., Fowler, C.J., **Midway, S.R.**, Suski, C.D. and Smith, D.L. 2019. Avoidance of carbon dioxide in flowing water by bighead carp. *Canadian Journal of Fisheries and Aquatic Sciences* 76(6), 961–969. <https://doi.org/10.1139/cjfas-2018-0026>

2018 (9 total)

Robertson, M.D., Hernandez, M.F., **Midway, S.R.**, Hasler, C.T. and Suski, C.D. 2018. Shelter-seeking behavior of crayfish, *Procambarus clarkii*, in elevated carbon dioxide. *Aquatic Ecology* 52, 225–233. <https://doi.org/10.1007/s10452-018-9657-4>

Robertson, M.D., **Midway, S.R.**, West, L., Tillya, H. and Rivera-Monroy, V.H. 2018. Fishery characteristics in two districts of coastal Tanzania. *Ocean & Coastal Management* 163, 254–268. <https://doi.org/10.1016/j.ocecoaman.2018.06.015>

Benjamin, T., Brasso, R., **Midway, S.R.**, Thompson, D. and Harden, L.A. 2018. Using non-destructive techniques to measure mercury (Hg) concentrations in Gravid Blanding’s Turtles (*Emydoidea blandingii*) in Northeastern Illinois. *Bulletin of Environmental Contamination and Toxicology* 101, 295–299. <https://doi.org/10.1007/s00128-018-2407-4>

Midway, S.R., Ostrowski, A., West, L., Hernandez, M. and Robertson, M.D. 2018. Improved growth estimates for *Lethrinus harak*: measuring increments, adjusting ages, and fitting flexible growth models. *Fishes* 3(3), 31. <https://doi.org/10.3390/fishes3030031>

Peoples, B.K. and **Midway, S.R.**, 2018. Fishing pressure and species traits affect stream fish invasions both directly and indirectly. *Diversity and Distributions* 24(8), 1158–1168. <https://doi.org/10.1111/ddi.12747>

Harden, L.A., Fernandez, J., Milanovich, J.R., Struecker, B.P. and **Midway, S.R.** 2018. Blood biochemical reference intervals for wild ornate box turtles (*Terrapene ornata*) during the active season. *Journal of Wildlife Diseases* 54(3), 587–591. <https://doi.org/10.7589/2017-09-222>

Midway, S.R., White, J.W. and Scharf, F.S. 2018. The potential for cryptic population structure to sustain a heavily exploited marine flatfish stock. *Marine and Coastal Fisheries* 10(4), 411–423. <https://doi.org/10.1002/mcf2.10032>

Hansen, G.J., **Midway, S.R.** and Wagner, T. 2018. Walleye recruitment success is less resilient to warming water temperatures in lakes with abundant largemouth bass populations. *Canadian Journal of Fisheries and Aquatic Sciences* 75(1), 106–115. <https://doi.org/10.1139/cjfas-2016-0249>

Peoples, B.K., **Midway, S.R.**, DeWeber, J.T. and Wagner, T. 2018. Catchment-scale determinants of nonindigenous minnow richness in the eastern United States. *Ecology of Freshwater Fish* 27(1), 138–145. <https://doi.org/10.1111/eff.12331>

2017 (2 total)

Midway, S.R., Hasler, C.T., Wagner, T. and Suski, C.D. 2017. Predation of freshwater fish in environments with elevated carbon dioxide. *Marine and Freshwater Research* 68(9), 1585–1592. <https://doi.org/10.1071/MF16156>

Wagner, T., **Midway, S.R.**, Whittier, J.B., DeWeber, J.T. and Paukert, C.P. 2017. Annual changes in seasonal river water temperatures in the Eastern and Western United States. *Water* 9(2), 90. <https://doi.org/10.3390/w9020090>

2016 (5 total)

Peoples, B.K., **Midway, S.R.**, Sackett, D., Lynch, A. and Cooney, P.B. 2016. Twitter predicts citation rates of ecological research. *PLoS ONE* 11(11), e0166570. <https://doi.org/10.1371/journal.pone.0166570>

Grieshaber, C.A., **Midway, S.R.**, Scharf, F.S., Koopman, H., Luckenbach, J.A. and Middleton, M.A. 2016. Seasonal physiological dynamics of maturing female southern flounder (*Paralichthys lethostigma*). *Conservation Physiology* 4(1), cow043. <https://doi.org/10.1093/conphys/cow043>

Hasler, C.T., **Midway, S.R.**, Jeffrey, J.D., Tix, J.A., Sullivan, C. and Suski, C.D. 2016. Exposure to elevated pCO₂ alters post-treatment diel movement patterns of largemouth bass over short time scales. *Freshwater Biology* 61(9), 1590–1600. <https://doi.org/10.1111/fwb.12805>

Midway, S.R., Wagner, T., Zydlewski, J.D., Irwin, B.J. and Paukert, C.P. 2016. Transboundary fisheries science: meeting the challenges of inland fisheries management in the 21st century. *Fisheries* 41(9), 536–546. <https://doi.org/10.1080/03632415.2016.1208090>

Wagner, T., **Midway, S.R.**, Vidal, T., Irwin, B.J. and Jackson, J.R. 2016. Detecting unusual temporal patterns in fisheries time series data. *Transactions of the American Fisheries Society* 145(4), 786–794. <https://doi.org/10.1080/00028487.2016.1150879>

Midway, S.R. and Wagner, T. 2016. The first description of oarfish (*Regalecus russellii* Cuvier 1816) (Regalecidae) ageing structures. *Journal of Applied Ichthyology* 32(1), 113–116. <https://doi.org/10.1111/jai.12967>

2015 (4 total)

Midway, S.R., Wagner, T., Arnott, S.A., Biondo, P., Martinez-Andrade, F. and Wadsworth, T.F. 2015. Spatial and temporal variability in growth of southern flounder (*Paralichthys lethostigma*). *Fisheries Research* 167, 323–332. <https://doi.org/10.1016/j.fishres.2015.03.009>

Harden, L.A., **Midway, S.R.** and Williard, A.S. 2015. The blood biochemistry of overwintering diamondback terrapins (*Malaclemys terrapin*). *Journal of Experimental Marine Biology and Ecology* 466, 34–41. <https://doi.org/10.1016/j.jembe.2015.01.017>

Midway, S.R., Wagner, T., Tracy, B.H., Hogue, G.M. and Starnes, W.C. 2015. Evaluating changes in stream fish species richness over a 50-year time-period within a landscape context. *Environmental Biology of Fishes* 98, 1295–1309. <https://doi.org/10.1007/s10641-014-0359-z>

Midway, S.R., Wagner, T. and Tracy, B.H. 2014. A hierarchical community occurrence model for North Carolina stream fish. *Transactions of the American Fisheries Society* 143(5), 1348–1357. <https://doi.org/10.1080/00028487.2014.931745>

2014 (2 total)

Wagner, T. and **Midway, S.R.** 2014. Modeling spatially varying landscape change points in species occurrence thresholds. *Ecosphere* 5(11), 1–16. <https://doi.org/10.1890/ES14-00288.1>

Midway, S.R., Cadrin, S.X. and Scharf, F.S. 2014. Southern Flounder (*Paralichthys lethostigma*) stock structure inferred from otolith shape analysis. *Fishery Bulletin* 112, 326–338. <https://doi.org/10.7755/FB.112.4.9>

2013 (2 total)

Midway, S.R., White, J.W., Roumillat, W., Batsavage, C. and Scharf, F.S. 2013. Improving macroscopic maturity determination in a pre-spawning flatfish through predictive modeling and whole mount methods. *Fisheries Research* 147, 359–369. <https://doi.org/10.1016/j.fishres.2013.07.010>

Claussen, J.E., Cooney, P.B., Defilippi, J.M., Fox, S.G., Glaser, S.M., Hawkes, E., Hutt, C., Jones, M.H., Kemp, I.M., Lerner, A., **Midway, S.R.**, Nesbit, S., Osborne-Gowey, J., Roberts, R., and Steward, C. 2013. Science communication in a digital age: Social media and the American Fisheries Society. *Fisheries* 38(8), 359–362. <https://doi.org/10.1080/03632415.2013.816289>

2012 (3 total)

Midway, S.R. and Scharf, F.S. 2012. Histological analysis reveals larger size-at-maturity for southern flounder with implications for biological reference points. *Marine and Coastal Fisheries* 4, 628–638. <https://doi.org/10.1080/19425120.2012.717524>

Dobbins, D.A., Cailteux, R.L., **Midway, S.R.** and Leone, E.H. 2012. Long-term impacts of introduced flathead catfish on native ictalurids in a north Florida, USA, river. *Fisheries Management and Ecology* 19(5), 434–440. <https://doi.org/10.1111/j.1365-2400.2012.00864.x>

Midway, S.R. and Hodge, A.M.C. 2012. Carlquist revisited: history, success, and applicability of a natural history model. *Biology & Philosophy* 27, 497–520. <https://doi.org/10.1007/s10539-011-9296-9>

2010 (2 total)

Midway, S.R., Aday, D.D., Kwak, T.J. and Gross, K. 2010. Cover preference of the Carolina madtom (*Noturus furiosus*), an imperiled, endemic southeastern stream fish. *Journal of Freshwater Ecology* 25:151–154. <https://doi.org/10.1080/02705060.2010.9664368>

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Technical Reports

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https://www.asafc.org/uploads/file/58d56fd3HMS14_AtlanticSciaenidHabitats_Winter2017.pdf

Ahrens, R., Boswell, K., Cowan, J., **Midway, S.R.**, Portnoy, D., Patterson, W. and Wells, D. 2017. Design of a Multidisciplinary Study to Estimate Red Snapper Population Size, Population Connectivity, and Mortality Rates in the US Gulf of Mexico.

Midway, S.R. 2014. Fishery Management Plan for Jonah Crab, Draft. Washington (DC): Atlantic States Marine Fisheries Commission.

Other Articles

Midway, S.R. and D.D. Aday. 2022. 150 Years of *Transactions of the American Fisheries Society*. *Fisheries* 47(5), 227–228. <https://doi.org/10.1002/fsh.10777>

Rose., K., Patterson, W., **Midway, S.R.**, Nieland, D. 2021. James “Jim” H. Cowan, Jr. 1954 – 2021. *Gulf and Caribbean Research* 32(1). <https://doi.org/10.18785/gcr.3201.12>

Rose., K., Patterson, W., **Midway, S.R.**, Nieland, D. 2021. In Memoriam. *Fisheries* 46(12), 630. <https://doi.org/10.1002/fsh.10692>

Midway, S.R. 2012. AFS 2011 Student Writing Contest—Honorable Mention Winner: Filth, Flows, and Family: Pressures Mount on a Rare Stream Catfish. *Fisheries* 37(7), 320–321. <https://doi.org/10.1080/03632415.2012.696019>

Midway, S.R. and Cooney, P. 2013. Membership and communication: the dual benefits of social media for AFS. *Fisheries* 38(8), 382–383. <https://doi.org/10.1080/03632415.2013.813488>

Books

Midway, S.R. 2023. *The Science of Writing: From Sentence Construction to Impact Factor*. Lulu Press.

<https://www.lulu.com/shop/steve-midway/the-science-of-writing/hardcover/product-z2wv25.html?q=&page=1&pageSize=4>

Midway, S.R., C. Hasler, and P. Chakrabarty, editors. 2022. *Methods for Fish Biology, 2nd edition*. American Fisheries Society, Bethesda, Maryland.

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Midway, S.R. 2025 (Forthcoming). *Data Analysis in R*. CRC Press.

Book Chapters

Chakrabarty, P., Midway, S.R. and Hasler, C.T. 2022. Methods in fish biology: the modern toolbox. 2022. Pages 1–7 in S.R. Midway, C. Hasler, and P. Chakrabarty, editors. *Methods for fish biology, 2nd edition*. American Fisheries Society, Bethesda, Maryland.

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Uchida, E., Rivera-Monroy, V.H., Ates, S.A., Castañeda-Moya, E., Gold, A.J., Guilfoos, T., Hernandez, M.F., Lokina, R., Mangora, M.M., Midway, S.R., McNally, C., Polito, M.J., Robertson, M., Rohli, R.V., Uchida, H., West, L. and Zhao, X. 2019. Collaborative Research Across Boundaries: Mangrove Ecosystem Services and Poverty Traps as a Coupled Natural-Human System. Pages 115–152 in Stephen Perz, editor. *Collaboration Across Boundaries for Social-Ecological Systems Science: Experiences Around the World*. Palgrave-MacMillan

https://doi.org/10.1007/978-3-030-13827-1_4

Visser, J.M., Midway, S.R., Baltz, D.M. and Sasser, C.E. 2019. Ecosystem structure of tidal saline marshes. Pages 519–538 in G.M.E. Perillo, et al., editors. *Coastal Wetlands: An Integrated Ecosystem Approach, 2nd Edition*. Elsevier. <https://doi.org/10.1016/B978-0-444-63893-9.00015-0>

FUNDING

27 awards totaling more than \$4.8 million

Funded Awards as Lead PI

17 Total Awards; >\$1.5 million

1. Assessment of bowfishing in Indiana: Interest-holders' perspectives, harvest patterns and potential impacts. Purdue University, \$81,258 (2024–2026)
2. Fish Production in Louisiana Waters: What Drives Long-Term Species Declines and Community Changes? Louisiana Sea Grant, \$148,827 (2024–2026)
3. LACreel Nocturnal and Private Access Creel Estimates. Louisiana Department of Wildlife and Fisheries, \$164,931 (2023–2025)
4. Scale, Space, and Time: A Unifying Approach to Aquatic Invasions. National Science Foundation, \$263,000 Awarded (January 2021–December 2024)
5. One from many: Combining state creel data to estimate regional harvest. U.S. Geological Survey, \$198,954 Awarded (January 2021–December 2022)
6. Using innovative technology solutions to improve data collection in Louisiana's recreational red snapper fishery. Environmental Defense Fund (through the LSU Foundation), \$10,000 Awarded (July 2019)
7. Bycatch in the Black Drum and Sheepshead Fisheries. Louisiana Fisheries Forward, \$72,343 Awarded (January 2020–December 2021)
8. Spatial Characteristics of the Black Drum and Sheepshead Fisheries. Louisiana Fisheries Forward, \$14,283 Awarded (July 2020)
9. Macroscale patterns of CO₂ in US Flowing Waters. Louisiana Board of Regents, \$138,397 Awarded (September 2019–August 2021)
10. Microplastics in Mississippi River Fishes: A Watershed Approach. Louisiana Sea Grant, \$78,978 Awarded (June 2018–August 2021)
11. Analysis of Catch Statistics from Mobile Reporting. Louisiana Department of Wildlife and Fisheries, \$114,070 Awarded (July 2018–June 2021)
12. Novel Detection Method for the Imperiled Frecklebelly Madtom in the Pearl River Basin. Louisiana Department of Wildlife and Fisheries, \$13,888 Awarded (January 2018–December 2019)
13. Development of a Sustainable Southern Flounder Fishery in Louisiana. Louisiana Sea Grant, \$208,460 Awarded (February 2018–August 2022)
14. Fisheries Reporting in Tanzania. Louisiana State University Internationalization Grants, \$3,000 Awarded (June 2018)
15. Development of Recreational Fishing Reporting Tools. Environmental Defense Fund (through the LSU Foundation), \$70,000 Awarded (May 2017)
16. Poverty Traps in Coastal Tanzania: Exploring the Mangrove–Fish Connection. Louisiana State University Emerging Research, \$9,116 Awarded (June 2017)
17. Development of an accurate and non-lethal tool to assess maturity of North Carolina southern flounder. North Carolina Sea Grant, \$4,700 Awarded (June 2011–December 2012)

Funded Awards as Co-PI

10 Total Awards; >\$3.2 million

1. Coastal indigenous Fisheries Assessment (CIFA) Using Archaeological and Ecological Perspectives. USGS Climate Adaptation Science Center, \$404,953 (2022–2025)
2. Study on Environmental and Human Exposure to Technologically Enhanced Naturally Occurring Radioactive Materials (TENORMs) Associated with Oil and Gas (O&G) Activities in the Outer Continental Shelf (OCS). Bureau of Ocean Energy Management, \$329,676. (2022–2024)
3. Freshwater discharge variability in productive northern Gulf of Mexico estuaries. USGS Climate Adaptation Science Center, \$285,562 (2022–2025)
4. Greater Amberjack (*Seriola dumerili*) Abundance, Distribution, and Movement in U.S. Waters in the South Atlantic and Gulf of Mexico. Mississippi-Alabama Sea Grant, \$1,025,000 (2021–2024)
5. Better Bycatch Reduction Devices for the Gulf of Mexico Commercial Shrimp Trawl Fishery: Sea Grant's Role. National Sea Grant, \$713,000 (2020–2025)
6. MRI: Acquisition of an inductively coupled plasma triple quadrupole mass spectrometer instrument for southeast Louisiana. National Science Foundation, \$0 Awarded (2021)
7. Recovery of Louisiana's Iconic Shellfish: Diagnosis and Evaluation of White Spot Syndrome Virus in Crawfish. Louisiana Sea Grant, \$112,210 Awarded (February 2020–January 2022)
8. Design of a multidisciplinary study to estimate red snapper population size, population connectivity, and mortality rates in the US Gulf of Mexico. Mississippi-Alabama Sea Grant, \$96,112 Awarded (August 2016–December 2016)
9. Poverty traps and mangrove ecosystem services in coastal Tanzania. National Science Foundation, \$249,974 Awarded (September 2015–December 2019)
10. Exploring watershed health, significance, and sustainability with a K–5 audience. Foundation for Pennsylvania watersheds, \$1,500 Awarded (May 2014)

TEACHING

Courses Taught

**Enrollments, Evaluations, and other details available upon request*

- **Scientific Writing**, Lecture (Fall 2021, 2023)
- **Data Analysis in R**, Lecture/Lab (Spring 2017, Spring 2019–2025)
- **Bayesian Hierarchical Models in Ecology**, Lecture (Spring 2018, Fall 2019, 2022, 2024)
- **ChatGPT for Science**, Seminar (Fall 2024)
- **ggSeminar**, Seminar (Fall 2021)
- **Time Series Models in Ecology**, Seminar (Spring 2020)
- **Fish Ecology**, Lecture (Fall 2014, 2018)
- **Ichthyology**, Lecture/Lab (Spring 2015)
- **Methods for Research Presentations**, Lecture (Fall 2020)
- **Advanced Topics in Fisheries Science**, Seminar (Spring 2016, 2024, Fall 2018)
- **Introduction of Oceanographic Methods**, Lecture/Lab (Fall 2017)
- **Concept Mapping in Ecology**, Seminar (Spring 2018)

Short Courses and Workshops

2024

- *Effective Data Visualization*, Louisiana SciComm Summit, University of New Orleans

2023

- *ggplot for Effective Data Visuals*, American Fisheries Society Southern Division Meeting, Norfolk, VA
- *Scientific Writing*, Latin American and Caribbean Fisheries Congress, Cancun, Mexico
- *Scientific Writing*, American Fisheries Society, Grand Rapids, MI

2022

- *Scientific Writing and Peer-Review*, American Fisheries Society Southern Division Meeting, Charleston, SC
- *Effective Data Visualization*, Louisiana SciComm Summit, Louisiana State University

2020

- *Scientific Writing and Peer-Review*, American Fisheries Society Southern Division Meeting, Little Rock, AR

2018

- *An Introduction to R*, University of Illinois
- *An Introduction to R*, Louisiana State University

2016

- *Bayesian Hierarchical Models in Fisheries Ecology* (Co-taught with T. Wagner), Virginia Institute of Marine Science

2015

- *Bayesian Hierarchical Models in Fisheries Ecology* (Co-taught with T. Wagner), University of Missouri
- *Bayesian Hierarchical Models in Fisheries Ecology* (Co-taught with T. Wagner), Ohio State University

2013

- *An Introduction to Bayesian Estimation and Inference Using JAGS* (Instructed by T. Wagner and C. Stowe) Pennsylvania State University

Advising and Student Committees

Major Advisor (all in the Department of Oceanography and Coastal Sciences, LSU)

Howard Dunleavy	MS	2024–present
David Smith	PhD	2023–present
Mischa Schultz	PhD	2022–present
Matthew Zink	PhD	2021–present
Tim Toavs	PhD	2021–2025
Anna Kaz	MS	2021–2024
Lyric Buxton	MS	2021–2023
Haley Gambill	MS	2020–2022
Kenneth Erickson	MS	2018–2020
David Smith	MS	2018–2020
Ahmed Gad	MS	2018–2020
Lucas Pensinger	MS	2017–2019
Shane Flinn	MS	2016–2018
Matt Robertson	MS	2016–2018

Committee Member (with affiliation)

Laura Eagon	PhD	2024–present	Environmental Sciences, LSU
Brett Wilson	PhD	2023–present	University North Carolina Wilmington
Benjamin Farmer	PhD	2022–present	DOCS, LSU
Lily Thompson	PhD	2020–Present	Clemson University
Ashley Rossin	PhD	2022–2024	DOCS, LSU
Amanda Popovich	MS	2021–2023	Renewable Natural Resources, LSU
Stephen Potts	PhD	2020–2023	Biological Sciences, LSU
Elsa Gutierrez	MS	2021–2022	DOCS, LSU
Erin Thayer	PhD	2017–2022	Renewable Natural Resources, LSU
Mario Hernandez	PhD	2017–2022	DOCS, LSU
Elizabeth Keller	PhD	2017–2019	DOCS, LSU
Sarah Margolis	MS	2017–2018	DOCS, LSU
Jeanne Bloomberg	MS	2019–2020	DOCS, LSU
Leah Forsyth	MS	2019–2020	Environmental Sciences
Katelyn Lamb	MS	2019–2020	DOCS, LSU
Kerrin Toner	MS	2019–2020	DOCS, LSU

Undergraduate Research Mentees (at LSU)

Lucas Rot	BS	2024
Emma Guidry	BS	2019–2020
Sam Pettibone	BS	2019
Josef Schuster	BS	2018–2021
Lexie Trajkovski	BS	2018
Lindsey Dey	BS	2017–2018
Shelbie Hase	BS	2016–2017

SERVICE

Committees and Boards

Editorial Boards

2018–present	Features Editor, <i>Transactions of the American Fisheries Society</i>
2016–present	Associate Editor, <i>Gulf and Caribbean Research</i>
2015–2018	Associate Editor, <i>Transactions of the American Fisheries Society</i>

University Service (with level of committee)

2023–present	Institutional Effectiveness Council (University)
2019–2024	Seminar Committee, Chair (College)
2022–present	CES Executive Committee (College)
2020–present	Annual Program Review Committee (Departmental)
2017–present	Curriculum Committee (Departmental)
2018–2019	Academic Affairs / Admissions Committee (Departmental)
2017–2018	Webpage Subcommittee (Departmental)

Search Committees at Louisiana State University

2024	Dean Search Committee (College)
2023	Dean Search Committee (College)
2020	Big Data Oceanographer
2018–2018	Fisheries Stock Assessment (co-chair with Dr. Dubravko Justic)
2018–2018	Ecologist (co-chair with Dr. Dubravko Justic)
2018–2018	Ecological Modeler (co-chair with Dr. Dubravko Justic)

Professional Membership and Service

2007–present	American Fisheries Society (AFS) Southern Division Education Section Marine Fisheries Section International Fisheries Section
2016–Present	Louisiana Chapter AFS
2022	Society for the Study of Amphibians and Reptiles
2013–2014	Pennsylvania Chapter AFS
2011–2014	Fisheries Society of the British Isles
2011	Florida Academy of Sciences
2009–2012	Tidewater Chapter AFS
2009–2012	UNCW AFS Student Subunit (2010 President)
2007–2013	North Carolina Chapter AFS
2007–2009	NCSU AFS Student Subunit (2008 President)
2007–2008	North Carolina Association of Environmental Professionals
2007–2008	Monocacy Creek Watershed Association

Advisory Boards, Commissions, or Agencies

2024–present AFS AI Committee
2024–present AFS Strategic Planning Committee
2023–2024 AFS Publishers Selection Committee (Co-Chair)
2021–2024 AFS Publications Oversight Committee (Chair)
2018–2021 AFS Publications Oversight Committee (Member)
2018–2023 AFS Marine Fisheries Section, Southern Division Representative
2018–2019 AFS 5-year Strategic Review Committee
2016–2017 Southern Flounder Stock Assessment Working Group
2015–2017 International Fisheries Section Fellow Award (Deputy Director)
2017–2019 Environmental Defense Fund Sediment Diversion Operations Working Group

Awards

2023 LSU Alumni Association Faculty Excellence Award
2020 Tiger Athletic Foundation Undergraduate Teaching Award
2019 Joseph Lipsey, Jr. & Richard A. Lipsey Excellence in Teaching Award
2019 Rising Faculty Research Award, LSU Alumni Association
2019 Pre-Tenure Award, LSU Chapter Phi Kappa Phi
2018 Dean's Outstanding Service Award
College of the Coast & Environment, LSU
2018 Outstanding Young Alumni Award
NC State University, College of Agriculture and Life Sciences

Media Appearances

**Apologies for any dead links. I remove them when I am aware they are no longer active, but often pages are removed before I can update this list*

Amazon Birds

- [BBC Brasil](#), November 2020
- [Washington Newsday](#), November 2020
- [The Guardian](#), October 2020
- [Eureka Alert](#), October 2020
- [United Press International](#), October 2020
- [Phys.org](#), October 2020
- [Courthouse News Service](#), October 2020
- [Science Daily](#), October 2020
- [CNN News 18](#), October 2020
- [Al Khaleej Today](#), November 2020

Shark Attack Research

- [LSU Research Magazine](#), September 2019
- [Forbes](#), September 2019
- [WUSA-9](#), June 2019
- [CNN](#), March 2019
- [US News and World Reports](#), March 2019
- New York Times, March 2019 (Page No Longer Available)
- [Minneapolis Star-Tribune](#), March 2019
- Washington Post, March 2019 (Page No Longer Available)
- [Independent](#), March 2019
- [Daily Mail](#), March 2019
- [Science Daily](#), March 2019
- [Fox News](#), March 2019
- [Honolulu Star-Advertiser](#), March 2019
- [Quest France](#), March 2019
- ABC News, March 2019 (Page No Longer Available)
- [Yahoo News](#), March 2019
- [Clinton Herald](#), March 2019
- Albany Times Union, March 2019 (Page No Longer Available)
- [West Hawaii Today](#), March 2019
- [The Tribune Review](#), March 2019
- [CTV News](#), March 2019
- [The Durango Herald](#), March 2019
- [Colorado Sentinel](#), March 2019
- [Daily Times](#), March 2019
- Seymour Tribune, March 2019 (Page No Longer Available)

- [LSU Reveille](#), March 2019
- [KUSI](#), March 2019
- [KCRG, 9-ABC](#), March 2019
- WKOW, March 2019 (Page No Longer Available)
- [The Detroit News](#), March 2019
- [Newser](#), March 2019
- [SBS News](#), March 2019
- [Daily Star](#), March 2019
- [Honolulu Star Advertiser](#), March 2019
- [Texarkana Gazette](#), March 2019
- [WWSB](#), February 2019
- [WSLS](#), February 2019
- [WAFF](#), February 2019
- [WFIE](#), February 2019
- [WTVM](#), February 2019
- [WTKR](#), February 2019
- [Inverse.com](#), February 2019
- [WCYB](#), February 2019
- [9 News](#), February 2019
- [Inside Hook](#), February 2019
- [Maritime Herald](#), February 2019
- [Earth.com](#), February 2019
- [Phys.org](#), February 2019
- [Quartz](#), February 2019
- [Health Day](#), February 2019

Tanzania Research

- [Phys.org](#), Fall 2018

Southern Flounder Research

- [Houston Chronicle](#), March 2020

Menhaden Research

- [Phys.org](#), April 2020
- [EurekAlert!](#), April 2020
- [ScienMag](#), April 2020

Twitter Research

- [LSU Research Magazine](#) (Page 35), Fall 2017

Microplastics Research

- [Baton Rouge Advocate](#), February 2019
- [WWNO New Orleans Public Radio](#), February 2020