

J. Marcus Drymon, Associate Extension Professor

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1. Professional Appointments

2023 – current	Associate Extension Professor, Mississippi State University
2017 – 2023	Assistant Extension Professor, Mississippi State University
2017 – current	Marine Fisheries Specialist, Mississippi-Alabama Sea Grant
2013 – 2017	Research Assistant Professor, University of South Alabama
2010 – 2013	Post-doctoral researcher, Dauphin Island Sea Lab
2004 – 2010	Contract Fisheries Biologist, NOAA Fisheries

2. Academic Preparation

2005 – 2010	PhD, Marine Science, University of South Alabama (Advisor, S Powers)
2001 – 2003	MS, Marine Biology, College of Charleston (Advisor, P Harris)
1995 - 2000	BS Marine Science, BS Biology, Coastal Carolina University

3. Peer-reviewed Publications (click [here](#) for link to Google Scholar profile)

81. Dominguez Rein-Loring P, **Drymon JM**, Fisher M, Martinez-Andrade F, Driggers WB III, J Rooker, Fujiwara M, RJD Wells. Tracking sharks through time: long-term trends along the Texas coast. Accepted at *Estuarine, Coastal, and Shelf Science*.
80. Lupton C, Woodrey M, Scyphers S, Temple N, **Drymon JM**, Sparks E. Effect of sediment grain size and oyster presence on oyster drill abundance. Accepted at *Marine Ecology Progress Series*.
79. **Drymon JM**, Curtis TH, Ajemian M, Banks KG, Casselberry G, Coffey BM, Danylchuk A, Dominguez P, Jargowsky AE, King KD, Kneebone J, McCallister M, Prasky E, Wells RJD. 2026. Characterizing a century of shark depredation in U.S. Atlantic recreational fisheries. *ICES Journal of Marine Science* 83(4) fsag060. <https://doi.org/10.1093/icesjms/fsag060>.
78. K Banks, PD Loring, **JM Drymon**, J Smith, RJD Wells, F Martinez-Andrade, W Driggers, M Streich. 2026. Evidence of an undescribed sandbar shark (*Carcharhinus plumbeus*) nursery in the western Gulf of America. *Frontiers in Marine Science*. 13:1814009. doi: 10.3389/fmars.2026.1814009
77. Matich P, Mullins LL, Plumlee JD, Fisher MR, Mareska J, **Drymon JM**. The dynamic nature of nearshore shark nurseries in the northern Gulf of Mexico. 2026. *Journal of Biogeography* 53: e70210. <https://doi.org/10.1111/jbi.70210>.
76. Lupton C, **Drymon JM**, Woodrey M, Temple N, Scyphers S, Sparks E. 2026. Comparative nekton habitat assessment of eroded-forest, marsh, and beach

- estuarine shorelines. *Journal of Environmental Management* 217: <https://doi.org/10.1016/j.marenvres.2026.107925>.
75. Van Compernelle M, ...**Drymon JM**, Sequeira A et al. 2025. Vulnerability of marine megafauna to global at-sea anthropogenic threats. *Conservation Biology* e70147. <https://doi.org/10.1111/cobi.70147>.
74. **Drymon JM**, Jargowsky AE, Switzer T, Hightower CL, Powers SP. 2025. Fishery-independent camera surveys provide novel observations of white sharks (*Carcharodon carcharias*) off coastal Alabama. *Frontiers in Marine Science*. doi.org/10.3389/fmars.2025.1628084
73. Prasky E, **Drymon JM**, Mitchell J, Jackson G, Scyphers S, Gray S, Casselberry G, Griffin L, Danylchuk A. 2025. A framework for fuzzy cognitive mapping workshops: shark depredation as a case study. *Fisheries*. <https://doi.org/10.1093/fshmag/vuaf066/8196262>
72. Huerta-Beltrán BL, **Drymon JM**, Jargowsky AE, Kyne PM, Phillips NM. 2025. The invisible trade of imperiled guitarfishes. *Conservation Biology* 39(5): e70087. <https://doi.org/10.1111/cobi.70087>
71. Wheeler AR, Wells RJD, Mohan JA, Richards T, Jargowsky MB, Falterman B, Carlson JK, **Drymon JM**. 2025. Regional differences in reproduction of the Blacktip Shark (*Carcharhinus limbatus*) in the northern Gulf of Mexico. *Marine and Coastal Fisheries* 17; vtaf006. <http://doi.org/10.1093/mcfafs/vta006>.
70. McCallister MP, Brewster L, Dean C, **Drymon JM**, Hutt C, Ostendorf TJ, Ajemian MJ. 2025. A multifaceted citizen-science approach for characterizing shark depredation in Florida's recreational fisheries. *ICES Journal of Marine Science* 82(2): fsaf013. <https://doi.org/10.1093/icesjms/fsaf013>
69. Dias PJ, Lehman RN, Huerta-Beltrán BL, Wheeler A, **Drymon JM**, Hightower CL, Heise J, Switzer TS, Rhode C, Albins M, Powers SP, Phillips NM. 2025. A novel ddPCR™ assay for eDNA detection and quantification of Greater Amberjack *Seriola dumerilli* and three congeners in US waters: challenges and application to fisheries independent surveys. *PeerJ* 13:e18778. DOI 10.7717/peerj.18778
68. Kim ESM, McDonald JC, Muñoz-Abril L, **Drymon JM**, Albins MA, Powers SP. 2024. Age, growth, and mortality of Gray Snapper in the Northcentral Gulf of Mexico. *Marine and Coastal Fisheries* 16: e10324. <http://dx.doi.org/10.1002/mcf2.10324>
67. **Drymon JM**, Jargowsky AE, Prasky EG, Camp EV, Oliphant A, Powers SP, Scyphers SB. 2024. Depredation: an old conflict with the sea. *Fish and Fisheries* 25(5): 806-810. <https://doi.org/10.1111/faf.12846>
66. Portnoy DS, O'Leary SJ, Fields AT, Hollenbeck CM, Grubbs RD, Peterson CT, Gardiner JM, Adams DH, Falterman BJ, **Drymon JM**, Higgs JM, Pulster EL, Murawski SA. 2024. Complex patterns of genetic population structure in the mouthbrooding marine catfish, *Bagre marinus*, in the Gulf of Mexico and U.S. Atlantic. *Ecology and Evolution* e11514. DOI: 10.1002/ece3.11514

65. Matich P, Plumlee J, Bubley W, Curtis TH, **Drymon JM**, Mullins L, Shipley O, Tinhon T, Fisher M. 2024. Long-term effects of climate change on juvenile bull shark migratory patterns. *Journal of Animal Ecology*. DOI: 10.1111/1365-2656.14140
64. Hayne AHP, Richards TM, **Drymon JM**, Falterman B, Miller NR, Wells RJD, Mohan JA. 2024. Vertebrae chemistry distinguishes regional populations of blacktip sharks (*Carcharhinus limbatus*) in the northern Gulf of Mexico. *Marine and Coastal Fisheries* 16:e10290. DOI: 10.1002/mcf2.10290
63. Mullins L, Cartwright J, Dykstra S, Evans K, Mareska J, Matich P, Plumlee J, Sparks E, **Drymon JM**. 2024. Warming waters lead to increased abundance and habitat suitability for juvenile bull sharks (*Carcharhinus leucas*). *Scientific Reports* 14:4100. DOI.org/10.1038/s41598-024-54573-0
62. Munro K, Hoopes L, Lyons K, **Drymon JM**, Frazier B, Rochman C. 2024. High microplastic and anthropogenic particle contamination in the gastrointestinal tracts of tiger sharks (*Galeocerdo cuvier*) caught in the western North Atlantic Ocean. *Environmental Pollution* 344: 123185. <https://doi.org/10.1016/j.envpol.2023.123185>
61. Postaire BD, Devloo-Delva F, Brunnschweiler JM, ...**Drymon JM**, et al. 2024. Global genetic diversity and historical demography of the bull shark *Carcharhinus leucas*. *Journal of Biogeography* 00: 1-17. DOI.10.1111/jbi.14774.
60. Prasky E, **Drymon JM**, Karnauskas M, Anderson AQ, Gibbs SL, Grabowski JH, Jargowsky AE, McAree DM, Osowski AR, Swinea SH, Scyphers SB. 2023. Depredation influences anglers' perceptions on coastal shark management and conservation in the United States Gulf of Mexico. *Frontiers in Conservation Science*. DOI.org/10.3389/fcosc.2023.1271223
59. Osowski AR, Jargowsky MB, Cooper PT, Powers SP, **Drymon JM**. 2023. Dietary habits of hardhead (*Ariopsis felis*) and gafftopsail (*Bagre marinus*) catfish revealed through DNA barcoding of stomach contents. *Fishes* 8, 539. <https://doi.org/10.3390/fishes8110539>.
58. Binstock AL, Richards TM, Gibson-Banks K, **Drymon JM**, Wells RJD, Mohan JA. 2023. Assessing ecological niches of blacktip sharks (*Carcharhinus limbatus*) in the Gulf of Mexico using stable isotope analysis of multiple tissues. *Fisheries Research* 268: 106849. DOI.org/10.1016/j.fishres.2023.106849
57. Swift DG, O'Leary SJ, Grubbs RD, Frazier BS, Gardiner JM, **Drymon JM**, Bethea DM, Portnoy DS. 2023. Philopatry influences the genetic population structure of the blacktip shark (*Carcharhinus limbatus*) at multiple scales. *Molecular Ecology* 32(18):4953-4970. DOI:10.1111/mec.17096
56. Banks KG, Streich MK, **Drymon JM**, Scyphers SB, Mohan JA, Wells RJD, Binstock AL, Richards TM, White CF, Whitney NM, Stunz GW. 2023. Talk is cheap: direct evidence of conservation-based changes in angler behavior. *Conservation Science and Practice* 5(9):e13001. DOI.org/10.1111/csp2.13001.
55. Frazier BS, Vinyard EA, Fields AT, Driggers WB III, Grubbs RD, Adams DH, **Drymon JM**, Gardiner JM, Hendon JM, Hoffmayer E, Hueter RH, Wells RJD, Wiley TR, Portnoy DS. 2023. Age, growth and maturity of the bonnethead *Sphyrna tiburo* in the US Gulf of

- Mexico. *Environmental Biology of Fishes* 106: 1597-1617. DOI.org/10.1007/s10641-023-01439-5.
54. Powers S, Hightower C, Hoenig J, Plumlee JD, Nelson TR, **Drymon JM**. 2023. Novel estimation of gear selectivity using a concurrent mass mortality event: a case study using red drum (*Sciaenops ocellatus*) in the northern Gulf of Mexico. *Fisheries Research* 263:106690. DOI.org/10.1016/j.fishres.2023.106690.
 53. Ebersole JA, Kelosky AT, Huerta-Beltran BL, Cicimurri DJ, **Drymon JM**. 2023. Observations on heterodonty within the dentitions of the Atlantic sharpnose shark, *Rhizoprionodon terraenovae* (Richardson, 1836) from the north-central Gulf of Mexico, USA, with implications on the fossil record. *PeerJ* 11:e15142. DOI 10.7717/peerj.15142.
 52. Devloo-Delva F, Burrridge C, Kyne P, ...**Drymon JM** et al. 2023. From rivers to ocean basins: the role of ocean barriers and philopatry in the genetic structuring of a cosmopolitan coastal predator. 2023. *Ecology and Evolution* 13(2): e9837. DOI.org/10.1002/ece3.9837
 51. Binstock A, Richards T, Wells RJD, **Drymon JM**, Gibson-Banks K, Streich M, Stunz G, White C, Whitney NM, Mohan J. 2023. Variable post-release mortality in common shark species captured in Texas shore-based recreational fisheries. *PLoS One* 18(2): e0281441. DOI.org/10.1371/journal.pone.0281441.
 50. Powers S, **Drymon JM**, Hightower C, Carleton L, Hoenig J. 2022. Direct estimates of reef fish abundance across an artificial reef network. *Canadian Journal of Fisheries and Aquatic Sciences* 80(4):676-689. DOI.org/10.1139/cjfas-2022-0094
 49. Mitchell JD, **Drymon JM**, Vardon J, ...et al. 2022. Shark depredation: future directions in research and management. *Reviews in Fish Biology and Fisheries* 33: 475-499. DOI.org/10.1007/s11160-022-09732-9.
 48. Gervassi CL, Nelson JA, Swart PK, Santos RO, Rezek RJ, James WR, Jefferson AE, **Drymon JM**, Carrol J, Boucek RE, Rehage JS. 2022. Otolith stable isotope micro-sampling to discriminate poorly studied stocks: Crevalle Jack in the eastern Gulf of Mexico. *Estuarine, Coastal and Shelf Science* 278:108130. DOI.org/10.1016/j.ecss.2022.108130.
 47. Jargowsky MB, Huerta-Beltrán BL, Ajemian MJ, Colvin ME, **Drymon JM**. 2022. Growth, reproduction, and age at maturity of Lessa's butterfly ray *Gymnura lessae* in the northern Gulf of Mexico. *Environmental Biology of Fishes* 105(9): 1237-1249. DOI.org/10.1007/s10641-022-01347-0.
 46. Branham CC, Frazier BS, Strange JB, Galloway AS, Adams DH, **Drymon JM**, Grubbs RD, Portnoy DS, Wells RJD, Sancho G. 2022. Diet of the bonnethead, *Sphyrna tiburo*, along the northern Gulf of Mexico and southeastern Atlantic coast of the United States. *Animal Biodiversity and Conservation* 45(2): 257-267. DOI: 10.32800/abc.2022.45.0257
 45. McClain MA, Hammerschlag N, Gallagher AJ, **Drymon JM**, Grubbs RD, Guttridge TL, Smukall MJ, Frazier BS, Daly Engel TS. 2022. Bisexual philopatry and long-term monogamy in a circumglobal marine predator. *Frontiers in Marine Science* 9:900107. DOI:10.3389/fmars.2022.900107

44. Anderson T, Meese E, **Drymon JM**, Stunz G, Falterman B, Menjivar E, Wells RJD. 2022. Diel vertical habitat use of a scalloped hammerhead and bigeye thresher shark. *Fishes* 7(4):148. DOI: 10.3390/fishes7040148.
43. Jefferson AE, Jargowsky MB, Ivec GM, Cooper PT, Carroll JL, Gervasi CL, Rehage JS, Mareska JF, Powers SP, **Drymon JM**. 2022. Age, growth and diet of crevalle jack (*Caranx hippos*) in the Gulf of Mexico. *Fisheries Management and Ecology* 29(5):608-626. DOI: 10.1111/fme.12550
42. Hightower CL, **Drymon JM**, Jefferson AE, Jargowsky MB, Seubert EA, Dedman S, Mareska JF, Powers SP. 2022. Population dynamics, relative abundance, and habitat suitability for adult red drum (*Sciaenops ocellatus*) in nearshore waters of the north-central Gulf of Mexico. *Fishery Bulletin* 120(2):162-175. DOI: 10.7755/FB.120.2.6
41. Mullins L, **Drymon JM**, Moore M, Skarke A, Moore A, Rodgers J. 2021. Defining distribution and habitat use of west-central Florida's coastal sharks through a citizen science research and education program. *Ecology and Evolution* 11(22): 16055-16069. DOI: 10.1002/ece3.8277
40. Scyphers SB, **Drymon JM**, Furman KL, Conley E, Niwa Y, Jefferson AE, Stunz GW. 2021. Understanding and enhancing angler satisfaction with fisheries management: insights from the "Great Red Snapper Count." *North American Journal of Fisheries Management* 41(3): 559-569. DOI: 10.1002/nafm.10579
39. Jefferson AE, Jargowsky MB, Schrandt MN, Cooper PT, Powers SP, Dindo JJ, **Drymon JM**. 2021. Age, growth and mortality of tripletail (*Lobotes surinamensis*) in the north-central Gulf of Mexico. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 13(3): 183-199. DOI: 10.1002/mcf2.10146
38. **Drymon JM**, Schweiss K, Seubert E, Lehman R, Daly-Engel T, Pflieger M, Phillips N. 2021. Swimming against the flow: eDNA can detect bull sharks (*Carcharhinus leucas*) across a dynamic deltaic interface. *Ecology and Evolution* 11(1):22-28. DOI: 10.1002/ece3.7101
37. **Drymon JM**, Jargowsky MB, Dance M, Lovell M, Hightower CL, Jefferson AE, Powers SP. 2021. Documentation of Atlantic tarpon (*Megalops atlanticus*) space use and move persistence in the northern Gulf of Mexico facilitated by angler advocates. *Conservation Science and Practice* 3(2):e331. DOI: 10.1111/csp2.331
36. Hines S, Vedral A, Jefferson A, **Drymon JM**, Woodrey M, Mabey S, Sparks E. 2020. Engaging online students by activating ecological knowledge. *Ecology and Evolution* 10(22):12472-12481. DOI: 10.1002/ece3.6739
35. Ajemian MJ, **Drymon JM**, Hammerschlag N, Wells RJD, Street G, Falterman B, McKinney JA, Driggers WB, Hoffmayer E, Fischer C, Stunz G. 2020. Movement patterns and habitat use of tiger sharks (*Galeocerdo cuvier*) across ontogeny in the Gulf of Mexico. *PLoS ONE* 15(7):e0234868. DOI: 10.1371/journal.pone.0234868
34. **Drymon JM**, Jefferson AE, Hightower CL, Powers SP. 2020. Descender devices or treat tethers: Does barotrauma mitigation increase opportunities for depredation? *Fisheries* 45(7):377-379. DOI: 10.1002/fsh.10476

33. **Drymon JM**, Dedman S, Froeschke JT, Seubert E, Jefferson AE, Kroetz AM, Powers SP. 2020. Defining sex-specific habitat suitability for a northern Gulf of Mexico shark assemblage. *Frontiers in Marine Science* 7:35. DOI: 10.3389/fmars.2020.00035.
32. Jargowsky MB, Cooper PT, Ajemian MJ, Colvin ME, **Drymon JM**. 2020. Discerning the dietary habits of the smooth butterfly ray *Gymnura lessae* using two distinct methods, otolith identification and metagenetics. *Journal of Fish Biology* 96(2):434-443. DOI: 10.1111/jfb.14221
31. Schweiss KE, Lehman RN, **Drymon JM**, Phillips NM. 2020. Development of highly sensitive environmental DNA methods for the detection of Bull Sharks, *Carcharhinus leucas*, using Droplet Digital™ PCR. *Environmental DNA* 2(1):3-12. DOI: 10.1002/edn3.39
30. Seubert EA, Hussey N, Valentine J, Powers SP, **Drymon JM**. 2019. Assessing trophic flexibility of a predator assemblage across a large estuarine seascape using blood plasma stable isotope analysis. *Foodwebs* 21:e00132. DOI: 10.1016/j.fooweb.2019.e00132
29. Vinyard EA, Frazier BS, **Drymon JM**, Gelsleichter JJ, Bubley WJ. 2019. Age, growth, and maturation of the finetooth shark, *Carcharhinus isodon*, in the Western North Atlantic Ocean. *Environmental Biology of Fishes* 102(12):1499-1517. DOI: 10.1007/s10641-019-00929-9
28. **Drymon JM**, Cooper PT, Powers SP, Miller MM, Magnuson S, Krell E, Bird CM. 2019. Genetic identification of species responsible for depredation in commercial and recreational fisheries. *North American Journal of Fisheries Management* 39(3): 524-534. DOI: 10.1002/nafm.10292
27. **Drymon JM**, Feldheim K, Fournier AMV, Seubert EA, Jefferson AE, Kroetz AM, Powers SP. 2019. Tiger sharks eat songbirds: reply. *Ecology* 100(11):e02728. DOI: 10.1002/ecy.2870
26. **Drymon JM**, Feldheim K, Fournier AMV, Seubert EA, Jefferson AE, Kroetz AM, Powers SP. 2019. Tiger sharks eat songbirds: scavenging a windfall of nutrients from the sky. *Ecology* 100(9):e02728. DOI: 10.1002/ecy.2728
25. Rooker JR, Dance MA, Wells RJD...**Drymon JM** et al. 2019. Population connectivity of pelagic megafauna in the Cuba-Mexico-U.S. triangle. *Scientific Reports* 9(1):1663. DOI: 10.1038/s41598-018-38144-8
24. Jefferson AE, Allman RJ, Pacicco AE, Franks JS, Hernandez FJ, Albins MA, Powers SP, Shipp RL, **Drymon JM**. 2019. Age and growth of gray triggerfish (*Balistes capriscus*) from a north-central Gulf of Mexico artificial reef zone. *Bulletin of Marine Science* 95(2):177-195. DOI: 10.5343/bms.2018.0025
23. Sackett DK, Catalano M, **Drymon JM**, Powers SP, Albins MA. 2018. Estimating exploitation rates in the Alabama Red Snapper fishery using a high-reward tag-recapture approach. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 10(6):536-549. DOI: 10.1002/mcf2.10049
22. Wells RJD, TinHan T, Dance M, **Drymon JM**, Falterman B, Ajemian MJ, Stunz GW, Mohan JA, Hoffmayer ER, Driggers WB III, McKinney JA. 2018. Movement, behavior

- and habitat use of a marine apex predator, the scalloped hammerhead. *Frontiers in Marine Science* 5:321. DOI: 10.3389/fmars.2018.00321
21. Powers SP, **Drymon JM**, Hightower CL, Spearman T, Bosarge GS, Jefferson A. 2018. Distribution and age composition of Red Snapper *Lutjanus campechanus* across the inner continental shelf of the north-central Gulf of Mexico. *Transactions of the American Fisheries Society* 147(5):791-805. DOI: 10.1002/tafs.10081
 20. Jackson LC, **Drymon JM**, Nelson TR, Powers SP. 2018. Biotelemetry based estimates of greater amberjack (*Seriola dumerili*) post-release mortality in the northcentral Gulf of Mexico. *Fisheries Research* 208:239-246. DOI: 10.1016/j.fishres.2018.07.017
 19. Grüss A, Perryman H, Babcock EA, ... **Drymon JM** et al. 2018. Monitoring programs of the US Gulf of Mexico: inventory, development of a large monitoring database, and use of the large monitoring database to map the spatial distribution of fish and invertebrates of the US Gulf of Mexico. *Reviews in Fish Biology and Fisheries* 28(4):667-691. DOI: 10.1007/s11160-018-9525-2
 18. **Drymon JM**, Wells RJD. 2017. Double tagging clarifies post-release fate of great hammerheads (*Sphyrna mokarran*). *Animal Biotelemetry* 5(28):1-7. DOI: 10.1186/s40317-017-0143-x
 17. **Drymon JM**, Scyphers SB. 2017. Attitudes and perceptions influence recreational angler support for shark conservation and fisheries sustainability. *Marine Policy* 81:153-159. DOI: 10.1016/j.marpol.2017.03.001
 16. Karnauskas M, Walter J, Campbell MD, Pollack AG, **Drymon JM**, Powers SP. 2017. Red Snapper distribution on natural habitats and artificial structures in the northern Gulf of Mexico. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 9(1):50-67. DOI: 10.1080/19425120.2016.1255684
 15. Kroetz AM, **Drymon JM**, Powers SP. **2016**. Comparative dietary diversity and trophic ecology of two estuarine mesopredators. *Estuaries and Coasts*. DOI: 10.1007/s12237-016-0188-8
 14. Harrington T, Plumlee JD, **Drymon JM**, Wells RJD. **2016**. Diets of Atlantic Sharpnose Shark (*Rhizoprionodon terraenovae*) and Bonnethead (*Sphyrna tiburo*) in the northern Gulf of Mexico. *Gulf and Caribbean Research* 27(1):42-51. DOI: 10.18785/gcr.2701.05
 13. Davis WT, **Drymon JM**, Powers SP. **2015**. Spatial and dietary overlap leads to competition between red snapper (*Lutjanus campechanus*) and vermilion snapper (*Rhomboplites aurorubens*). *PLoS One* 10(12): e0144051. DOI: 10.1371/journal.pone.0144051
 12. Kroetz AM, Powers SP, **Drymon JM**, Park K. **2015**. Anthropogenic modifications to a barrier island modify Bonnethead (*Sphyrna tiburo*) movements in the northern Gulf of Mexico. *Animal Biotelemetry* 3(1):38. DOI: 10.1186/s40317-015-0067-2
 11. **Drymon JM**, Ajemian MJ, Powers SP. **2014**. Dynamic habitat use of young bull sharks (*Carcharhinus leucas*) in a northern Gulf of Mexico estuary. *PLoS One* 9(5):e97124. DOI: 10.1371/journal.pone.0097124

10. Scyphers SB, Powers SP, Akins JL, **Drymon JM**, Martin CW, Schobernd ZH, Schofield PJ, Shipp RL, Theodore TS. **2014**. The role of citizens in detecting and responding to a rapid marine invasion. *Conservation Letters*. DOI: 10.1111/conl.12127
9. Powers SP, Hernandez FJ, Condon RH, **Drymon JM**, Free C. **2013**. Novel pathways for injury: direct, sublethal and indirect effects of the Deepwater Horizon explosion on pelagic *Sargassum* communities. *PLoS One* 8(9):e74802. DOI: 10.1371/journal.pone.0074802
8. **Drymon JM**, Carassou L, Powers SP, Grace MA, Dindo J, Dzwonkowski B. **2013**. Multi-scale analysis of factors affecting the distribution of sharks throughout the Gulf of Mexico. *Fishery Bulletin* 111: 370-380.
- 7.* Powers SP, Fodrie FJ, Scyphers SB, **Drymon JM**, Shipp RL, Stunz W. **2013**. Gulf-wide decreases in the size of large coastal sharks documented by generations of fishermen. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 5(1):93-102. DOI: 10.1080/19425120.2013.786001
***Named Outstanding Paper of 2013 in Marine and Coastal Fisheries**
6. Gregalis KC, Schlenker LS, **Drymon JM**, Mareska J, Powers SP. **2012**. Efficacy of vertical longlines to survey reef fish populations in the northern Gulf of Mexico. *Transactions of the American Fisheries Society* 141: 1453-1464. DOI: 10.1080/00028487.2012.703154
5. **Drymon JM**, Powers SP, Carmichael RH. **2012**. Trophic plasticity in the Atlantic sharpnose shark (*Rhizoprionodon terraenovae*) in the northern Gulf of Mexico. *Environmental Biology of Fishes* 95(1):21-35. DOI: 10.1007/s10641-011-9922-z
4. Powers SP, Hightower CL, **Drymon JM**, Johnson M. **2012**. Age composition and distribution of red drum (*Sciaenops ocellatus*) in offshore waters of the north central Gulf of Mexico: an evaluation of a stock under a federal harvest moratorium. *Fishery Bulletin* 110(3): 283-292.
3. **Drymon JM**, Powers SP, Dindo J, Dzwonkowski B, Henwood T. **2010**. Distribution of sharks across a continental shelf in the northern Gulf of Mexico. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 2(1):440-450. DOI: 10.1577/C09-061.1
2. Ulrich GF, Jones CM, Driggers WB, **Drymon JM**, Oakley D, Riley C. **2007**. Habitat utilization, relative abundance and seasonality of sharks in the estuarine and nearshore waters of South Carolina. *American Fisheries Society Symposium* 50:125-139.
1. **Drymon JM**, Driggers WB, Oakley D, Ulrich GF. **2006**. Investigating differences in life history parameters among small coastal sharks: comparing the finetooth shark, *Carcharhinus isodon*, between the Gulf of Mexico and the Northwest Atlantic Ocean. *Gulf of Mexico Science* (1/2): pp 2-10. DOI: 10.18785/goms.2401.02

In review/revision (13)

13. Mitchell JD, Huveneers C, Kennelly S, Camilieri-Asch V, Usher M, McPhee D, Chin A, Kirke A, **Drymon JM**, Jackson G. Identifying methods to mitigate shark

- depredation: an Australian case study. In review at Reviews in Fish Biology and Fisheries.
12. Sweezy B, Rooker J, Dance M, Hoffmayer E, Driggers WB, **Drymon JM**, Nutall M, Krebs B, Branham C, Randall L, Lowerre-Barbieri S, Cantrell S, Falterman B, Wells RJD. Spatiotemporal patterns and habitat use of the silky shark and sandbar shark at the Flower Garden Banks National Marine Sanctuary. In review at Frontiers in Marine Science.
 11. Swift D, Fields A, Grubbs RD, Feldheim KA, Gardiner J, **Drymon JM**, Portnoy DS. Assessing MHC-associated mate choice in the blacktip shark (*Carcharhinus limbatus*). In review at Environmental Biology of Fishes.
 10. M Dance, J Rooker, RJD Wells, M Winton, L Randall, M Nuttall, B Krebsm, C Brandham, B Sweezy, **JM Drymon**, S Lowerre-Barbieri, R Kline, B Falterman, G Skomal. White shark occurrence in Flower Garden Banks National Marine Sanctuary revealed from a large-scale acoustic telemetry array in an offshore MPA. In review at Frontiers in Marine Science.
 9. AE Jargowsky, AQ Anderson, D McAree, MB Jargowsky, A Collins, M Streich, N Haddad, M Sippas, **Drymon JM**. Depredation on descender deices: a gulf-wide investigation. In review at North American Journal of Fisheries Management.
 8. Cave EJ, Weber A, Criscitiello MF, **Drymon JM**, Frazier BS, Grubbs RD, Hammerschlag N, Smukall M, Lopez J, Harker B, Daly-Engel TS. Seascape genomics reveals fine-scale environmental adaptation in the circumglobal tiger shark (*Galeocerdo cuvier*). In Review at Molecular Ecology.
 7. Lupton C, Drymon JM, Temple N, Scyphers S, Woodrey M, Sparks E. Linking Local Ecological Knowledge and Management Perspectives on Oyster Predation in Mississippi and Alabama. In review at Journal of Environmental Management.
 6. Mullins L, Cartwright J, Evans K, Mareska J, Sparks E, **Drymon JM**. Digitizing fisheries data collection: implementation, visualization, and evaluation. In Review at Fisheries.
 5. Herrera M, others, **Drymon JM**, Rehage J, Gervasi C. From Florida to Texas: Seasonal movements of Crevalle Jacks informed by collaborative acoustic telemetry. In review at Canadian Journal of Fisheries and Aquatic Sciences.
 4. Chenier K, **Drymon JM**, Darnell K, Sparks S. The importance of submerged aquatic vegetation as a basal carbon source to nekton in an oligohaline ecosystem. In review at Estuaries and Coasts.
 3. D'Antonio B, Couto T, Ajemian M, Aoki D, Buckel J...**Drymon JM**, et al. Network analysis identifies opportunity to protect areas important for multi-species spatial connectivity. In review at Diversity and Distributions.
 2. Richards TM, **Drymon JM**, Mohan JA, Falterman B, Williams E, Wheeler AR, Jargowsky AE, Banks KG, Hayne AHP, Carlson JK, Wells RJD. Age and growth dynamics of the Blacktip Shark (*Carcharhinus limbatus*) in the northern Gulf of Mexico. In review at Frontiers in Fish Science.

1. Hayne AHP, Richards TM, **Drymon JM**, Falterman B, Cruz-Uribe A, Carlson J, Miller NR, Wells RJD, Mohan JA. Elemental chemistry reveals uncoupling of vertebral bands, mineralization, and time in blacktip sharks (*Carcharhinus limbatus*) in the northern Gulf of Mexico. In review at Journal of Fish Biology.

4. Grant Funding

- 2026-2027. *Synthesizing knowledge and filling critical data gaps in the management of multi-jurisdictional finfish: cobia and tripletail*. Gulf States Marine Fisheries Commission. Powers (PI), **Drymon (and others, co-PIs)**. \$3,000,000 total, \$909,934 to Drymon.
- 2026-2027. *Expanded fisheries monitoring in Alabama: bottom longline*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$138,736 total, all for Drymon.
- 2026-2027. *The Center for Human-Shark Coexistence: proof of concept*. Gulf States Marine Fisheries Commission. **Drymon (PI)**. \$344,941
- 2026-2027. *The disCARD: a novel, hybrid catch card for quantifying reef fish discards across the United States* Gulf of America. Gulf States Marine Fisheries Commission. **Drymon (PI)**, and others, co-PIs). \$1,965,306
- 2025-2026. *Reef fish monitoring*. Mississippi Department of Marine Resources. MDMR (PI), **Drymon (co-PI)**. \$147,353.
- 2025-2026. *Sheephead acoustic telemetry*. Mississippi Department of Marine Resources. MDMR (PI), **Drymon (co-PI)**. \$84,020.
- 2024-2028. *Mississippi State University Marine Outreach and Extension*. US. Department of Commerce/NOAA/Mississippi-Alabama Sea Grant Consortium. Sparks (PI), **Drymon (and others, co-PIs)**. \$2,800,000.
2023. *SEC Faculty Travel Award*. **Drymon (PI)**. \$850 total.
2023. *Gulf of Mexico Alliance DEI Internship Program*. Sparks (PI), **Drymon (and others, co-PI)**. \$15,000 total.
- 2023-2026. *Mississippi Sound Estuary Program*. Sparks (PI), **Drymon (co-PIs)**. \$800,000 total.
- 2023-2024. *Characterizing and reducing post-release mortality of blue marlin in pelagic longline fisheries in the Gulf of Mexico*. NOAA BREP. Dance (PI), **Drymon (and others, co-PIs)**. \$180,540 total, \$34,444 to Drymon.
- 2023-2026. *Restoring for bluefin tuna via fishing depth optimization*. NOAA Restoration Center. **Drymon (PI)**. \$2,427,980 total.
- 2022-2023. *Mitigating interactions between sharks and snapper-grouper fisheries in southeastern United States through implementation of novel deterrent devices*.

- NOAA BREP. Ajemian (PI), **Drymon (and others, co-PIs)**. \$197,595 total, \$31,023 to Drymon.
- 2021-2025. *Extending our Reach: a multi-state collaborative approach to reef fisheries Extension* National Sea Grant Office. **Drymon (PI)** and 16 co-PIs. \$1,599,403.
- 2021 – 2023. *Do descender devices increase opportunities for depredation? A Gulf-wide examination of descender device depredation rates and depredating species*. Gulf States Marine Fisheries Commission. **Drymon (PI)**, Collins and Stunz (co-PIs). \$238,213 total, \$193,895 to Drymon.
- 2021-2022. *Characterizing cryptic mortality in Gulf of Mexico (GoM) reef fish: evaluating the nature and extent of depredation*. NOAA RESTORE. **Drymon (PI)** and 9 co-PIs. \$124,791.
- 2021-2023. *Greater Amberjack (*Seriola dumerili*) abundance, distribution and movement in the South Atlantic and Gulf of Mexico*. Mississippi-Alabama Sea Grant Consortium. Powers (PI), **Drymon (and others, co-PIs)**. \$9,000,000 total, \$274,909 to Drymon.
- 2021-2022. *Using a citizen-science approach to characterize shark depredation in the recreational fisheries of the southeast United States*. NOAA CRP. Ajemian (PI), **Drymon (and others, co-PIs)**. \$195,306 total, \$14,340 to Drymon.
- 2021 – 2025. NOAA National Ocean Service. Habitat requirements and ecosystem connectivity of reef-associated fishes in the Gulf of Mexico. Rooker (PI), **Drymon (and others, co-PIs)**. \$1,985,574 total, \$38,329 to Drymon.
- 2021 – 2024. Florida Sea Grant. Fish Descender Device Extension. Larkin (PI), **Drymon (and others, co-PIs)**. \$23,800 to Drymon.
- 2020-2021. Assisting commercial and charter-for-hire fishers with COVID-19 recovery through novel branding efforts and Extension products. National Sea Grant Office. **Drymon (PI)**. \$25,000.
- 2020-2021. *Life history and age validation of blacktip sharks (*Carcharhinus limbatus*) in the Gulf of Mexico*. NOAA CRP. Wells (PI), **Drymon (and others, co-PIs)**. \$150,000 total, \$37,089 to Drymon.
- 2020-2021. *Expanded fisheries monitoring in Alabama: bottom longline*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$115,850 total, all for Drymon.
- 2019-2021. *Trawler fishermen's personal flotation devices: wear assessment and prototype development*. Centers for Disease Control and Prevention. Black (PI), **Drymon (and others, co-PI)**. \$619,260 total, \$28,792 for Drymon.
- 2019-2020. *Understanding population dynamics of adult red drum*. Gulf of Mexico Fishery Management Council. **Drymon (PI)**, Powers (co-PI). \$50,000 total, all for Drymon.
- 2019-2020. *Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags*. NOAA CRP. Mohan (PI), **Drymon (and others, co-PIs)**. \$240,892 total, \$15,053 to Drymon

- 2019-2020. *Expanded fisheries monitoring in Alabama: bottom longline, trophic ecology, data analysis*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$233,000 total, all for Drymon.
- 2018-2022. *Mississippi State University Marine Outreach and Extension*. US. Department of Commerce/NOAA/Mississippi-Alabama Sea Grant Consortium. Sparks (PI), **Drymon (and others, co-PIs)**. \$460,000.
- 2017-2019. *Estimating absolute abundance of red snapper in the US Gulf of Mexico*, Mississippi-Alabama Sea Grant Consortium. Stunz (PI), **Drymon (and others, co-PIs)**. \$9,500,000 total, \$336,575 to Drymon
- 2017-2018. *Expanded fisheries monitoring in Alabama: red snapper tagging, vertical longline, bottom longline, trophic ecology*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. **Drymon (PI)**, Powers (co-PI). \$1,454,620
- 2017-2018. *Expanded fisheries monitoring in Alabama: habitat mapping, fish movement, data management, trawl*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$1,118,600.
- 2016-2018. *Monitoring structural integrity and ecological benefits of inshore and offshore constructed reefs*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$1,098,250.
- 2016-2018. *Stock structure and life history of the bonnethead (*Sphyrna tiburo*) in US waters*. NOAA Saltonstall-Kennedy (S-K) Program. Frazier (PI), **Drymon (co-PI)**. \$12,157 to Drymon.
2016. *Expanded fisheries monitoring in Alabama: red snapper tagging, vertical longline, bottom longline*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. **Drymon (PI)**, Powers (co-PI). \$657,000.
2016. *Expanded fisheries monitoring in Alabama: habitat mapping, fish movement, data management, trawl*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$559,300.
2016. *An experimental design to estimate absolute abundance of red snapper in the US Gulf of Mexico*. Mississippi-Alabama Sea Grant Consortium. Stunz (PI), **Drymon (and others, co-PI)**. \$99,595.
2016. *Change-in-ratio- methods for estimating recreational exploitation rate and absolute abundance of Mexico Red Snapper*. Mississippi-Alabama Sea Grant Consortium. Powers (PI), **Drymon (and others, co-PI)**. \$99,920.
2016. *Assessing reef fish and shark populations in coastal Alabama via fishery independent surveys*. Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$143,800.

- 2015-2017. *The Alabama Center for Ecological Resilience (ACER)*. Gulf of Mexico Research Initiative. Valentine (PI), **Drymon (co-PI)**. \$12,000,000. \$223,112 to Drymon.
2015. *Expanded fisheries monitoring in Alabama: vertical longline and bottom longline*. National Fish and Wildlife Foundation via Alabama Department of Conservation and Natural Resources. **Drymon (PI)**, Powers (co-PI). \$278,300.
2015. *Using satellite telemetry to track movements of Alabama's state saltwater fish, Atlantic tarpon (*Megalops atlanticus*)*. Coastal Conservation Association of Alabama. **Drymon (PI)**. \$5,100.
2015. *Tiger sharks and the songbirds they eat: examining a unique interaction in Alabama's coastal ecosystem*. Birmingham Audubon Society. **Drymon (PI)**. **\$1,000**.
- 2014-2016. *Ecosystem-Based Fisheries Assessment of Reef Fishes in the Northcentral Gulf of Mexico*. NOAA MarFIN Program. Powers (PI), **Drymon (co-PI)**. \$322,979.
- 2014-2015. *Genetic monitoring and stock structure of two large coastal sharks using high throughput next-generation sequencing*. NOAA CRP Program. Portnoy (PI), **Drymon (co-PI)**. \$9,063 to Drymon.
2014. *Using acoustic and satellite telemetry to track movements of Alabama's state saltwater fish, Atlantic tarpon (*Megalops atlanticus*)*. Mississippi-Alabama Sea Grant Consortium. **Drymon (PI)**. \$19,112.
2014. *Using sharks as a tool to investigate ecosystem health in coastal Alabama*. University of South Alabama Center for Environmental Resiliency. **Drymon (PI)**. \$9,000.
2014. *Expanding the shark and ray teaching collection at the Dauphin Island Sea Lab*. University of South Alabama Center Support and Development Award. **Drymon (PI)**. \$934.
2011. *Floating Sargassum communities of the Gulf of Mexico: data collection for the continued assessment of associated faunal assemblages, trophic interactions and habitat function in the wake the Deepwater Horizon oil spill*. Gulf of Mexico Research Initiative. Hernandez (PI), **Drymon (and others, co-PI)**. \$203,776.
- 2010-2015. *Assessing reef fish and shark populations in coastal Alabama via fishery independent surveys*. Alabama Department of Conservation and Natural Resources. Powers (PI), **Drymon (co-PI)**. \$600,000
- 2010-2011. *Impacts of the Deepwater Horizon Accident on food web structure in the north-central Gulf of Mexico*. Northern Gulf of Mexico institute via Gulf of Mexico Research Initiative. Valentine (PI), **Drymon (and others, co-PI)**. \$330,832.
2009. *Setting up CAAMP (Coastal Alabama Acoustic Monitoring Program): development of a hydrophone array in Mobile Bay estuary to examine movements of large mobile predators*. Shelby Center for Ecosystem Based Fishery Management. Powers (PI), **Drymon (and others, co-PI)**. \$88,875.
2008. *Using stable isotopes to explore trophic connectivity in sharks in the northern Gulf of Mexico*. Mississippi-Alabama SeaGrant Consortium. Powers (PI), **Drymon (co-PI)**. \$9,920.

2003. *Age, Growth and Reproduction of the Finetooth Shark (Carcharhinus isodon) in the Coastal Waters of South Carolina*. P.A.D.I. Project AWARE. **Drymon (PI)**. \$1,000.

5. Awards

Mississippi Wildlife Federation Fisheries Conservationist of the Year	2019
Fellow, American Institute of Fishery Research Biologists	2020

6. Mentoring and Teaching

Major Professor to (6)

Conrad Pfalzgraf, Mississippi State University (MS)	2026 – current
Carly Standbridge, Mississippi State University (MS)	2026 – current
Alena Anderson, Mississippi State University (MS)	2022 – 2026
Danielle McAree, Mississippi State University (MS)	2022 – 2026
Lindsay Mullins, Mississippi State University (PhD)	2021 – 2025
Matt Jargowsky, Mississippi State University (MS)	2018 - 2019
Emily Seubert, University of South Alabama (MS)	2015 - 2019
Amanda Jefferson, University of South Alabama (MS)	2015 – 2017

Master's Committee Member for (16)

Taryn Hood, Texas A&M Galveston	2024 - current
Micayla Cochran, University of Southern Mississippi	2023 - 2026
Jensen Smith, Texas A&M-Corpus Christi	2023 - current
Jaden Akers, Mississippi State University	2022 - 2026
Bryan Huerta-Beltran, University of Southern Mississippi	2021 - 2025
Edward Kim, University of South Alabama	2021 - 2024
Keith Chenier, Mississippi State University	2020 - 2024
Lindsay Mullins, Mississippi State University	2018 – 2020
Maggie McClain, University of West Florida	2017 – 2019
Katherine Schweiss, University of Southern Mississippi	2017 – 2019
Ariel Egan, University of West Florida	2016 – 2018
Laura Stone, University of South Alabama	2014 – 2015
Amanda Brown, University of North Florida	2012 – 2015
Gisela Harper, University of Alabama Huntsville	2010 – 2015
Erin Money, University of South Alabama	2008 – 2012
Jaime Miller, University of South Alabama	2007 – 2014

PhD Committee Member for (14)

Creed Branham, Louisiana State University	2026 - current
Alejandra Herrera, Florida International University	2025 - current
Manuel Coffill-Rivera, University of South Alabama	2024 - current
Paula Dominguez, Texas A&M Galveston	2024 - current
Michael McCallister, Florida Atlantic University	2023 - current
Cynthia Lupton, Mississippi State University	2023 - current
Matthew Virden, Mississippi State University	2022 - current
Helen Olmi, University of Southern Mississippi	2018 - 2021
Liese Carleton, Virginia Institute of Marine Science	2017 - 2020

Haley Nicholson, University of South Alabama	2015 - 2017
Reid Nelson, University of South Alabama	2015 - 2017
Pearce Cooper, University of South Alabama	2015 - 2017
Ashley Melancon, Louisiana State University	2014 - 2019
Andrea Kroetz, University of South Alabama	2013 - 2015

NSF REU Advisor to (2)

Jessica Jimenez, Cal State	2016
Will Davis, Princeton	2012, 2013

Internship Advisor to (18)

Beck Stafford (2025, Troy University), Conrad Pfalzgraf (2025, Redlands University) Timothy Smoot (2024, University of Delaware), Morgan Pfeiffer (2024, NOVA Southeastern), (Kirsten Bauer (2023, Longwood University), Sarah Theisen (2023, Wittenberg College), Alyssa Pagel (2022, University of Wisconsin, Stevens Point) Caitlin Zimmer (2022, Tulane) Alena Anderson (2021, UC San Diego), Danielle McAree (2021, UMass), Bryan Huerta (2020, Delaware Valley State University), Catherine Cowan (2020, Florida Institute of Technology), Kindall Calhoun (2020, University of South Alabama), Sierra Greene (2019, University of South Florida), Genevive Ivec (2019, Ohio State University), Katya Jagolta (2018, University of Miami), Kathleen Gill (2018, University of Washington), Garrett Dunne (2018, Northeastern University)

College Courses Taught

The Biology and Ecology of Fishes, Northeastern University	2016, 2017
Ocean Science, University of South Alabama	2015
The Biology of Sharks and Rays, University of South Alabama	2012 - 2025

7. Extension Books

3. **Drymon JM**, ed. Contributing authors Huerta BL, Jargowsky MB, Seubert EA. **2021**. Mississippi's Sharks and Rays: an educational guide for Mississippi Aquarium. Mississippi State University Extension publication 3650 and Mississippi-Alabama Sea Grant Consortium publication MASGP-21-016. 52 pp.

2. **Drymon JM**, ed. Contributing authors Jargowsky MB, Jefferson AE, Seubert EA. **2020**. FISHES: Fishermen Invested in Science, Healthy Ecosystems, and Sustainability. Mississippi State University Extension publication 3575 and Mississippi-Alabama Sea Grant Consortium publication MASGP-20-053. 72 pp.

1. Calhoun KM, Jefferson AE, **Drymon JM**. **2020**. A Guide to Fishermen Training Programs. Mississippi State University Extension publication 3527 and Mississippi-Alabama Sea Grant Consortium publication MASGP-20-047. 24 pp.

8. Extension Products

19. **Drymon JM**. **2025**. Trade in a mythical fish is threatening real species of rays that are rare and at risk. Article written for The Conversation.

18. **Drymon JM. 2025.** Jacks can be better. Article for January/February issue of CCA TIDE magazine.
17. Pfeiffer MA, Anderson AQ, Smoot TJ, Wheeler AR, McAree DM, McGregor AJ, **Drymon JM. 2024.** Marine Science Career Resources. Fact sheet. Mississippi-Alabama Sea Grant Consortium publication MASGP-24-041 and MSUES publication M2479.
16. Pfeiffer MA, Wheeler AR, Smoot TJ, Anderson AQ, McAree DM, McGregor AJ, **Drymon JM. 2024.** Marine Science Career Resources. Story map. Mississippi-Alabama Sea Grant Consortium publication MASGP-24-039.
15. **Drymon JM. 2024.** Sharks are taking a bite out of anglers' catch in the Gulf of Mexico, but culling isn't likely to help. Article written for The Conversation.
14. **Drymon JM, Mullins L, Matich P. 2024.** Baby bull sharks are thriving in Texas and Alabama bays as the Gulf of Mexico warms. Article written for The Conversation.
13. Bauer KR, Anderson AQ, McAree DM, Jargowsky AE, Wheeler AR, **Drymon JM. 2024.** A Guide to Saltwater Fishing Clubs for the Northern Gulf Angler. Story map. Mississippi-Alabama Sea Grant Consortium publication MASGP-24-014.
12. Bauer KR, Anderson AQ, McAree DM, Jargowsky AE, **Drymon JM. 2024.** A Guide to Saltwater Fishing Clubs for the Northern Gulf Angler. Fact sheet. Mississippi-Alabama Sea Grant Consortium publication MASGP-24-013 and Mississippi State University Extension publication M2461.
11. Bauer KR, Anderson AQ, McAree DM, Jargowsky AE, **Drymon JM. 2024.** Underwater Invaders: Lionfish in the Gulf of Mexico. Fact sheet. Mississippi-Alabama Sea Grant Consortium publication MASGP-24-032 and Mississippi State University Extension publication M2463.
10. McAree DM, Anderson AQ, Jargowsky AE, **Drymon JM. 2023.** Whatever happened with the Great Red Snapper Count? Story map. Mississippi-Alabama Sea Grant Consortium publication MASGP-23-031.
9. Pagel AM, Zimmer CE, Osowski AR, McAree DM, Anderson AQ, **Drymon JM. 2023.** You Don't Know Jacks! A Guide to Gulf of Mexico *Seriola* Jacks. Mississippi State University Extension publication 3852 and Mississippi-Alabama Sea Grant Consortium publication MASGP-22-038.
8. Jefferson AE, **Drymon JM. 2021.** The Great Red Snapper Count: Project Results. Mississippi-Alabama Sea Grant Consortium publication MASGP-20-038 and Mississippi State University Extension publication 3602. 2 pp, with accompanying whiteboard video.
7. Cowan CJ, Jefferson AE, Jargowsky MB, **Drymon JM. 2020.** Are You Older Than a Fish? Maximum Ages of Gulf of Mexico Bony Fishes. Mississippi-Alabama Sea Grant Consortium publication MASGP-20-045 and Mississippi State University Extension publication 3547. 1 pp.
6. Jefferson AE, **Drymon JM. 2019.** The Great Red Snapper Count: Tagging Study. Mississippi-Alabama Sea Grant Consortium publication MASGP-18-019-05 and Mississippi State University Extension publication 3354. 2 pp, with accompanying whiteboard video.

5. Jefferson AE, **Drymon JM. 2018.** The Great Red Snapper Count: Depletion Studies. Mississippi-Alabama Sea Grant Consortium publication MASGP-18-019-04 and Mississippi State University Extension publication 3303. 2 pp, with accompanying whiteboard video.
4. Jefferson AE, **Drymon JM. 2018.** The Great Red Snapper Count: Direct Visual Counts. Mississippi-Alabama Sea Grant Consortium publication MASGP-18-019-03 and Mississippi State University Extension publication 3283. 2 pp, with accompanying whiteboard video.
3. Jefferson AE, **Drymon JM. 2018.** The Great Red Snapper Count: Habitat Classification. Mississippi-Alabama Sea Grant Consortium publication MASGP-18-019-02 and Mississippi State University Extension publication 3282. 2 pp, with accompanying whiteboard video.
2. Jefferson AE, **Drymon JM. 2018.** The Great Red Snapper Count: Project Overview. Mississippi-Alabama Sea Grant Consortium publication MASGP-18-019-01 and Mississippi State University Extension publication 3281. 2 pp, with accompanying whiteboard video.
1. Jefferson AE, **Drymon JM. 2018.** The Great Red Snapper Count. Mississippi State University Extension publication 3241. 4 pp, with accompanying whiteboard video.

9. Technical Reports

17. Mullins L, **Drymon JM. 2026.** Standardized catch rates of sandbar shark (*Carcharhinus plumbeus*) surveyed during bottom longline surveys in coastal waters of the northern Gulf of America, 2006-2025. SEDAR101. SEDAR, North Charleston, SC. 16 pp.
16. Gervasi C, McPherson M, Karnauskas M, **Drymon JM**, Prasky E, Aycock H. **2023.** Using stakeholder knowledge to better understand uncertainty in the Gulf of Mexico red snapper stock assessment model. SEDAR74-RW-XX. SEDAR, North Charleston, SC. 27 pp.
15. **Drymon JM**, Osowski A, Jefferson A, Anderson A, McAree D, Scyphers S, Prasky E, Swinea S, Gibbs S, Karnauskas M, Gervasi C. **2022.** Co-Producing a Shared Characterization of Depredation in the Gulf of Mexico Reef Fish Fishery: 2022 Workshop Summary Report. SEDAR74-DW-32. SEDAR, North Charleston, SC. 25 pp.
14. Hoffmayer E, Pollack A, Hendon J, **Drymon JM**, Powers SP. **2021.** Standardized Catch Rates Of Great Hammerheads (*Sphyrna mokarran*) Collected During Bottom Longline Surveys In Coastal Waters Of The Northern Gulf Of Mexico, 2006-2019. SEDAR77-DW25. SEDAR, North Charleston, SC. 38 pp.
13. Mohan JA, Wells RJD, **Drymon JM**, Stunz G, Streich M. **2021.** Preliminary post-release mortality estimates for the shore-based recreational shark fishery in Texas. SEDAR77-DW07. SEDAR, North Charleston, SC. 38 pp.
12. Jargowsky MB, Powers SP, **Drymon JM. 2021.** Size distribution and trends in relative abundance of scalloped hammerheads (*Sphyrna lewini*) in the northern Gulf of Mexico, 2006-2021. SEDAR77-DW06. SEDAR, North Charleston, SC. 11 pp.
11. Stunz GW, WF Patterson III, SP Powers, JH Cowan, JR Rooker, RA Ahrens, K Boswell, L Carleton, M Catalano, **JM Drymon**, J Hoenig, R Leaf, V Lecours, S Murawski, D Portnoy, E Saillant, LS Stokes, and RJD Wells. **2021.** Estimating the absolute

abundance of age-2+ red snapper (*Lutjanus campechanus*) in the U.S. Gulf of Mexico. Mississippi-Alabama Sea Grant Consortium, NOAA Sea Grant. 408 pages.

10. **Drymon M**, Jefferson A, Jargowsky M, Seubert E, Dedman S, Mareska J, Hightower C, Powers S. **2020**. Understanding population dynamics of adult red drum (*Sciaenops ocellatus*). Report to Gulf of Mexico Fishery Management Council.
9. Walter J, **Drymon JM**, Gardner C, Hightower C, Patterson W, Powers S. **2017**. A multinomial predictive model to incorporate ROV length data. SEDAR technical document SEDAR52-AWXX.
8. Hightower CL, **Drymon JM**, Powers SP. **2016**. Current status of adult Red Drum (*Sciaenops ocellatus*) in the north central Gulf of Mexico: an update of abundance, age composition, and mortality estimates. SEDAR49-DW-16. SEDAR, North Charleston, SC. 15 pp.
7. Froeschke J, **Drymon JM**. **2013**. Atlantic sharpnose shark: Standardized index of relative abundance using boosted regression trees and generalized linear models. SEDAR technical document SEDAR34-WP-12.
6. Hoffmayer ER, Pollack A, Hendon JM, **Drymon JM**, Grace M. **2013**. Standardized catch rates of Atlantic sharpnose sharks (*Rhizoprionodon terraenovae*) collected during bottom longline surveys in Mississippi, Louisiana, Alabama, and Texas coastal waters, 2004-2011. SEDAR technical document SEDAR34-WP-11.
5. Walter J, Devries D, **Drymon JM**, Patterson W, Powers S, Williams J. **2013**. A proposed methodology to incorporate ROV length data into red snapper stock assessments. SEDAR technical document SEDAR31-AW08.
4. Hoffmayer ER, Hendon JM, **Drymon JM**, Pollack A, Carlson JC. **2012**. Standardized catch rates of blacktip sharks (*Carcharhinus limbatus*) collected during bottom longline surveys in Mississippi, Louisiana, and Alabama coastal waters from 2004-2010. SEDAR technical document SEDAR29-WP-22.
3. **Drymon JM**, Powers SP. **2012**. Catch rates and size distribution of blacktip shark *Carcharhinus limbatus* in the northern Gulf of Mexico, 2006-2010. SEDAR technical document SEDAR29-WP-11.
2. **Drymon JM**, Powers SP, Dindo J, Ingram GW. **2010**. Catch rates and size distribution of blacknose shark, *Carcharhinus acronotus*, in the northern Gulf of Mexico, 2006-2009. SEDAR technical document SEDAR21-DW-25.
1. Carlson JK, **Drymon JM**, Neer J. **2006**. Life history parameters for finetooth sharks, *Carcharhinus isodon*, from the United States South Atlantic Ocean and northern Gulf of Mexico. SEDAR technical document.

10. Professional Service

Manuscript Reviewer for (n=35 journals): *Ecology, Ecology Letters, Journal of Applied Ecology, Ecological Indicators, Ecosphere, Fish and Fisheries, Canadian Journal of Fisheries and Aquatic Sciences, Conservation Science and Practice, PLoS One, Frontiers in Marine Science, Fisheries Research, Journal of the Royal Society Interface, Marine Ecology Progress*

Series, Reviews in Fish Biology and Fisheries, Marine Biology, Estuarine Coastal and Shelf Science, Human Ecology, Marine and Coastal Fisheries, Fishery Bulletin, Transactions of the American Fisheries Society, Wildlife Research, Marine Fisheries Review, Environmental Biology of Fishes, Journal of Fish Biology, Fisheries Management and Ecology, Hydrobiologia, Journal of Experimental Marine Biology and Ecology, ICES Journal of Marine Science, Marine and Freshwater Research, Global Change Biology, Science of the Total Environment, Endangered Species Research, Integrative and Comparative Biology, Gulf of Mexico Science, F1000

Grant Reviewer for: *NSF Biological Oceanography, NSF Ocean Sciences Research Initiation, NOAA SK, Texas Sea Grant, North Carolina Sea Grant, Florida Sea Grant, Mississippi-Alabama Sea Grant*

Book Reviewer for: *Shark Biology and Conservation: essentials for educators, students and enthusiasts; Sharks: The Animal Answer Guide; Shark Nursery Grounds of the Gulf of Mexico and East Coast Waters of the United States; The Sharks of South Carolina*

Professional Membership: *The American Elasmobranch Society, The American Fisheries Society, The American Institute of Fishery Research Biologists*

Marine Resource Education Program Southeast Steering Committee, 2025-present

NOAA Highly Migratory Species (HMS) Advisory Panel Member. 2016-present

NOAA Highly Migratory Species (HMS) SEDAR Pool Member, 2010-present

American Elasmobranch Society (AES) Board of Directors, 2021-2025

Audubon HMS industry Working Group, 2018-2020

Gulf Research Institute for Highly Migratory Species, Advisory Board Co-Chair, 2022 - present

Gulf of Mexico Fishery Management Council Reef Fish SSC member: 2015-2018

Gulf of Mexico Fishery Management Council Outreach and Education Technical Committee member: 2017-present

University of South Alabama Institutional Animal Care and Use Committee, 2016-2017

11. Public Talks, Invited Seminars (since 2010)

2025	Queensland DPIRD
2025	Western Australia DPIRD
2025	University of Southern Mississippi's Science on Tap
2024	American Saltwater Guides Association
2023	Mississippi State University (American Fisheries Society subunit)
2022	Texas A&M Marine Science Club
2021	University of South Alabama Marine Science Club
2021	University of Mobile
2021	Gulf Coast Research Lab Science Café

2021	Auburn University Marine Biology Club
2021	Mississippi State University (The Wildlife Society)
2020	University of West Florida (seminar)
2020	Mississippi Museum of Natural History
2019	Mississippi Audubon Society
2018	Plenary Lecture Gulf and Estuarine Research Society
2018	University of South Alabama Distinguished Lecture Series
2018	University of Southern Mississippi GCRL (seminar)
2018	University of Tampa (seminar)
2017	University of West Alabama (seminar)
2017	University of South Alabama Lecture Series
2017	University of North Carolina Chapel Hill (seminar)
2017	University of Southern Mississippi (seminar)
2016	Gulf Coast Exploreum
2016	Texas Audubon Society
2016	Texas A&M University (seminar)
2016	University of South Alabama Lecture Series
2015	University of South Alabama Lecture Series
2014	Institute of Marine Mammal Studies
2013	Alabama Coastal Fishing Association
2012	Gulf Coast Exploreum
2010	Mobile Big Game Fishing Club

12. Conference Presentations (since 2010)

As of 2025, I have given more than 200 talks at international, national, regional, and state conferences. Most of these talks have been at the annual meetings of the *American Elasmobranch Society* (n= 61), the *American Fisheries Society* (n=59), and the biennial *Mississippi-Alabama Sea Grant Bays and Bayous* (n=49). A complete list of these talks is available linked [here](#).