

Michael Jay Andres, Ph.D.
Curriculum Vitae

The University of Southern Mississippi
Division of Coastal Sciences
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Education

2014 The University of Southern Mississippi, Coastal Sciences, Ph.D.
2007 Texas A&M University at Galveston, Marine Biology, B.S.

Professional Positions

2020 to present
 Assistant Research Professor, The University of Southern Mississippi
2016 to 2020
 Research Scientist, The University of Southern Mississippi
2015 to present
 Instructor, Summer Field Program, The University of Southern Mississippi
2015 to 2016
 Postdoctoral Researcher, The University of Southern Mississippi

Publications (underline = graduate student; * = undergraduate student)

Cohuo, A., M.J. Andres, W.T. Slack, & M.S. Peterson. Population parameter estimation and demographic comparisons pre and post major disasters of the Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula River. *Endangered Species Research* (In Revision).

Millender, A.K., J.M. Higgs, N.J. Brown-Peterson, M.J. Andres, & J.S. Franks. Life history of Swordfish, *Xiphias gladius*, caught in the northern Gulf of Mexico. *Gulf and Caribbean Research*. 33: 24–37. DOI: 10.18785/gcr.3301.09

Anderson, E.J., M.S. Peterson, & M.J. Andres. 2022. Drifting bryozoans increase nekton diversity in the north-central Gulf of Mexico unvegetated muddy bottom landscape. *Bulletin of Marine Science*. 98: 431–450.
<https://doi.org/10.5343/bms.2021.0034>

Andres, M.J., R.B. Blaylock, & S.A. Bullard. 2022. Dr. Robin Miles Overstreet 1 June 1939–21 May 2022. *Journal of Parasitology* 108: 513–516. <https://doi.org/10.1645/22-61>

Peterson, M.S., & M.J. Andres. 2021. Progress on research regarding ecology and biodiversity of coastal fisheries and nektonic species and their habitats within coastal landscapes. *Diversity* 13: 168. DOI: <https://doi.org/10.3390/d13040168>

Andres, M.J., J.M. Higgs, P.O. Grammer, & M.S. Peterson. 2019. *Argulus* from the Pascagoula River, MS, USA, with an emphasis on those of the threatened Gulf Sturgeon, *Acipenser oxyrinchus desotoi*. *Diversity* 11(12): 232. DOI: <https://doi.org/10.3390/d11120232>

Andres, M.J., E.E. Pulis, S.C. Curran, & R.M. Overstreet. 2018. On the systematics of some marine haploporids (Trematoda) with the description of a new species of *Megasolena* Linton, 1910. *Parasitology International* 67: 805–815. DOI: <https://doi.org/10.1016/j.parint.2018.08.002>

Leaf, R.T., J. Trushenski, N.J. Brown-Peterson, & M.J. Andres. 2018. Temporal dynamics of lipid and fatty acid characteristics of Gulf Menhaden, *Brevoortia patronus*, in the northern Gulf of Mexico. *Regional Studies in Marine Science* 24: 1–9. DOI: <https://doi.org/10.1016/j.rsma.2018.06.011>

Curran, S.S., E.E. Pulis, M.J. Andres, & R.M. Overstreet. 2018. Two new species of *Saccocoelioides* (Digenea: Haploporidae) with phylogenetic analysis of the family, including species of *Saccocoelioides* from North, Middle, and South America. *Journal of Parasitology* 104: 221–239. DOI: 10.1645/17-189

Andres, M.J., W.T. Slack, M.S. Peterson, K. Kimmel, B.R. Lewis, & P.O. Grammer. 2018. Growth estimation of western population segment Gulf Sturgeon using length-at-age and mark-recapture data. *Transactions of the American Fisheries Society* 147:139–150. DOI: 10.1002/tafs.10007

Brown-Peterson, N.J., R.T. Leaf, A.M. Schueller, & M.J. Andres. 2017. Reproductive dynamics of Gulf Menhaden (*Brevoortia patronus*) in the northern Gulf of Mexico: effects on stock assessments. *Fishery Bulletin* 115: 284–299. DOI: 10.7755/FB.115.3.2

Claxton, A.T., A.D. Fuehring*, M.J. Andres, T.D. Moncrief, & S.S. Curran. 2017. Parasites of the Vermilion Snapper, *Rhomboplites aurorubens* (Cuvier), from the western Atlantic Ocean. *Comparative Parasitology*. 84: 1–14. DOI: [dx.doi.org/10.1654/1525-2647-84.1.1](https://doi.org/10.1654/1525-2647-84.1.1)

Fayton, T.J. & M.J. Andres. 2016. Amendment of *Plagioporus* Stafford, 1904 (Digenea: Opecoelidae), with a description of a new species from California and a phylogeny of

freshwater plagioporines of the Holarctic. *Systematic Parasitology* 93: 731–748. DOI: 10.1007/s11230-016-9664-6

Andres, M.J., E.E. Pulis, & R.M. Overstreet. 2016. Description of three species of *Isorchis* (Digenea: Atractotrematidae) from Australia. *Acta Parasitologica* 61: 590–601. DOI: 10.1515/ap-2016-00

Schrandt, M.N., M.J. Andres, S.P. Powers, & R.M. Overstreet. 2016. Novel infection site and ecology of cryptic *Didymocystis* sp. (Trematoda) in the fish *Scomberomorus maculatus*. *Journal of Parasitology* 102: 297–305. DOI: 10.1645/15-772

Andres, M.J., M.S. Peterson, & R.M. Overstreet. 2016. Endohelminth parasites of some midwater and benthopelagic stomiiform fishes from the northern Gulf of Mexico. *Gulf and Caribbean Research* 27: 11–19. DOI: 10.18785.gcr.2701.02

Fayton, T.J., S.S. Curran, M.J. Andres, R.M. Overstreet, & C.T. McAllister. 2016. Two new species of *Homalometron* (Digenea: Apocreadiidae) from Nearctic freshwater fundulids, elucidation of the life cycle of *H. cupuloris*, and molecular phylogenetic analysis of some congeners. *Journal of Parasitology* 102: 94–104. DOI: 10.1645/15-8628v

Andres, M.J., S.S. Curran, T.J. Fayton, E.E. Pulis, & R.M. Overstreet. 2015. An additional genus and two additional species of Forticulcitinae (Digenea: Haploporidae). *Folia Parasitologica* 62: 025. DOI: 10.14411/fp.2015.025

Andres, M.J., E.E. Pulis, T.H. Cribb, & R.M. Overstreet. 2014. Erection of the haploporid genus *Litosaccus* n. g. and its phylogenetic relationship within the Haploporidae Nicoll, 1914. *Systematic Parasitology* 89: 185-194. DOI: 10.1007/s11230-014-9521-4

Andres, M.J., C.L. Ray*, E.E. Pulis, S.C. Curran, & R.M. Overstreet. 2014. Molecular characterization of two opoecoelid trematodes from fishes in the Gulf of Mexico, with a description of a new species of *Helicometra*. *Acta Parasitologica* 59: 405-412. DOI: 10.2478/s11686-014-0258-7

Andres, M.J., E.E. Pulis, & R.M. Overstreet. 2014. New genus of opoecoelid trematode from *Pristipomoides aquilonaris* (Perciformes: Lutjanidae) and its phylogenetic affinity within the family Opoecoelidae. *Folia Parasitologica* 61: 223-230. DOI: 10.14411/fp.2014.033

Pulis, E.E., S.S. Curran, M.J. Andres, & R.M. Overstreet. 2014. Change in rank of Megaperidae (Trematoda) to Megaperinae within the Apocreadiidae and description of *Haintestinum amplum* n. g., n. sp. *Parasitology International* 63: 269-274. DOI:10.1016/j.parint.2013.11.007

Andres, M.J. & R.M. Overstreet. 2013. A new species of *Podocotyloides* (Digenea: Opecoelidae) from the grey conger eel, *Conger esculentus*, in the Caribbean Sea. *Journal of Parasitology* 99: 619-623. DOI: 10.1645/12-155.1

Driggers, III, W.B., J.M. Hendon, M.J. Andres, S.S. Curran, C.T. Gledhill, M.A. Grace, M.D. Hendon, C.M. Jones, B.T. Noble, & K.R. Rademacher. 2010. Notes on the biology of an adult female *Chimaera cubana* captured off St. Croix, U.S. Virgin Islands. *Gulf and Caribbean Research* 22: 67-69.

Yeager, K.M., P.H. Santschi, H. Rifai, M. Suarez, R. Brinkmeyer, C.C. Hung, K.J. Schindler, M.J. Andres, & E.A. Weaver. 2007. Dioxin chronology and fluxes in sediments of the Houston Ship Channel, Texas: influences of non-steady state sediment transport and total organic carbon. *Environmental Science and Technology* 41: 5,291-5,298. DOI: 10.1021/es062917p

Yeager, K.M., P.H. Santschi, K.J. Schindler, M.J. Andres, & E.A. Weaver. 2006. The relative importance of terrestrial versus marine sediment sources to the Nueces-Corpus Christi Estuary, Texas: an isotopic approach. *Estuaries and Coasts* 29: 443-454.

Current Funding

2022–2027	\$902,452
USACE-ERDC, CESU Gulf Coast Program, “Gulf Sturgeon Monitoring and Habitat Assessment in Response to Ship Island Restoration Efforts by the Mississippi Coastal Improvements Program.” PI: M.J. Andres w/co-PIs P.O. Grammer, & M.S. Peterson.	
2020–2024	\$ 6,269,079
USACE-ERDC, “Experimental Oyster Leases as a Platform for Demonstrating Effective Restoration Strategies and Assessing Influence on Gulf Sturgeon Habitat” co-PI w/ J.R. Hendon (PI), K. Cambazoglu, B. Connon, S. Milroy, M.S. Peterson, E. Powell, C. Rakocinski, & J. Wiggert. \$1,664,657 to Andres & Peterson	
2020–2022	\$49,992
USFWS Coastal Program, “Delineating Gulf Sturgeon movements and use around a sill at the only known spawning site for the Pascagoula River population” P.I. M.J. Andres w/co-PI M.S. Peterson	
2020–2023	\$217,767
USFWS CFDA Program, “Juvenile Gulf Sturgeon – Gulf-wide Population dynamics and habitat use”. P.I. M.J. Andres w/co-PI M.S. Peterson	

2020–2022	\$290,499
EPA, Region 4 Wetland Program Development Grant, “Evaluating the ecological effects of alternative bulkhead designs in Mississippi waters”. co-PI w/ W. Bentley (PI) & K. Dillon. \$285,399 to Dillon & Andres.	
2019–2023	\$551,246
USFWS CFDA Program, “Gulf Sturgeon Spawning Habitat Mapping in the Pearl and Pascagoula River Systems”. PI: M.J. Andres w/co-PI M.S. Peterson.	
2018–2021	\$458,696
NOAA, NMFS Protected Species Cooperative Conservation Program (Section 6 Program), “Estimating Juvenile Recruitment and Effective Number of Breeding Adults of Pascagoula River Gulf Sturgeon, <i>Acipenser oxyrinchus desotoi</i> : vital management and conservation information”. co-PI w/ M. Roberts (PI), M.S. Peterson, & B. Kreiser. \$324,254 to Andres, Peterson, & Kreiser.	
2016–2022	\$588,351
USACE-ERDC, CESU Gulf Coast Program, “Gulf Sturgeon Monitoring and Habitat Assessment in Response to Ship Island Restoration Efforts by the Mississippi Coastal Improvements Program”. co-PI w/ M.S. Peterson (PI), & P.O. Grammer.	

Teaching and Mentor Experience

Instructor

Marine Biology (Undergrad.)	2016–2018
Marine Ichthyology (Undergrad./Grad.)	2015, 2018–2022
Field and Lab Techniques in Marine Fisheries (Undergrad./Grad.)	2017

Director of Research for Graduate Students

Alfonso Cohuo, University of Southern Mississippi (Major Professor - Dillon);
 Graduated August 2021.

Glenn Schumacher, University of Southern Mississippi (Major Professor - Dillon)
 Graduated August 2022

Elizabeth Greenheck, University of Southern Mississippi (Major Professor - Leaf)
 Expected Graduation May 2023

Austin Draper, University of Southern Mississippi (Major Professor - Wu)
 Expected Graduation May 2023

Sarah Stovall, University of Southern Mississippi (Major Professor - TBD)
 Expected Graduation May 2024

Undergraduate Mentees

Baylor Lynch, University of Southern Mississippi; Honors Student 2020-present

Cecilia Quesada, Southern Arkansas University; Intern 2020

Fressia Brechard, Belmont University; Intern 2019

McKenzi Turpin, University of Southern Mississippi; Honors Student 2018–2020
Ashton Reuter, Northwest Missouri State; Intern 2018

Professional Presentations (underline = graduate student; * = undergraduate student)

Draper, A., Multispecies use of a north-central Gulf of Mexico estuary prior to oyster reef restoration. 75th Conference of the Gulf and Caribbean Fisheries Institute. Fort Walton Beach, FL.

Lynch, B. K. *, G. T. Schumacher, M. J. Andres, & K. S. Dillon. 2022. Assessing competition between congeneric palaemonid shrimp in coastal Mississippi waters. Gulf Estuarine Research Society Meeting, Ocean Springs, MS. (*Best undergraduate talk*)

Andres, M. J., K. L. Price, & P. O. Grammer. 2022. Gulf Sturgeon and Paddlefish use of the Pascagoula River system with an emphasis near the only known Gulf Sturgeon spawning reach. North American Sturgeon and Paddlefish Society Annual Meeting, Folsom, CA.

Greenheck, E. M., M. S. Peterson, M. J. Andres, D. Kiene, and S. P. Powers. 2022. Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) use of Mobile Bay, AL; A large estuary outside of designated critical habitat for the species. North American Sturgeon and Paddlefish Society Annual Meeting, Folsom, CA.

Dillon, K.S., G.T. Schumacher, G.T., M.J. Andres, & M.S. Peterson. 2022. Ecological response of estuarine nekton communities in restored, natural, and altered habitats to an extreme freshwater discharge event. Joint Aquatic Sciences Meeting 2022. Grand Rapids, Michigan.

Lynch, B.K. *, G.T. Schumacher, M.J. Andres, & K.S. Dillon. 2022. Analysis of ecological tradeoffs between congeneric shrimp in coastal Mississippi waters. 2022 USM Undergraduate Symposium on Research and Creative Activity, Hattiesburg, MS. (*2nd place talk*).

Greenheck, E.M., M.J. Andres, M.S. Peterson, P.O. Grammer, & W.T. Slack. 2022. Comparison of network analyses for Gulf Sturgeon, *Acipenser oxyrinchus desotoi*, at Mississippi barrier island habitats pre- and post- restoration. 2022 Graduate Student Symposium. Ocean Springs, MS.

Draper, A., M.J. Andres, P.O. Grammer, & K. Wright. 2022. Modeling Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) habitat selection using step-selection functions. 2022 Graduate Student Symposium. Ocean Springs, MS.

Quesada, C. *, E.M. Greenheck, & M.J. Andres. 2022. The distribution and residency of Gulf Sturgeon, *Acipenser oxyrinchus desotoi*, in summer holding sites by size class. 2022 Graduate Student Symposium. Ocean Springs, MS. (*1st place poster*).

Lynch, B.K.*, G.T. Schumacher, M.J. Andres, & K.S. Dillon. 2022. Ecological analyses of congeneric shrimp within coastal Mississippi waters. 2022 Graduate Student Symposium. Ocean Springs, MS. (*Poster*).

Lynch, B.K.*, G.T. Schumacher, M.J. Andres, & K.S. Dillon. 2022. Ecological separation between congeneric shrimp species within Biloxi Back Bay. 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS.

Greenheck, E.M., A.J. Draper, M.S. Peterson, M.J. Andres, D. Kiene, & S.P. Powers. 2022. Occurrence of federally threatened Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) outside of critical habitat area designation in Mobile Bay, AL. 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS. (*3rd place talk*).

Wright, K.A., M.J. Andres, & M.S. Peterson. 2022. Fecundity of the *Argulus flavescens* Ectoparasite on Gulf Sturgeon (*Acipenser oxyrinchus desotoi*). 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS.

Price, K.L., E.M. Greenheck, M.S. Peterson, P.O. Grammer, & M.J. Andres. 2022. Gulf Sturgeon movement and travel patterns in the lower Pascagoula River in the main distributaries and adjacent smaller tributaries. 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS.

Haffey, E.R., M.J. Andres, M.S. Peterson, W.T. Slack, & P.O. Grammer. 2022. Gulf Sturgeon, *Acipenser oxyrinchus desotoi*, spawning movement and site use of the Pascagoula River system. 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS. (*Poster*).

Draper, A.J., M.J. Andres, M.S. Peterson, P.O. Grammer, & K.A. Wright. 2022. Comparative coastal habitat use of three migratory species within Mississippi Sound prior to oyster reef construction. 48th Annual Meeting of the Mississippi Chapter American Fisheries Society, Hattiesburg, MS. (*Poster*).

Cohuo, A., M.J. Andres, W.T. Slack, & M.S. Peterson. 2022. Population parameter estimation and demographic comparisons pre and post major disturbances of the Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula River. 30th Spring meeting of the Southern Division AFS, Charleston, SC.

Cohuo, A., K. Dillon, M.J. Andres, & M.S. Peterson. 2022. Multi-tissue stable isotope analysis to describe size class feeding habitats in Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in two northern Gulf of Mexico rivers. 30th Spring meeting of the Southern Division AFS, Charleston, SC.

Greenheck, E.M., C. Quesada*, P.O. Grammer, M.S. Peterson, & M.J. Andres. 2022. Size class separation and environmental factors driving within river movement for Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) among Pascagoula River holding areas. 30th Spring meeting of the Southern Division AFS, Charleston, SC.

Draper, A., E. Greenheck, M.J. Andres, M.S. Peterson, P.O. Grammer, D. Kiene, S.P. Powers, & J.L. Green. 2022. Fall emigration patterns of Pascagoula River Gulf Sturgeon, *Acipenser oxyrinchus desotoi*. 30th Spring meeting of the Southern Division AFS, Charleston, SC.

Schumacher, G.T., K.S. Dillon, M.J. Andres, & M.S. Peterson. 2022. Ecological response of coastal estuarine nekton communities in restored, natural, and altered habitats to an extreme freshwater discharge event. 30th Spring meeting of the Southern Division AFS, Charleston, SC.

Schumacher, G.T., K.D. Dillon, M.J. Andres, & M.S. Peterson. 2021. Community and trophic structure of coastal estuarine nekton along a gradient of shoreline development. 26th Biennial Conference of the Coastal Estuarine Research Foundation, Virtual Meeting.

Schumacher, G.T., K.D. Dillon, M.J. Andres, & M.S. Peterson. 2021. Ecology of nekton along natural, altered, and living shorelines in coastal Mississippi. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting. (3rd place talk).

Cohuo, A.C., K.D. Dillon, M.J. Andres, & M.S. Peterson. 2021. Determining feeding habitat of Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) size classes using multi-tissue stable isotope analysis. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting.

Wright, K., M.J. Andres, & M.S. Peterson. 2021. Fecundity of the *Argulus flavescens* ectoparasite on Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula River. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting.

Grammer, P.O., M.J. Andres, A. Draper, C. Lapniewski, M.S. Peterson, & J.M. Hendon. 2021. Pascagoula River Gulf Sturgeon, *Acipenser oxyrinchus desotoi*, use of St. Louis Bay and the surround waters of Mississippi Sound. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting.

Price, K.L., E.M. Greenheck, M.J. Andres, & M.S. Peterson. 2021. Gulf Sturgeon fall outmigration and travel patterns in the lower Pascagoula River. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting.

Anderson, E.J., M.S. Peterson, & M.J. Andres. 2021. Bryozoans as an estuarine rafting habitat for mobile benthic invertebrates and young finfish in the north-central Gulf of Mexico. 47th Annual Meeting of the Mississippi Chapter American Fisheries Society, Virtual Meeting. (Poster).

Cohuo, A.C., M.J. Andres, K.D. Dillon, & M.S. Peterson. 2020. Multi-tissue SIA of Gulf sturgeon (*Acipenser oxyrinchus desotoi*) to determine feeding habitat in the Pascagoula

River population. North American Sturgeon and Paddlefish Society Annual Meeting, Virtual Meeting.

Cohuo, A.C., K.D. Dillon, M.J. Andres, & M.S. Peterson. 2020. Stable Isotope Analysis of Blood Components to Determine Feeding Habitat of Gulf Sturgeon (*Acipenser oxyrinchus desotoi*). 46th Annual Meeting of the Mississippi Chapter American Fisheries Society, Gulfport, MS. (2nd place talk).

Andres, M.J., K.D. Dillon, J.M. Higgs, A. Cohuo, A.K. Millender, N.J. Brown-Peterson, & J.S. Franks. 2019. Integrating parasites into the trophic ecology of the Swordfish, *Xiphias gladius*. 72nd Conference of the Gulf and Caribbean Fisheries Institute, Punta Cana, Dominican Republic. (Poster).

Higgs, J.M., M.J. Andres, K.L. Price, A.K. Millender, N.J. Brown-Peterson, & J.S. Franks. 2019. Diet observations from tournament landed Swordfish, *Xiphias gladius* in the north central Gulf of Mexico. 72nd Conference of the Gulf and Caribbean Fisheries Institute, Punta Cana, Dominican Republic. (Poster).

Andres, M.J. 2019. There and back again: Fish and parasite tales. USM School of Biological, Environmental, and Earth Sciences. (Invited Seminar).

Peterson, M.S., & M.J. Andres. 2019. Tale of two distributaries: Examples of urbanization impacts on fishes and benthic resources. 103rd Joint Meetings of Ichthyologists and Herpetologists, Snowbird, Utah.

Andres, M.J. 2019. Gulf Sturgeon biology, ecology, and conservation. 2019 North American Native Fishes Association Convention, Jackson, MS (Invited).

Andres, M.J., M.S. Peterson, P.O. Grammer, & W.T. Slack. 2019. Applying a network based approach to understanding Gulf Sturgeon Pascagoula River estuary use. 45th Annual Meeting of the Mississippi Chapter American Fisheries Society, Jackson, MS.

Higgs, J.M., M.J. Andres, K.L. Price, & J.S. Franks. 2019. Diet observations of recreationally landed Swordfish, *Xiphias gladius*, in the north central Gulf of Mexico. 45th Annual Meeting of the Mississippi Chapter American Fisheries Society, Jackson, MS.

Brechard, F.*, M.J. Andres, & J. Niedzwiecki. 2019. Spatiotemporal analysis of parasite communities in anchovies of the Mississippi Sound. Belmont University Undergraduate Research Symposium. (Poster)

Turpin, M.*, M.J. Andres, & J. Walker. 2019. Can habitat fragmentation predict the success or disruption of parasites living in and on *Fundulus jenkinsi*? USM Undergraduate Symposium on Research and Creative Activity. (Poster)

- Andres, M.J., M.S. Peterson, & P.O. Grammer. 2017. Contemporary Gulf Sturgeon *Acipenser oxyrinchus desotoi* summer holding areas in the Pascagoula River, Mississippi. American Fisheries Society 147th Annual Meeting, Tampa Bay, FL.
- Andres, M.J., M.S. Peterson, E.J. Anderson, & J.R. Hendon. 2017. Spatiotemporal variation in the parasite community of the Bay Anchovy across Mississippi Sound, USA. 101st Joint Meeting of Ichthyologists and Herpetologists, Austin, TX.
- Andres, M.J., M.S. Peterson, E.J. Anderson, J.R. Hendon, & J. M. Higgs. 2016. Connecting anchovies to pelagic predators by their parasites. 69th Conference of the Gulf and Caribbean Fisheries Institute, Grand Cayman, Cayman Islands.
- Andres, M.J., M.S. Peterson, W.T. Slack, K.D. Kimmel, P.O. Grammer, J.-M. Havrylkoff, B.R. Lewis, & P.E. Vick. 2016. Estimation of length-at-age, growth, and condition of Gulf Sturgeon, *Acipenser oxyrinchus desotoi*, from the Pearl and Pascagoula Rivers. 100th Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Andres, M.J., J.W. Frey, T.M. Mann, & D. Mann. 2016. The salamanders that didn't make it across the road: Helminth fauna of two salamander species from Mississippi. 100th Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA. (Poster).
- Brown-Peterson, N.J., R.T. Leaf, M.J. Andres, & J.T. Trushenski. 2015. Reproductive biology and lipid characteristics of Gulf Menhaden, *Brevoortia patronus*. 45th Annual Meeting of the American Fisheries Society, Portland, OR.
- Leaf, R.T., N.J. Brown-Peterson, M.J. Andres, J.T. Trushenski, & A. Bergman. 2015. Temporal dynamics of lipid and fatty acid characteristics of Gulf Menhaden, *Brevoortia patronus*, in the northern Gulf of Mexico. 68th Conference of the Gulf and Caribbean Fisheries Institute, Panama City, Panama.
- Andres, M.J. 2014. Utilizing parasites as a tool to investigate ecological and evolutionary relationships in the marine environment. Mississippi Museum of Natural Science, Jackson, MS. (Invited Seminar).
- Andres, M.J., & R.M. Overstreet. 2014. Phylogenetic affinities of two opecoelid (Trematoda) genera containing members with filamented eggs. 89th Meeting of the American Society of Parasitologists, New Orleans, LA.
- Andres, M.J., & R.M. Overstreet. 2014. Molecular hypothesis of some Gulf of Mexico myctophids. 22nd Spring meeting of the Southern Division AFS, Charleston, SC.
- Pulis, E.E., M.J. Andres, S.S. Curran, & R.M. Overstreet. 2013. Revision of the Haploporidae (Trematoda). National Science Foundation Science Center for Marine Fisheries (SCeMFIS), Poster Reception, GCRL Cedar Point Campus, Ocean Springs, MS. (Invited poster).

Andres, M.J., & R.M. Overstreet. 2013. Cetacean and fish anisakid nematodes suggest benthic-pelagic coupling by some mesopelagic fishes in the Gulf of Mexico. 88th Meeting of the American Society of Parasitologists, Québec City, Québec.

Curran, S.S., V.V. Tkach, M.J. Andres, E.E. Pulis, & T.J. Fayton. 2013. Molecular phylogeny of some intestinal fish flukes belonging in the Apocreadiidae (Digenea: Lepocreadioidea). 2013 Meeting of the Society of Parasitologists, Bowling Green, KY.

Andres, M.J., & R.M. Overstreet. 2013. Molecular phylogeny of the trematode family Opecoelidae. 2013 Meeting of the Southeastern Society of Parasitologists, Bowling Green, KY.

Andres, M.J., & R.M. Overstreet. 2013. A molecular analysis of the interrelationships of the trematode family Opecoelidae (Digenea). 14th Annual Gulf Coast Graduate Student Symposium, Ocean Springs, MS.

Andres, M.J., & E.E. Pulis. 2012. Nematodes, trematodes and food webs in the Gulf of Mexico. National Marine Fisheries Service Pascagoula Laboratory seminar day, Pascagoula, MS. (*Invited*).

Andres, M.J., & R.M. Overstreet. 2012. Juvenile *Anisakis physeteris* from mesopelagic lanternfishes and shortfin squid in the Gulf of Mexico. 87th Meeting of the American Society of Parasitologists, Richmond, VA.

Andres, M.J., & R.M. Overstreet. 2012. Anisakid nematodes from the mid-water fish families Myctophidae and Sternoptychidae in the western Gulf of Mexico. 20th Spring meeting of the Southern Division AFS, Biloxi, MS.

Andres, M.J., & R.M. Overstreet. 2011. Juvenile ascaridoid nematodes and food webs in the Gulf of Mexico and Lesser Antilles. 21st Biennial Conference of the Coastal Estuarine Research Foundation, Daytona, FL.

Yeager, K.M., P.H. Santschi, H. Rifai, M. Suarez, R. Brinkmeyer, C.C. Hung, K.J. Schinlder, M.J. Andres, & E.A. Weaver. 2007. Dioxin chronology and fluxes in sediments of the Houston Ship Channel, Texas: Influences of non-steady state sediment transport and total organic carbon. American Geophysical Union, 2007 Joint Assembly, Acapulco, Mexico.

Yeager, K.M., P.H. Santschi, K.J. Schinlder, M.J. Andres, & E.A. Weaver. 2006. The relative importance of terrestrial versus marine sediment sources to the Nueces-Corpus Christi Estuary, Texas: An isotopic approach. American Geophysical Union, 2006 Joint Assembly, Baltimore, MD.

Synergistic Activities

2022

SOSE Website Committee

Student Presentation judge for Southern Division AFS meeting, Charleston, SC

- Student Awards Chair and judge for AFS Mississippi Chapter, Hattiesburg, MS
 President Elect Mississippi Chapter of the AFS
 Co-Editor for Special Issue of *Diversity: Ecology and Biodiversity of Coastal Marine Fisheries Species and Their Habitats*. w/ M.S. Peterson
https://www.mdpi.com/journal/diversity/special_issues/fishes
- 2021
 External Reviewer for MSAL Sea Grant Alabama Center of Excellence
 COA Fellowship Revision Committee
 Student presentation judge for AFS Mississippi Chapter meeting, Virtual Meeting
- 2020
 External Reviewer for NOAA Protected Species Grants
 COA Fellowship Revision Committee
 Student presentation judge for AFS Mississippi Chapter meeting, Gulfport, MS
- 2019
 Student presentation judge for the 72nd Conference of the Gulf and Caribbean Fisheries Institute, Punta Cana, Dominican Republic
 Student presentation judge for AFS Mississippi Chapter meeting, Jackson, MS
- 2018
 Organizing committee for the 19th Annual Gulf Sturgeon Workshop, Ocean Springs, MS
- 2017
 Organized second social and was a student presentation judge for joint AFS Mississippi-Alabama Chapter meeting, Biloxi, MS
- 2016
 Student presentation judge for the 69th Conference of the Gulf and Caribbean Fisheries Institute, Grand Cayman, Cayman Islands
- 2014
 American Society of Parasitologists (ASP) Local Planning Committee for the 89th Annual Meeting of the ASP, New Orleans, LA
- 2013 to 2014
 Vice President – GCRL Subunit of the Mississippi Chapter AFS
- 2012 to 2013
 President – Marine and Estuarine Graduate Student Association (MEGSA)
 Organized 16th Annual Gulf Coast Graduate Student Symposium, Ocean Springs, MS
- 2010 to 2012
 Student Representative to Faculty - MEGSA

Journal Reviewer for:

- Animals* (One review since 2022)
Southeastern Naturalist (One review since 2021)
Journal of Natural History (One review since 2021)
Marine Biology (One review since 2020)
Scientific Reports (One review since 2020)
Journal of the Marine Biological Association UK (One review since 2019)

Fishery Bulletin (Two reviews since 2019)
Parasitology Research (Three reviews since 2018)
Thalassas: An international Journal of Marine Sciences (One review since 2018)
Journal of Helminthology (Three reviews since 2017)
Gulf and Caribbean Research (Two reviews since 2016)
Acta Parasitologica (Three reviews since 2016)
Folia Parasitologica (One review since 2016)
Systematic Parasitology (Four reviews since 2015)
Comparative Parasitology (Four reviews since 2015)
Journal of Parasitology (Four reviews since 2014)
International Journal of Parasitology (Two reviews since 2014)
Zootaxa (Four reviews since 2013)

Public Lectures and Interviews:

2022 “Gulf Sturgeon: *Hidden Giants of our Coastal Rivers*” GCRL Virtual Science Café
 “*Gulf Sturgeon in the Pearl River*” Mississippi Edition on MPB.
 2019 “*Gulf Sturgeon Biology and Conservation*” Science on Tap at Hops & Growlers
 2018 “*Science of Beer*” GCRL Science Café
 “*Beer Brewing and Fermentation*” Guest Lecture for BSC488 Food Microbiology
 2015 “*Worms and Beer*” Smarty Pants Thursday at The Greenhouse on Porter

Graduate Research Awards, Grants, and Recognition

2015	The University of Southern Mississippi Graduate Studies "Hall of Fame"	
2014	Nick Baron Memorial Scholarship Award	\$2,088
	Mississippi Chapter of the American Fisheries Society Travel Award	\$500
2013	American Society of Parasitologists Marc Dresden Travel Award	\$500
2012	American Society of Parasitologists Marc Dresden Travel Award	\$350
	Marine and Estuarine Graduate Student Association Student Award	\$200