



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

EDUCATION

College of Charleston (BSc 1976, MSc 1982. Advisor: William D. Anderson, Jr.)

Florida State University (Ph. D., 1991 Advisor: Joseph Travis)

PROFESSIONAL EXPERIENCE

2006-2020 Director, Florida State University (FSU) Coastal & Marine Laboratory
Full Research Faculty, FSU Office of Research, Department of Biological Science

2002-2005 Associate Scholar Scientist, FSU Department of Biological Science Associate in
Research, FSU Department of Biological Science

1993-2000 Assistant in Research. FSU Department of Biological Science

1984-1990 Florida State University, Graduate Assistant and Teaching Assistant

1980-1984 Cornell University, Shoals Marine Laboratory: instructor, publicity

1978-1980 College of Charleston, Graduate Assistant and Teaching Assistant

HONORS AND AWARDS

2007 Dr. S. Y Hong Award to Outstanding article in Marine Resource Economics (w/ M. Smith & J. Zhang -- see publication list)

2003 Cornell University, Shoals Marine Laboratory Alumni Speaker

2001 Pew Fellowship Award in Marine Conservation, Pew Charitable Trust

2001 Duke University Conservation Scholar

2000 Aldo Leopold Conservation Leadership Award, Ecological Society of America (now the Earth Leadership Program) <https://www.earthleadership.org/>

2000 Akshintala Prasad described a new species of marine diatom from Florida Bay.
Berkeleyaceae, Bacillariophyta: *Climaconeis colemaniae*.

1990 Best graduate student paper, ichthyology, S.E. American Society of Ichthyologists & Herpetologists.

1987 Sigma Xi Grant-In-Aid, Lerner-Gray Fund, Am. Mus. Natural History.

1978-1980 Slocum-Lunz Foundation, Charleston, SC

NONDEGREE EDUCATION & TRAINING

2016–18 FSU - Professional Fundraising for Deans and Academic Leaders. 3/22/2016 –

2015 CASE Development for Deans & Academic Leaders. 1/8-11/11/2015. Washington DC

2015 NSF & Ecological Society of America-Sustaining Biological Infrastructure Baltimore MD

RESEARCH GRANTS

2011-2020

- Triumph Gulf Coast, Inc. (BP) The Apalachicola Bay System Initiative 07/01/2019-06/30/2024, Co-PI (\$8.0 million, FSUCML).
- GOMRI (BP) 10/01/11-09/30/14. Deep Sea to Coast Connectivity, Science Director (\$20.5 million: PI E. Chassignet, FSU; Coleman Science Director)
- NOAA-NOS. REPP (CIMAS -University of Miami). 09/01/11- 08/30/18 (029246). – Connectivity – Pulley Ridge: Population connectivity of the Pulley Ridge – South Florida coral reef ecosystem: processes to decision-support tools. Co-PI Koenig, Co-PI Coleman. \$150K.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- GOMRI (BP) 10/01/11-09/30/14. Deep Sea to Coast Connectivity, Science Director (\$20.5 million: PI E. Chassignet, FSU; Coleman Science Director)
- NOAA MARFIN. 08/01/2011-07/31/2016 (028866). Regional age structure, reproductive biology and trophic patterns of adult goliath grouper in Florida. PI Koenig, Co-PI Coleman \$481,66. NOAA MARFIN Project NA11NMF4330123.
- NFWF via FWC. Seagrass abundance and productivity in St George Sound and Apalachee Bay, FL. \$100K. PI: Brooke, Co-PI Coleman (April-Dec 2016)
- NOAA MARFIN 08/01/2010-07/31/2013 (027054). Recovering Goliath Grouper in the Southeastern United States. Co PI with C. Koenig. \$298,129.
- GOMRI (BP) 10/01/11-09/30/14 (031526). Deep Sea to Coast Connectivity – Fisheries Ecology. Co-PIs Grubbs, Koenig. \$2,018,973
- NOAA-NOS. REPP (CIMAS -University of Miami). 09/01/11- 08/30/16 (029246). – Connectivity – Pulley Ridge: Population connectivity of the Pulley Ridge – South Florida coral reef ecosystem: processes to decision-support tools. Red Grouper Habitat and Benthic Fish Communities. Co-PI Koenig, Co-PI Coleman. \$150K.
- Florida Fish & Wildlife Conservation Commission. 09/1/2011-8/3/2014 (028154). Functional role of artificial reefs in supporting offshore migration of reef fishes. PI Koenig, Co-PI Coleman. \$81,371
- FSU College of Arts & Sciences 2011. FSU Big Idea - Inter-American Seas Institute for Sustainability Science & Policy, Kick-off Symposium. PI Coleman, Co Pi Phil Steimberg \$5,000
- NOAA Northern Gulf Institute Gulf of Mexico Research Initiative. 2010-2011. Impact of crude oil on coastal & ocean environments of the West Florida Shelf & Big Bend Region. \$500,000 (PI E. Chassignet, F. Coleman Science Director).
- NOAA MARFIN. 2007-2011. Protection of grouper & red snapper spawning in marine reserves: demographics, movements, survival, & spillover benefits in the eastern Gulf of Mexico. \$471,336. (Co-PI C. Koenig)

1987-2010

- NOAA National Undersea Research Program. 2008-2010. Title: Behavior of red grouper & other grouper species in marine reserves in the N.E. Gulf of Mexico. \$73 K
- National Undersea Research Program. 2008-2010. Can human intervention increase recovery potential of destroyed deep-water *Oculina* habitat & fish populations? \$35K.
- NOAA Cooperative Research Program 2005-2009 Goliath grouper population density, demographics, & predation effects. \$358,155 (Co-PIs C. Koenig FSU, P. Richards NOAA Fisheries, J. Ueland Ohio University)
- NOAA Cooperative Research Program 2004-2009 \$330,583. Recruitment process investigations using otolith chemical & genetic markers as a basis for a gag *Mycteroperca microlepis* recruitment-forecasting model. Co-PI C. Koenig, FSU
- Florida Fish & Wildlife Conservation Commission. 2008-2009. Goliath Grouper Study: A Survey Analysis of Dive Shop & Charter Boat Operators in Florida
- Gordon & Betty Moore Foundation. 2008. Travel grants for Young Investigators presenting at the FSU William R. & Lenore Mote Symposium. \$15,000
- The Curtis & Edith Munson Foundation. 2008. Support for publication of proceedings for the FSU William R. & Lenore Mote Symposium. \$5,000
- The Ocean Conservancy. 2007-2008. Marine reserves for spawning aggregations of gag. \$30,360.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

- NOAA. Satltonstall Kennedy. \$224K. Incorporating fisher behavior into management models: the reef fish fishery of the eastern Gulf of Mexico. Co-PI M. Smith, Duke.
- NOAA. National Undersea Research Program. \$65.2K. Grouper demographics & habitat engineering in the shelf-edge MPAs in the Gulf of Mexico. Co-PIs CC Koenig (FSU), K. Scanlon (USGS), M. Miller (NOAA Fisheries).
- Lenfest Foundation. 2005-2006. Recreational fishing sectors. \$23K.
- NOAA. MARFIN 2002-2005. \$374K. Demographics, density, & seasonal movement patterns of reef fish in the NE Gulf of Mexico (\$374K) Co-PI C. Koenig, FSU
- Pew Marine Conservation Fellowship. 2001-2006. \$150K. Developing designs for marine reserves for grouper populations & developing metapopulation & stage-classified population models.
- The Pew Charitable Trust. 2002-2004. \$242K. Marine fisheries of the U. S.: a comparison of recreational & commercial catch. (Co-PI L. Crowder, Duke).
- NOAA. Coral Conservation Program. Habitat characterization of Pulley's Ridge & the Florida Middle Grounds. \$150,000
- Florida Fish & Wildlife Conservation Commission. 2002-03. \$15K. Publication of the 4th FSU Fisheries Symposium Proceedings, "Confronting Trade-offs in the Ecosystem Approach to Fisheries Management."
- National Fish & Wildlife Foundation. 2002-2003. \$30K. Discovery of spawning sites based on commercial fisher knowledge.
- National Marine Fisheries Service (NMFS). 2000-2002. \$209K. Co PI w/ C. Koenig. Evaluating gag spawning aggregations & benthic habitat in the west Florida shelf.
- NMFS, Office of Habitat Protection. 2000-2001. \$50K. Coral restoration in the Oculina Research Reserve, Co-PI C. Koenig.
- NMFS. 1997-2001. \$204K. Assess jewfish populations in eastern Gulf of Mexico Co-PI C Koenig, A Eklund.
- Curtis & Edith Munson Foundation. 2001. \$15K. Archival tagging Goliath Grouper.
- NMFS. 1997-01. \$154K. Past & present trophic structure in Florida Bay using diet & stable isotope analyses. Co-PI C. Koenig, J. Chanton.
- MARFIN. 1998-2001. \$386K. Capture release mortality of undersized reef fishes. Co-PI K. Burns, C. Koenig
- Environmental Defense. 2000-2001. \$15K. Marine reserves in the Gulf of Mexico.
- Environmental Defense. 2000-2001. \$5K. Gulf of Mexico marine reserves.
- MARFIN NA77FF0546. FSU. 1997-99. \$195,300. Gag spawning-nursery connection & recruitment patterns. Co-PI G. Fitzhugh, C. Koenig.
- NMFS EFH. 1999-2000. \$50K. Goliath grouper study. Co-PI C. Koenig, A-M Eklund.
- MARFIN 94MF029-G(RF), MARFIN NA57FF0055. Recruitment, habitat relationships of juvenile reef fish in NE GOM. Co-PI C. Koenig. Dec. 1994-98, \$300K
- DEP MR143 FSU. Co-PI w/ M. Ruckelshaus, C. Koenig. 1996-98. \$89,238.
- MARFIN 94MF004-G(SB) 1994-97 Co PI with C. Koenig \$137,900.
- Curtis & Edith Munson Found. 1996-97. Co Pls C. Koenig, D. Levitan \$15,000.
- NMFS Protected Species. 1996-97. Goliath Grouper. CoPIs C. Koenig, A. Eklund \$15K.
- Florida DEP. Contract MR-081. By-catch in shrimp trawls. 1995-96. \$20,000.
- MARFIN NA37FF0051. Bycatch reduction devices. 1993-94. Co-PI C. Koenig. \$140K.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- FL DEP. C-7779, C-6953. 1991-93. Shrimp trawl by-catch. Co-PI C. Koenig. \$181K.
- MARFIN NA90AA-H-MF748. 1990-92. \$192K. GOM grouper spawning. Co-PI Koenig.
- FL DEP. C-7223. 1990-92. Co PI C. Koenig. \$180,000.
- Sigma Xi. 1987. PI.
- American Museum of Natural History. 1987. PI

Other Research Experience

- Chief Scientist on National Undersea Research Cruises in Gulf of Mexico 2007, 2008.
- Chief Scientist on NOAA. Coral Conservation Program Cruise to Florida Middle Grounds
- Chief Scientist, National Geographic Society's Sustainable Seas Expedition, in the Gulf of Mexico onboard NOAA Research Vessel Gordon Gunter. 2001
- Masters. Hermaphroditism in tropical sea basses, *Holanthias martinicensis* & *Hemanthias peruanus*; geographic variation in meristics & morphometrics of the anthiine serranid, *H. martinicensis*. 1977-1980.
- National Marine Fisheries Service. South Carolina. Observer on shrimp trawlers.

PUBLICATIONS

Peer Reviewed Journal Articles, Book Chapters

1. **Coleman, FC** 1981. Protogynous hermaphroditism in the anthiine serranid, *Holanthias martinicensis*. Copeia. (4):893-895.
2. Coleman, F. 1983. *Hemanthias peruanus*, another hermaphroditic anthiine serranid. Copeia (3):252-253.
3. Day, R. H., D. H. S. Wehle, **FC Coleman**. 1985. Ingestion of plastic pollutants by marine birds, pp 344-386. In: R. S. Shomura. & H. O. Yoshida. (eds). Proc. workshop on the fate & impact of marine debris. 27-29 Nov. 1984, Honolulu, Hawaii. NOAA Tech. Memor. NMFS-SWFC-54.
4. **Coleman, FC** 1993. Morphological & physiological consequences of parasites encysted in the bulbus arteriosus of an estuarine fish. J. Parasitology 79(2):247-254.
5. **Coleman, F**, C Koenig, LA Collins. 1996. Reproductive styles of shallow-water grouper, consequences of fishing spawning aggregations. Env. Bio. Fishes 47, 129-141.
<http://link.springer.com/article/10.1007%2FBF00005035#page-1>
6. Domeier, M. CC Koenig, **FC Coleman**. 1996. Aspects of reproduction & early juvenile development of gray snapper. In F. Arreguin-Sanchez, J. L. Munro, M. C. Balgos & D. Pauly (eds.), pp. 189-201. Biology, fisheries & culture of tropical groupers & snappers. ICLARM Conf. Proc. 48, 449 p.
7. **Coleman, FC**, J. Travis. 1998. Phenology of recruitment & infection patterns of *Ascocotyle pachycystis*, a digenean parasite in the sheepshead minnow, *Cyprinodon variegatus*. Envir. Biol. Fishes 51(1):87-96
8. Koenig, CC, **FC Coleman**. 1998. Absolute abundance & survival of juvenile gag, *Mycteroperca microlepis*, in seagrass beds of the N.E. Gulf of Mexico. Trans. Americ. Fish. Soc. 127(1), 44-55.
9. Travis, J., **FC Coleman**, CB Grimes, D. Conover, TM Bert, M Tringali. 1998. Critically assessing stock enhancement: an introduction to the Mote symposium. Bull. Mar. Sci. 62(2), 305-311.
10. Holtz, D., J. Lang, **F. Coleman**, J. Bohnsack. 1998. Saving the crown jewels, pp 209-229. In: Speir, J. (ed.) 1998. Sustainable Fisheries for the 21st Century: a critical examination of issues associated with implementing the sustainable fisheries act. Tulane Institute for Environmental Law & Policy. Invited paper.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

11. Fluharty, D., P. Aparicio, P. Blackburn, G. Boehlert, **F. Coleman**, P. Conkling, R. Costanza, P. Dayton, R. Francis, D. Hanna, K. Hinman, E. Houde, J. Kitchell, R. Langton, J. Lubchenco, M. Mangel, R. Nelson, V. O'Connell, M. Orbach, M. Sissenwine. 1999. Ecosystem-based Fishery Management. A Report to Congress by the Ecosystem Advisory Panel. US Department of Commerce, National Marine Fisheries Service.
12. **Coleman, FC**, CC Koenig, AM Eklund, CB Grimes. 1999. Management & conservation of temperate reef fishes in the grouper-snapper complex of the southeastern United States. Pp. 233-242, *In* J. A. Musick (ed). Life in the Slow Lane, American Fisheries Society Symposium 23.
13. **Coleman, FC**, CC Koenig, GR Huntsman, JA Musick, AM Eklund, JC McGovern, RW Chapman, GR Sedberry & CB Grimes. 2000. American Fisheries Society Position Statement: Long-lived reef fishes: the grouper-snapper complex. [Fisheries 25\(3\):14-21](#).
14. Koenig, C., **F. Coleman**, C. Grimes, G. Fitzhugh, K. Scanlon, C. Gledhill, M. Grace. 2000. Protection of fish spawning habitat for the conservation of warm temperate reef fish fisheries of shelf-edge reefs of Florida. *Bulletin of Marine Science* 66(3):593-616.
15. Conover, DC, J. Travis, **F. Coleman**. 2000. Essential fish habitat & marine reserves: an introduction to the second Mote Symposium on fisheries ecology. *Bulletin of Marine Science* 66(3):527-534.
16. **Coleman, FC**, S. Williams. 2002. Overexploiting marine ecosystem engineers: potential consequences for biodiversity. *Trends in Ecology & Evolution* 17(1):40-44.
17. Dayton, P., S. Thrush, & **F. Coleman**. 2002. Ecological effects of fishing in the United States. Report to the Pew Oceans Commission.
18. Strelcheck, AJ, GR Fitzhugh, **FC Coleman**, CC Koenig. 2003. Otolith-fish size relationship in juvenile gag grouper (*Mycteroperca microlepis*) of the eastern Gulf of Mexico: a comparison of growth rates between laboratory & field populations. *Fishery Research* 60(2003): 255-265.
19. Scanlon, KM, CC Koenig, **FC Coleman**, MW Miller. 2003. Importance of geology to fisheries management: examples from the northeastern Gulf of Mexico, pp. 95-99 *In*: D. Stanley & A. Scarborough-Bull (eds). *Fisheries, Reefs, & Offshore Development*. American Fisheries Society Symposium 36.
20. **Coleman, FC**, P. Baker, CC Koenig. 2004a. A review of Gulf of Mexico marine protected areas: successes, failures, & lessons learned. *Fisheries* 29:10-21.
21. **Coleman, FC**, WF Figueira, JS Ueland, LB Crowder. 2004b. The impact of U. S. recreational fisheries on marine fish populations. *Science* 305:1958:1960, & *in* *Science Express* (www.sciencexpress.org/26 August 2004/p1/10.1126/science1100397).
22. **Coleman, FC**, WF Figueira, J. S. Ueland, L. B. Crowder. 2005. The recreational fisher's perspective - Response. *Science* 307:1561-1561.
23. **Coleman, FC**, W. F. Figueira, J. S. Ueland, L. B. Crowder. 2005. Global impact of recreational fisheries - Response. *Science* 307:1562-1563.
24. Chasar, L, J Chanton, C Koenig, **F Coleman**. 2005. Evaluating the impact of environmental disturbance on the trophic structure of Florida Bay, USA: Multiple stable isotope analyses of contemporary & historical specimens. *Limnology & Oceanography* 50(4):1059-1072.
25. Koenig, CC, AN Shepard, JK Reed, **FC Coleman**, KM Scanlon, J Brusher. 2005. Habitat & Fish Populations in the Deep-sea *Oculina* Coral Ecosystem of the Western Atlantic, pp 795-805 *in* P. W. Barnes & J. P. Thomas, editors. Benthic Habitats & the Effects of Fishing. American Fisheries Society, Bethesda, Maryland. American Fisheries Society Symposium 41.
26. Scanlon, KM, **FC Coleman**, CC Koenig. 2005. Pockmarks on the Outer Shelf in the Northern Gulf of Mexico: Gas-release Features or Habitat Modifications by Fish? Pages 301-312 *in* P. W. Barnes & J. P.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

Thomas, editors. Benthic Habitats & the Effects of Fishing. American Fisheries Society, Bethesda, Maryland.

27. Fitzhugh, GR, CC Koenig, **FC Coleman**, CB Grimes, W. A. Sturges. 2005. Spatial & temporal patterns in fertilization & settlement of young gag (*Mycteroperca microlepis*) along the West Florida Shelf. *Bulletin of Marine Science* 77(3):377-396.
28. Smith, MD, J. Zhang, **FC Coleman**. 2006. Effectiveness of Marine Reserves for Large-Scale Fisheries Management. *Canadian Journal of Fisheries & Aquatic Science* 63:153-164s.
29. Heppell, SS, SA Heppell, **FC Coleman**, CC Koenig. 2006. Models to compare management options for a protogynous fish. *Ecological Applications* 16(1):238-249.
30. Koenig, CC, **FC Coleman**, AM Eklund, J. Schull, J. Ueland. 2007. Mangroves as essential nursery habitat for goliath grouper (*Epinephelus itajara*). *Bulletin of Marine Science* 80(3):567-586.
31. Smith, MD, J Zhang, **FC Coleman**. 2007. Structural modeling of marine reserves with Bayesian Estimation. *Marine Resource Economics*. Vol 22: 121-136.
32. Smith, MD, J. Zhang, **FC Coleman**. 2008. Econometric modeling of fisheries with complex life histories: avoiding biological management failures. *Journal of Environmental Economics & Management* 55:265-280.
33. Mann, DA, JV Locascio, **FC Coleman**, CC Koenig. 2009. Goliath Grouper (*Epinephelus itajara*) Sound Production & Movement Patterns on Aggregation Sites. *Endangered Species Research* 7:229-236 (online <http://www.int-res.com/articles/esr2008/theme/Goliath/goliathpp2.pdf>)
34. Murie, DJ, DC Parkyn, CC Koenig, **FC Coleman**, J Schull, S. Frias-Torres. 2009. Evaluation of finrays as a non-lethal ageing method for protected goliath grouper *Epinephelus itajara*. *Endangered Species Research* 7:213-220 (<http://www.int-res.com/articles/esr2008/theme/Goliath/goliathpp6.pdf>)
35. **Coleman, FC**, CC Koenig, K. Scanlon, S. Heppell, S. Heppell, M. W. Miller. 2010. Benthic habitat modification through excavation by red grouper *Epinephelus morio* (Valenciennes) in the northeastern Gulf of Mexico. *The Open Fish Science Journal* 3:1-15. <http://benthamopen.com/tofishsj/articles/V003/1TOFISHSJ.pdf>
36. Lorenzen, K, RS Steneck, RR Warner, AM Parma, **FC Coleman**, KM Leber. 2010. The Spatial dimensions of fisheries: putting it all in place. *Bulletin of Marine Science* 86(2): 169–177.
37. Figueira, WF, **FC Coleman**. 2010. Comparing landings of United States recreational fishery sectors. *Bulletin of Marine Science* 86:499-514.
38. Stallings, CD, **FC Coleman**, CC Koenig, & DA Markiewicz. 2010. Energy allocation in juveniles of a warm-temperate reef fish. *Environmental Biology of Fishes* 99:389-398. DOI 310.1007/s10641-10010-19655-10644.
39. **Coleman, FC**, CC Koenig. 2010. The Effects of Fishing, Climate Change, & Other Anthropogenic Disturbances on Red Grouper & Other Reef Fishes in the Gulf of Mexico. *Integrative & Comparative Biology* 50:201-212 <http://icb.oxfordjournals.org/content/50/2/201.full.pdf+html>
40. Nelson, J, J Chanton, **FC Coleman**, CC Koenig. 2010. Patterns of stable carbon isotope turnover in gag (*Mycteroperca microlepis*), an economically important marine piscivore determined with a non-lethal surgical biopsy procedure. *Environmental Biology of Fishes* DOI 10.1007/s10641-010-9736-4.
41. **Coleman, FC**, LE Petes. 2010. Getting Into Hot Water: Ecological Effects of Climate Change in Marine Environments. *Southeastern Environmental Law Journal* 17.2:337-357.
42. Stallings, CD, **FC Coleman**, CC Koenig, & DA Markiewicz. 2010. Energy allocation in juveniles of a warm-temperate reef fish. *Environmental Biology of Fishes* 99:389-398. DOI 310.1007/s10641-10010-19655-10644.



CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

43. Greenberg, MJ, WF Herrnkind, **FC Coleman**. 2010¹. Evolution of the Florida State University Coastal & Marine Laboratory. *Gulf of Mexico Science* 2010(1–2): 149–163.
44. Koenig, CC, **FC Coleman**, K Kingon. 2011. Pattern of recovery of goliath grouper *Epinephelus itajara* population in the southeastern US. *Bulletin of Marine Science* **87**:891-911
45. **Coleman, FC**, KC Scanlon, CC Koenig. 2011. Groupers on the Edge: Shelf Edge Spawning Habitat in & Around Marine Reserves of the Northeastern Gulf of Mexico. *The Professional Geographer*, 63(4) 2011:1–19. <http://www.tandfonline.com/doi/pdf/10.1080/00330124.2011.585076>
46. **Coleman FC**, CC Koenig. 2010. Oases in a Sea of Sand—The Sea-Floor Architecture of a Fish. *In*. Cerulean S, Ray J, Wohlpar AJ (eds). *Unspoiled*. Published by Red Hills Writers Project.
47. **Coleman, FC**, LE Petes. 2011. Life history trade-offs in marine organisms: consequences of climate change. *In* W.H. Rodgers, Jr., M. Robinson-Dorn, J. Barcelos, A. Moritz (eds), “Climate Change: A Reader”. Carolina Academic Press, Durham, NC. August 2011.
48. Nelson, MD, CC Koenig, **FC Coleman**, DA Mann. 2011. Sound production of red grouper *Epinephelus morio* on the West Florida Shelf. *Aquatic Biology* 12: 97–108. Featured article. <http://www.int-res.com/articles/feature/b012p097.pdf>.
49. Peterson, C. H., **FC Coleman**, J. B. C. Jackson, R. E. Turner, G. T. Rowe *et al.* 2011. A Once & Future Gulf of Mexico Ecosystem: Restoration Recommendations of an Expert Working Group. 112pp. The Pew Charitable Trust, Washington, D. C.
50. Nelson, J, R Wilson, **F Coleman**, C Koenig, D DeVries, C Gardner, J Chanton. 2012. *Flux by fin: fish-mediated carbon & nutrient flux in the northeastern Gulf of Mexico*. *Mar Biol* 159:365-372
51. Pears, R; RS Nemeth, BP Ferreira, M Hostim-Silva, AA Bertoncini, **FC Coleman**, CC Koenig, KL Rhodes, YS de Mitcheson, SA Heppell, PL Colin, MA Samoilys, J. Sakaue, H Akino, H Ida, G Jackson, RR Warner, RJ Hamilton, JH Choat, MT Etpison, P Collins, IJ Clavijo, AH Kitalong. 2012. Species Case Studies, pp. 405-565, *in* Reef Fish Spawning Aggregations: Biology, Research & Management, Fishes & Fisheries Series Vol. 35 ed. YS DeMitcheson & PL Colin. DOI: 10.1007/978-94-007-1980-4_12.
52. Auster, P.J., J.A. Estes and **F.C. Coleman**. 2013. Species interactions in marine communities: the invisible fabric of nature. *Bulletin of Marine Science* 89:3-9.
53. Travis, J, **FC Coleman**, PJ Auster, PM Cury, JA Estes, J Orensanz, CH Peterson, ME Power, RS Steneck, JT Wootton. 2013. Integrating the invisible fabric of nature into fisheries management. *PNAS* DOI:10.1073/pnas.1305853111. <http://www.pnas.org/content/111/2/581.full.pdf+html>
54. Jue, N, **FC Coleman**, CC Koenig. 2014. Widespread genetic variability and the paradox of effective population size in the Gag *Mycteroperca microlepis* along the West florida Shelf. *Marine Biology* 161:1905-1918 DOI 10.1007/s00227-014-2473-z. http://download.springer.com/static/pdf/446/art%253A10.1007%252Fs00227-014-2473-z.pdf?auth66=1418677526_158936f8aa08e26cd062648c02bf6dcd&ext=.pdf
55. Jue, N, T Brule, **FC Coleman**, CC Koenig. 2015. From Shelf to Shelf: Assessing Historical and Contemporary Genetic Differentiation and Connectivity across the Gulf of Mexico in Gag, *Mycteroperca microlepis*. *PLoS ONE* 10(4): e0120676. doi:10.1371/journal.pone.0120676
56. Davidson A, JB Griffin, C Angelini, **F Coleman**, RL Atkins, BR Silliman (2015). Non-consumptive predator effects intensify grazer–plant interactions by driving vertical habitat shifts. *Mar. Ecol. Prog. Ser.* 537:49-58.

¹ Not actually published until Fall 2011



CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

57. Dornberger, L., Ainsworth, C., Gosnell, S., & Coleman, F. (2016). Developing a polycyclic aromatic hydrocarbon exposure dose-response model for fish health and growth. *Marine Pollution Bulletin*, 109(2016), 259-266.
58. Koenig, CC, LS Bueno, **FC Coleman**, JA Cusick, RD Ellis, K Kingon, JV Locascio, C Malinowski, DJ Murie, CD Stallings. (2017). Diel, lunar and seasonal spawning patterns of the Atlantic Goliath Grouper, *Epinephelus itajara*, off Florida, United States. *Bulletin of Marine Science* 93(2), 391-406. doi:<http://dx.doi.org/10.5343/bms.2016.1013>.
59. Ellis, R., **F Coleman**, C Koenig. (2017). Effects of habitat manipulation by red grouper, *Epinephelus morio*, on faunal communities associated with excavations in Florida Bay. *Bulletin of Marine Science*, 93(4), 961-983. doi:<https://doi.org/10.5343/bms.2017.1002>
60. Marshall, K., Levin, P., Essington, T., Koehn, L., Anderson, L., Bundy, A., Carothers, C., **Coleman, F.**, Gerber, L., Grabowski, J., Houde, E., Jensen, O., Mollman, C., Rose, K., Sanchirico, J., & Smith, A. (2017). Ecosystem-based fisheries management for social-ecological systems: renewing the focus in the United States with next generation fishery ecosystem plans. *Conservation Letters*. doi:10.1111/conl.12367
61. Pérez-Portela, R, A Bumford, B Coffman, S Wedelich, M Davenport, A Fogg, MK Swenarton, **F Coleman**, MA Johnston, DF Crawford, MF Oleksiak. (2018) Genetic homogeneity of the invasive lionfish across the Northwestern Atlantic and the Gulf of Mexico based on Single Nucleotide Polymorphisms. *Scientific Reports (Nature)* 8(5062): [doi:10.1038/s41598-018-23339-w](https://doi.org/10.1038/s41598-018-23339-w).
62. Ainsworth, C., Paris, C., Perlin, N., Dornberger, L., Patterson, W., Chancellor, E., Murawski, S., Hollander, D., Daly, K., Romero, I., **Coleman, F.**, Perryman, H. (2018). Impacts of the Deepwater Horizon oil spill evaluated using an end-to-end ecosystem model. *PLOS ONE*, 13(1), e0190840. doi:DOL:10.1371/journal.pone.0190840
63. Levin, P., Essington, T., Marshall, K., Koehn, L., Anderson, L., Bundy, A., Carothers, C., **Coleman, F.**, Gerber, L., Garbowski, J., & Houde, E. (2018). Building effective fishery ecosystem plans. *Marine Policy*, 92, 48-57. Retrieved from <https://doi.org/10.1016/j.marpol.2018.01.019>
64. Malinowski*, C, **F Coleman**, C Koenig, J. Locascio, D Murie. 2019. Are Atlantic goliath grouper, *Epinephelus itajara*, establishing more northerly spawning sites? Evidence from the northeast Gulf of Mexico. *Bulletin of Marine Science* <https://doi.org/10.5343/bms.2018.0062>
65. Malinowski, C., Cavin, J., Chanton, J., Chasar, L., **Coleman, F.**, & Koenig, C. (2019). Trophic relationships and niche partitioning of red drum *Sciaenops ocellatus* and Common Snook *Centropomus undecimalis* in coastal estuaries of south Florida. *Estuaries and Coasts*. Retrieved from <https://doi.org/10.1007/s12237-018-00512-y>
66. Malinowski*, CR, RF Perrault, **FC Coleman**, CC Koenig, JM Stilwell, C Cray, NI Stacy. 2020. The iconic Atlantic Goliath Grouper (*Epinephelus itajara*): A comprehensive assessment of health indices in the southeastern United States population. *Frontiers in Veterinary Science (Veterinary Experimental and Diagnostic Pathology)* 7.635.
67. Dornberger, LN, CA Ainsworth, **F Coleman**, DL Wetzel. 2020. A Synthesis of Top-Down and Bottom-Up Impacts of the Deepwater Horizon Oil Spill Using Ecosystem Modeling, pp. 536-550, in: Springer, Cham. Deep Sea Oil Spills
68. Bernard, AM, MW Johnston, R. Perez-Portela, MF Oleksiak, **FC Coleman**, MS Shivji. 2020. Genetic and biophysical modelling evidence of generational connectivity in the intensively exploited Western North Atlantic red grouper (*Epinephelus morio*). *Ices Journal of Marine Science* 77(1):359-370. <https://doi.org/10.1093/icesjms/fsz201>



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

69. Koenig, CK, **FC Coleman**, CR Malinowski*. 2020. Atlantic Goliath Grouper of Florida: to fish or not to fish. *Fisheries* 45(1).
70. Koehn, LE, TE Essington, PS Levin, KN Marshall, LG Anderson, A Bundy, C. Carothers, **F Coleman**, JH Grabowski, E Houde, OP Jensen, C Möllmann, ADM Smith. 2020. Case studies demonstrate capacity for a structured planning process for ecosystem-based fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences* • 12 February 2020 • <https://doi.org/10.1139/cjfas-2019-0202>
71. Malinowski*, CR, N Stacy, **FC Coleman**, JA Cusick, CM Dugan, CC Koenig, NK Ragbeer, JR Perrault. 2021. Mercury offloading in gametes and potential adverse effects of high mercury concentrations in blood and tissues of Atlantic Goliath Grouper *Epinephelus itajara* in the southeastern United States. *Sci Total Environ.* 2021 Jul 20;779:146437
DOI: [10.1016/j.scitotenv.2021.146437](https://doi.org/10.1016/j.scitotenv.2021.146437). <https://pubmed.ncbi.nlm.nih.gov/33744588/>
72. Barreiros, JP, **FC Coleman**. 2023. West African Goliath Grouper: Where are they between Senegal and Angola? *Fishes* 2023, 8(6), 318. <https://doi.org/10.3390/fishes8060318>
73. **Coleman, FC**, JCC Nunes, AA Bertoncini, LS Bueno, MO Freitas, M Borgonha, JR Leite, MJCA Lima-Júnior, B Ferreira, B Bentes, CC Koenig, CR Malinowski*, EG Sanches, M Hostim-Silva, CLS Sampaio. 2023. Controversial opening of a limited fishery for Atlantic Goliath Grouper in the United States: Implications for population recovery. *Marine Policy* 155 (2023) 10572.
<https://doi.org/10.1016/j.marpol.2023.105752>

PEER-REVIEWED BOOKS, EDITED VOLUMES

1. **Coleman, FC**, J. Travis, C. Grimes (guest editors). 1998 Marine Stock Enhancement. Proceedings of the First FSU Mote Symposium, 1996, Sarasota, FL. Featured Article. *Bulletin of Marine Science* vol. 62(2):303-714.
2. **Coleman, FC**, J. Travis (guest editors) 2000. Essential Fish Habitat and Marine Reserves, Proceedings of the Second FSU Mote Symposium, 1998, Sarasota, FL. *Bulletin of Marine Science* 63(3): 525-1010.
3. NRC. Houde, E., **F. Coleman**, P. Dayton, D. Fluharty, G. Kelleher, S. Palumbi, AM Parma, S. Pimm, C. Roberts, S. Smith, G. Somero. R Stoffle, J. Wilen. 2001. *Marine Protected Areas: Tools for Sustaining Ocean Ecosystems*. National Academy Press, Washington, DC.
4. **Coleman, FC**, J. Travis 2002. (guest editors) Targets Thresholds and the Burden of Proof in Fisheries Management. Proceedings of the Third FSU Mote Symposium, 2000. Sarasota, FL. *Bulletin of Marine Science* vol 74(3):489-760.
5. NRC. Sutinen, J., G. Boehlert, L. Botsford, **F. Coleman**, R. Ditton, T. Quinn, W. Rodgers, E. Schlager. 2004. Improving the Use of the “Best Scientific Information Available” Standard in Fisheries Management. National Academy Press, Washington, DC.
6. **Coleman, FC**, C. Walters (guest editors) 2004. Tradeoffs in the Ecosystem Approach to Management Proceedings of the Fourth FSU Mote Symposium, 2002. Sarasota, FL. *Bulletin of Marine Science* 74(3):489-760
7. **Coleman, FC** (guest editor) 2006. The Good Bad, and the Ugly: Integrating Marine and Human Ecology in Fisheries Management. *Bulletin of Marine Science* 78(3):407-721.
8. **Coleman, FC**, RR Warner, AB Thistle (editors). 2008. Life History in Fisheries Ecology and Management. Proceedings of the Sixth William R. & Lenore Mote International Symposium in Fisheries Ecology, November 14–16, 2006, Sarasota, Florida *Bulletin of Marine Science* 83(1):1-261.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

9. **Coleman, FC**, Thistle, A (guest editors). 2010. The Spatial Dimension of Fisheries – Putting it All in Place. Proceedings of the Seventh William R. & Lenore Mote International Symposium in Fisheries Ecology, November 11-13, 2008, Sarasota, Florida. Bulletin of Marine Science 86(2): 165-498
10. **Coleman, FC**, Thistle, A (guest editors). 2013. Species Interactions in Marine Communities: The Invisible Fabric of Nature. Proceedings of the Eight William R and Lenore Mote International Symposium in Fisheries Management and Ecology, November 8–10, 2011, Sarasota, Florida . Bulletin of Marine Science 89(1).
11. Schubel, J., **Coleman, F.**, Conrad, C., Debinski, D., Karieva, P., Matumoto, G., McKnight, D., Parmesan, C., Plowes, R., Power, A., Powe, M., & Stromberg, M. (2014). *NRC. Enhancing the Value and Sustainability of Biological Field Stations and Marine Laboratories in the 21st Century*. National Academy Press, Washington, DC. Retrieved from http://www.nap.edu/openbook.php?record_id=18806
12. Sutinen, J., Boehlert, G., Botsford, L., **Coleman, F.**, Dittton, R., Quinn, T., Rodgers, W., & Schlager, E. (2004). *NRC. Improving the Use of the "Best Scientific Information Available" Standard in Fisheries Management*. National Academy Press, Washington DC. Retrieved from http://www.nap.edu/catalog.php?record_id=11045 - National Research Council panel.
13. Houde, E., **Coleman, F.**, Dayton, P., Fluharty, D., Kelleher, G., Palumbi, S., Parma, A., Pimm, S., Roberts, C., & Smith, S. (2001). *NRC. Marine Protected Areas: Tools for Sustaining Ocean Ecosystems*. National Academy Press, Washington, DC. Retrieved from http://www.nap.edu/catalog.php?record_id=9994. National Research Council panel.

INVITED MONOGRAPHS

1. Peterson, C., **Coleman, F. C.**, Jackson, J., Turner, R., Rowe, G., et al. (2011). *A Once and Future Gulf of Mexico Ecosystem: Restoration Recommendations of an Expert Working Group*. The Pew Charitable Trust, Washington, DC. Retrieved from http://www.pewtrusts.org/uploadedFiles/wwwpewtrustsorg/Reports/Protecting_ocean_life/Pew-Environment-Gulf-of-Mexico-report.pdf
2. Dayton, P., Thrush, S., & **Coleman, F.** (2002). *Ecological effects of fishing in the United States*. Report to the Pew Oceans Commission.
3. Fluharty, D., Aparicio, P., Blackburn, P., Boehlert, G., **Coleman, F.**, Conkling, P., Costanza, R., Dayton, P., Francis, R., & Hanna, D and et al. (1999). *Ecosystem-based Fishery Management. A Report to Congress by the Ecosystem Advisory Panel*. US Department of Commerce, National Marine Fisheries Service.

GRAY LITERATURE

1. Koenig, CC, and **FC Coleman**. 2009. Population density, demographics, and predation effects of adult goliath grouper (*Epinephelus itajara*). Final Report to NOAA MARFIN for Project NA05NMF4540045. Scanlon, KM, CC Koenig, FC Coleman, M Miller. 2002. Importance of geology to fisheries management: examples from the northeastern Gulf of Mexico. In McKay, M., Nides, J., and Vigil, D. (eds), Gulf of Mexico Fish and Fisheries: Bringing together New and Recent Research, Minerals Management Service, OCS Study MMS2002-004, CD-ROM



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

2. Burns, KM, CC Koenig, **FC Coleman**. 2002. Evaluation of multiple factors involved in release mortality of undersized red grouper, gag, red snapper, and vermilion snapper. Final report. NOAA. MARFIN Grant. No. NA87FF0421.
3. Koenig, CC, **FC Coleman**, J Cavin, T. Schmidt. 2001. Diet of red drum *Sciaenops ocellatus* and common snook *Centropomus undecimalis* in Florida Bay and adjacent waters. Final Report. U. S. Department of the Interior, National Park Service. Coop. Agreement No. CA5280-0-9-9001.
4. Fitzhugh, G, C. Koenig, F. Coleman, W. Sturges III. 2000. Spawning-to-nursery connection for gag: tests of mechanisms to explain seagrass recruitment patterns. NMFS MARFIN Award No. NA77FF0546 Final Report.
5. Koenig, C., FC Coleman. 1998. Final Report for MARFIN: Recruitment indices and seagrass habitat relationships of the early juvenile stages of gag grouper, gray snapper, and other economically important reef fishes in the eastern Gulf of Mexico.
6. Koenig, CC, and FC Coleman. 1998. Final Report for the Florida DEP. Seagrass habitat quality: criteria for the management of economically important finfishes of the N. W. coast of Florida.
7. Coleman, FC, and CC Koenig. 1998. Florida inshore bait shrimping: experimental analysis of bycatch and capture-related mortality of selected seagrass-associated finfish species. Final Report. NMFS MARFIN 94MF004-G(SB).
8. Koenig, CC, F. Coleman, and AM Eklund. 1997. Studies of the jewfish (*Epinephelus itajara*) in the eastern Gulf of Mexico. Final Report. Curtis and Edith Munson Foundation.
9. Coleman, F, C Koenig, C Grimes. 1997. Management and conservation of temperate reef fishes. Copenhagen: The Council, 1997. 18, [1] p. ICES CM (International Council for the Exploration of the Sea. Theme Session on Applying the Precautionary Approach in Fisheries Environmental Management); 1997/V: 04
10. Coleman, FC, P Steele, & W Teehan. 1996. Use of bycatch reduction devices in small trawls of sizes set by the net ban. Department of Environmental Protection Contract Final Report (DEP Contract MR081).
11. Coleman, FC, CC Koenig. 1995. Florida inshore shrimping: experimental analysis of bycatch reduction. NMFS/MARFIN Final Report Grant NA37FF0051.
12. Coleman, FC, CC Koenig, WF Herrnkind. 1994. Survey of Florida inshore shrimp trawler bycatch.. Florida DNR Final Report (DNR Contract C-7779).
13. Coleman, FC, CC Koenig, WF Herrnkind. 1993. Survey of Florida inshore shrimp trawling bycatch preliminary BRD tests. Florida DNR Final Report Contract C-6953.
14. Koenig, CC, CB Grimes, FC Coleman. 1993. Grouper reproduction: the problem, research priorities, & management options for sustainable fisheries. Proc. Recom., NMFS/SEFSC Grouper Meeting, Panama City, FL. November 1993.

PRESENTATIONS

2020-CURRENT

- 2022 – June 28, United Nations Ocean Conference. Special Session Atlantic Goliath Grouper. Title: A call to Arms: IUCN Reassessing Goliath Grouper Global Status.

2017-2019

- Interviews re: Goliath Grouper on NPR, National Geographic, NBC
- Interviews and Multiple presentations for the Apalachicola Bay System Initiative Board



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

- Coleman, F. 2018. *Water Drama - Evaluating Cross-Scale Interactions*. Keynote presentation at The Endangered Apalachicola: A National River Conference Wednesday, March 14, 2018 8:00 AM Friday, March 16, 2018 5:00 PM, Apalachee Audubon Society and Apalachicola Riverkeeper, Florida State University. (National) Retrieved from <https://www.apalachee.org/events-of-interest/2018/3/14/the-endangered-apalachicola-a-national-river-conference>
 - Feb. 2017. Tallahassee Exchange Club. *Red grouper species interactions*
 - Feb. 2017. Big Bend Science Symposium, University of Florida. Cedar Key, FL. Keynote Speaker.
 - March 2017. Lecture in Olivia Mason's (EOAS) class on marine systems.
 - March 2017. OLLI Presentation (FSUCML). The Invisible Fabric of Nature
 - May 2017. Florida Marine Science Education Association Annual Conference, St. Augustine, FL. Invited Panelist, "FMSEA on the First Coast: Shining Light on Ocean Literacy."
 - June 2017. Radio Interview. Tallahassee Talks With Brien Sorne, on Florida Fisheries. at: <http://www.tallahassee talks.com/june-24-2017-dr-scott-pliskin-mahan-animal-clinic-and-dr-felicia-coleman-director-of-the-florida-state-university-coastal-and-marine-laboratory/>
 - August 2017. Westminster Oaks, Invited Speaker. Turning the Tide of Marine Research at FSUCML.
 - November 2017. St. Mark's National Wildlife Refuge. Invited Speaker. The Secret Lives of Fish
- 2015-2016
- 02/27/2015 Interview on "Coastal Conservation" video program, Marine Conservation Research Institute at Aquarium of the Pacific, Long Beach, CA –release of National Academy report on marine labs and field stations.
 - 03/09/2015 – Speaker – FSU Foundation Staff-Communications – *"The FSU Coastal & Marine Lab: - Turning the Tide for Research"*
- 2013-2014
- 04/1/2013 – Wakulla County Commissioners, Crawfordville, FL. Research at the FSUCML
 - 05/15/2013 – Marine Biological Laboratory, Woods Hole. Workshop on Sustainability Science, Presentation: Fishing, Sustainability, and Biodiversity - Where to now, St Peter?
 - 06/26/2013 – Research Experience for Teachers Program, Presentation on the FSUCML.
 - 09/9/2013 – Site visit of GOMRI Board. Presentation: Status of Deep-C Ecological Studies.
 - College of Charleston, SC. Key note Speaker for Marine Biology Graduate Student Colloquium. Presentation 1: The Secret Lives of Fish. Presentation 2: Descending from the Ivory Tower.
 - FSUCML, Talk to Osher Lifelong Learning institute group. Rebirth of the FSUCML.
 - FSU Research Foundation Board of Trustees, Tallahassee, FL. Rebirth of the FSUCML.
 - Tallahassee, FL. Presentation to the National Academy of Science Gulf of Mexico Program's Advisory Group. Presentation The Once & Future Gulf: Restoring Fisheries in Marine Ecosystems
 - Science Café, Thomasville, Georgia.
 - Sunrise Rotary Club, Tallahassee. Luncheon speaker. Rebirth of the FSUCML.
 - FSU Spring Faculty Luncheon – The Relevance of FSU Research, Presbyterian Church. The Once and Future Gulf.
 - Rotary Club of Tallahassee, Luncheon Speaker. Rebirth of the FSUCML.
 - Science Café at Ray's Steel City Saloon, Tallahassee, FL. The Secret Lives of Fish. February 5, 2103.
 - Introduction to the Deep-C All Hands Meeting, Tallahassee, FL February 27, 2013.
 - Overview of the Deep-C Ecology Task highlighting interdisciplinary collaborations and plans for the coming year. February 28, 2013.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

- Presentation to the Florida State University Board of Trustees, FSUCML. Rebirth of the Florida State University Coastal and Marine Laboratory March 7, 2013.
- Sense-it Workshop for C-IMAGE. Deep-C research in the NE Gulf of Mexico. Mar 9, 2013.
- CPALMS, Department of Education. Filmed talk about biological diversity. March 23, 2013.
- University of Aberdeen at FSUCML. Research at the FSU Coastal & Marine Laboratory March 28, 2013.
- Georgia Academy of Science. The Once and Future Gulf of Mexico. Featured Speaker. Mar 30, 2013.
- College of Charleston, Keynote Speaker, Graduate Student Symposium. September 2013
- Gulf of Mexico Research Initiative - Deep-C Ecology. Tallahassee, FL September 2013.
- Deep-C All Hands Meeting, preparing for the next phase. September 2013
- 04/05/2014 - Wild & Scenic film festival held by FSU Dept. Bio. Sci. Grad students in Ecology and Evolution – sponsored and served on panel discussion of environmental films
- 04/24/2014 – Keynote speaker – Florida Marine Science Education Association Annual Meeting, Panama City, FL.
- 05/05/2014 – Speaker - International Oil spill Conference – “Ecological Connectivity in Northeastern Gulf of Mexico – The Deep-C Initiative
- 06/11/2014 – Speaker – Meeting of the National Academy of Sciences Gulf Research Program Advisory Board, Tampa, FL
- 09/18/2014 – Speaker - Deep-C Annual Meeting – “*The Curse of Too Much Science: Honing Your Science Message*” Tallahassee, FL
- 10/10/2014 – Speaker, FSU Dept. Geography – “*Descending from the Ivory Tower: A Scientist’s Plunge into the Policy Pool*”.
- 10/17/2014 – Speaker, FSU Capital Campaign Kick Off. “*What Grades Don’t Tell You About Our Students*”

2012 – INVITED

- Florida State University Graduate Fellows Forum, "Journey to the Table: A Discussion of the Food System" Talk title: Fishing on Marine Ecosystems: Are We Asleep at the Reel?"
- Florida Legislative Spouses – The FSUCML Rebirth and involvement in the Oil Spill.
- Dauphin Island Sealab. Deep-C Teachers workshop. Overview of Deep-C Research, July 26, 2012.
- Seminole Sensation Week at Alligator Point, FL. Water Quality and Why It is Critical to Maintain Aug 25, 2012.
- St. Mark's Yacht Club, St. Marks, FL. Fisheries Productivity on the West Florida Shelf. Aug 31, 2012.
- October 3, 2012. Presentation to Dr. Thomas Bogdan, UCAR president. Deep-C Research at Florida State University.
- October 6, 2012. Osher Life Long Learning Institute program, at FSUCML. Research in the northeastern Gulf of Mexico and the Deep Sea.
- October 22, 2012. Lower Apalachicola-Chattahoochee-Flint Status Briefing to the US Army Corps of Engineers, Florida DEP, Florida Fish and Wildlife, and Apalachicola National Estuarine Research Reserve. Linking Coastal Watersheds to Fisheries.

2011 – INVITED

- *Arizona State University. Managing Recreational Fisheries. February 2011 (by Video conference since I had the flu)*



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(rev 07/12/2023)

- *Gulf of Mexico Research Initiative, New Orleans. Introduction to the Deep-C Consortium (Deep Sea to Coast Connectivity in the Gulf of Mexico (October)*
- *Deep-C Kick-Off Meeting, Tallahassee. Ecological Pathways. (November).*
- *St. George Island Civic Club. (March)*
- *University of Florida, Whitney Laboratory – Does Size matter in Fisheries Management? (October)*
- *FSUCML Open House – Red grouper, habitat engineers.*
- *Cornell University, Ithaca NY. The Deepwater Horizon Oil Spill and its Ecological Consequences (Video conference)*
- *Florida State University. Deep-C Kick-Off Meeting, Tallahassee. Ecological Pathways.*

2010 - INVITED

- Florida State University, Symposium on Oil and Gas Development in Florida February, 2010
- NOAA National Integrated Drought Information System. Apalachicola, FL. Offshore Watershed Influence. April 2010
- US Army Corps of Engineers *Major General Semonite, Commander S. Atl. Division).* , Apalachicola FL – Watersheds and Offshore Influence. July 2010
- Keefe, Bruyette & Woods. Santa Rosa Beach, FL. The Gulf Oil Spill. August 2010
- Florida State University Coastal & Marine Laboratory, Gulf of Mexico Oil Spill. September
- Pew Annual Meeting, Spain. Gulf of Mexico Oil Spill. October 2010
- St. Augustine Study Group. Crescent Beach, FL. Gulf of Mexico Oil Spill. October 2010
- Florida Ornithological Society. Tall Timbers Research Station, Tallahassee FL. Gulf of Mexico Oil Spill. October 2010
- JSOST Deepwater Horizon Oil Spill Conference. Report of the Living Marine Resources Workshop. St. Petersburg, FL, October 5-6, 2010
- Florida State University The Gulf Photo Workshop: Enabling the Study of the Gulf of Mexico's Photosynthetic Primary Producers. The Gulf of Mexico Oil Spill. October 8 & 9, 2010
- Gulf of Mexico Fishery Management Council. Ecosystem Based Management Scientific and Statistical Committee. Tampa, FL. The Gulf of Mexico Oil Spill. November 2010.

2009 - Invited

- Florida A&M Environmental Sciences Institute, Seminar, January 2009
- FSU College of Law, Environmental Certificate Seminar, February 2009
- Dauphin Island Sealab Graduate Student Symposium. *Keynote speaker* April 2009
- FSUCML, Open House Lecture, April 2009
- Ashley Hall School, Charleston, SC, Women in the Environment, April 2009
- Clare Bridge Retirement Home, Tallahassee, FL April 2009
- FSU CRC Grant Writing Workshop, Foundations April 2009
- National Council of University Research Administrators Annual Meeting, Panama City, FL *Keynote Speaker.* May 2009
- Tallahassee Community College Stem Program, November 2009

2008- Invited

- University of West Florida. *Groupers on the Edge.* February 2008
- Carrabelle Chamber of Commerce. *The FSUCML.* February 2008
- American Association of University Women. *Keynote Speaker.* Birmingham, Michigan. March 2008 - Invited



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

- The Florida State University Office of Research Grant Writing Workshop. *Private Sector, Foundation, and Other Non-Governmental Funding*. Tallahassee, FL May 2008.
- Aldo Leopold Leadership Program. Connecticut. *Coming Out of the Ivory Tower*. June 2008.
- University of South Carolina School of Law, Distinguished Panel on Climate Change and the Oceans. *The Ecological Effects of Climate Change on Habitat, Species Interactions, and Fisheries*. Columbia, SC. October 2008
- Forum on Apalachicola River water use for Congressman Allen Boyd. *Linking Coastal Watersheds to Fish and Fisheries*, Chattahoochee, FL. July 2008

2007 - Invited

- Florida Fish and Wildlife Conservation Commission. Juvenile habitat for Goliath Grouper St. Petersburg, FL July 2007
- Florida's Small County Coalition Annual Meeting. Crawfordville, FL
- Flower Garden Banks National Marine Sanctuary, Galveston, TX. Marine protected areas in the Gulf of Mexico.

2006 - Invited

- International Symposium on Mangroves, University of Miami
- Florida State University College of Law and the Environmental and Land Use Section of The Florida Bar Forum on Marine Reserves. Tallahassee, FL (Invited)
- The Pew Marine Conservation Fellows Annual Meeting. Punta Cana, DR (Invited)
- The FSU Coastal & Marine Laboratory Conservation Lecture Series (2 times)
- Northern Gulf of Mexico Cooperative Institute Collaborative Research Workshop: presented FSU's research component

2006 - Contributed

- American Fisheries Society Annual Meeting, Lake Placid, NY

2005- Invited

- University of Florida, IFAS.
- The Ecological Society of America, Aldo Leopold Conservation Fellows Program Annual Meeting
- World Wildlife Fund, Board of Directors
- American Association for the Advancement of Science Annual Meeting
- The Pew Charitable Trusts, Board of Directors
- National Academy of Science, NRC Committee on Recreational Fishing
- Florida State University, Conservation Biology

2004 - Invited

- University of Florida, Gainesville.
- The Pegasus Foundation Board Annual Meeting, Miami, FL
- Marine Fish Conservation Network: Panel on the U. S. Commission on Ocean Policy Report, St. Petersburg, FL
- Duke University Marine Laboratory, Beaufort NC
- Florida State University, Conservation Biology
- Alfred B. Maclay High School, Career Day
- Sierra Club of Tallahassee

2003 - Invited

- National Academy of Science, NRC Committee on Best Available Science, Washington DC



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CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- University of South Florida, St. Petersburg.
- University of Washington, Seattle. Bevan Lecture Series. Department of Fisheries
- University of North Carolina, Wilmington
- Cornell University, Shoals Marine Laboratory
- Annual Meeting of the Society for Environmental Journalists, New Orleans

2002 - *Invited*

- European Union Commission and the Istituto Centrale per la Ricerca Scientifica e Tecnologica al Mari. Rome Italy.
- Marine Fish Conservation Network, Annual Meeting. Washington, DC.
- Sierra Club, Tallahassee.
- Florida State University, Department of Geography
- Florida State University, Department of Political Science
- Florida State University, Department of Biological Science
- COMPASS, Marine Reserve Worldwide, Monterey California, moderator

2001-

Invited speaker

- State University of New York, Stony Brook. Marine Reserves Program.
- Duke University Marine Lab, Distinguished Conservation Scholar
- National Research Council, Galveston Texas
- Center for Marine Conservation, Workshop Tallahassee, FL
- Environmental Defense, Science Advisory Meeting. Washington, DC

2000 - *Invited speaker.*

- American Association for Advancement of Science Ocean Day. Washington DC.
- Center for Marine Conservation, Workshop for Citizens. Miami, FL
- Center for Marine Conservation, Workshop for Citizens. St. Petersburg, FL
- Gulf of Mexico Symposium. Mobile.
- Florida State University, Department of Oceanography
- Texas A&M University, National Marine Fisheries Service Laboratory, Galveston.

1995- 1999 - *Invited*

- Florida Forum on Ocean Conservation, St. Petersburg, FL. 1999.
- Center for Marine Conservation, Workshop for Citizen Conservationist. 1997, 1998
- Gulf State Marine Fisheries Commission 50th Annual Meeting. Ocean Springs, MS.
- Environmental Defense Fund, Board of Trustees, Washington D.C.
- South Atlantic Fisheries Management Council, St. Augustine FL.
- Sierra Club. Fisheries Management in the Gulf of Mexico with Special Consideration of Marine Reserves. Tallahassee, FL.
- Gulf Restoration Network. Tampa, FL. Workshop on fisheries. University of Florida, Inst. Fisheries and Aquatic Sci. Gainesville.
- Tulane University, Law School. New Orleans. Invited speaker.
- South Atlantic Fisheries Management Council. Charleston, SC. Invited speaker.

Contributed Talks

- American Fisheries Society Annual Meeting, Hartford, CT.
- American Fisheries Society, S.E. Regional Meeting, Oxford, Mississippi.
- American Society of Ichthyologists and Herpetologists, New Orleans.



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- International Council for the Exploration of the Seas (ICES), Baltimore, MD.
1994-1995 - *Invited*
- Gulf and South Atlantic Fisheries Development Found. Atlanta, GA; S. E. U. S. & Caribbean Reef Fish Workshop, Charleston SC; University of Georgia Sea Grant Marine Advisory Program. Brunswick, GA.
Contributed Talks
- American Fisheries Society, Tampa, FL; Mote Marine Laboratory, Sarasota, FL, Florida State University, Department of Biological Science, MARFIN Annual Conference, Biloxi, MS.

PUBLIC SERVICE

2021-present

- 2022-2023 – Guest Editor, for journal FISHES, an international, peer-reviewed, scientific, open access journal published bimonthly online by MDPI to cover fishes and aquatic animals research.
<https://www.mdpi.com/journal/fishes>
- 2021-2025 – International Union for Conservation of Nature (IUCN), Member of Species Survival Commission (SSC), Groupers & Wrasses Specialist Group (<https://www.iucn.org/ssc-groups/fishes/groupers-wrasses>)
- 2022-2023 – Board of Directors, Community Co-op Market, Tallahassee, FL.

2010-2020

- Apalachicola Bay System Initiative Board Support – 2019-2020.
- Florida Institute of Oceanography Oil Spill Research Advisory Committee member. July 2010.
- State of Florida Oil Spill Academic Task Force. Executive Committee. <http://oilspill.fsu.edu/> April 2010-2018.
- JSOST Deepwater Horizon Oil Spill Conference. Living Marine Resources Workshop Group. October 2010
- Marine Protected Areas of the United States Federal Advisory Committee 2009-2018
<http://mpa.gov/mpafac/fac.html>
- Gulf of Mexico Fishery Management Council, Ecosystem Management Committee
- The Ecological Society of America's Marine Ecology Rapid Response Team (since 2005)
- The National Public Radio's Earth And Sky Program, Science Advisor (since 2006)
- American Fisheries Society Steve Berkeley Marine Conservation Fellowship, Selection Committee, 2009-current
- The Joint Ocean Commission, Science Advisor
- Member, Gulf of Mexico Fisheries Management Council, Marine Protected Areas Federal Advisory Committee, Goliath Grouper Working Group
- Member, Gulf of Mexico Fishery Management Council, Ecosystem Management Committee

2001-2009

- The Ocean Foundation, Board of Advisors
- National Association of State Universities and Land-Grant College NASULGC, Board on Ocean and Atmosphere (2001-2009)
- American Fisheries Society, Steve Berkeley Marine Conservation Fellowship, Selection Committee, 2009
- The Florida Institute of Oceanography, Advisory Board (2006-2009)



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CURRICULUM VITAE – Felicia C. Coleman

(rev 07/12/2023)

- Florida Sea Grant Director Search Committee (2007-2008)
- National Academy of Science, NRC Committee, Best Available Science 2003-04
- Sea Change Investment Fund, Conservation Committee Member (2005-2008)
- International Advisory Committee on Marine Reserves. Istituto Centrale per la Ricerca Scientifica e Tecnologica al Mari. Rome Italy. 2002-04
- Smithsonian Tropical Research Institute Caribbean Connections Advisory Panel
- Oceana, Scientific Advisory Board. 2003-2004
- National Undersea Research Program, Outside Review Panel of North Atlantic and Great Lakes Center. Groton, Connecticut. April 2002.
- National Undersea Research Program, Outside Review Panel of the Southeastern United States and Caribbean. Wilmington, NC. 2003.

1996-2000

- Florida Keys National Marine Sanctuary Science Advisory Panel (Dec. 2000)
- Environmental Defense, Oceans Program Advisory Committee (2000)
- National Academy of Science, NRC Marine Reserves panel (1998-00)
- Pew Charitable Trust. Research that Guides Policy on Marine Resources. Workshop. Philadelphia, PA. 2000.
- Marine Biological Conservation Institute. Establishing comprehensive protection for sustainable use of marine resources, Washington, DC. 2000.
- Gulf of Mexico Fishery Management Council, Appointed by U. S. Secretary of Commerce. 1996-1999. Voting member. Advisory Committees: statistical & scientific, reef fish, habitat, migratory species, spiny lobster, butterflyfish, data collection; chair marine reserves ad hoc committee.
- The H. John Heinz III Center for Science, Economics, and the Environment Gulf of Mexico Regional Roundtable (1999)
- National Marine Fisheries Service Ecosystem Principles Advisory Panel 1998-99
- Tortugas 2000, Advisory Panel on marine reserve in the Florida Keys
- GMFMC, ad hoc habitat protection committee, New Orleans, 1997.
- Sea Grant. Committee on funding for Fisheries, Miami. 1997.
- University of Florida, IFAS, Steering Committee, Big Bend Research Workshop
- Georgia Sea Grant Site Review Panel, University of Georgia, Athens. October
- NOAA-University Partnership Workshop, Washington, DC (1996).
- NMFS Southeast Regional Fisheries Science Center Vision Committee (1996)
- Aquaculture Development plan for San Antonio Rio Hondo, Belize. FSU Dept. Urban and Regional Affairs, Center for International Studies. October 1996
- Florida Forum on Marine Reserves & Special Management Areas, Florida Marine Fisheries Commission. Gainesville, FL July 1996. Invited.

1993-1995

- NMFS Gulf of Mexico Grouper Research priorities Panel member. Panama City 1993
- National Estuarine Research Reserve (NERR) site selection committee, NOAA,
- Center for Marine Conservation's workshop, shrimp trawl

Editorial Services

- *Fishes*, Guest Editor (2022-2023)



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CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- *Bulletin of Marine Science*, Associate Editor (2008-2013)
- *Bulletin of Marine Science*, Guest Editor. 1996-2008)
- *The Open Fish Science Journal* (Bentham), Editorial Advisory Board (2009)
- *Conservation Biology*, Ad-hoc Assigning Editor, 2003.
- *Ecology*, Ad-hoc Assigning Editor, 2006

Reviewing Services

- Research Proposals National Science Foundation, NMFS, Marine Fisheries Initiative Program (MARFIN), Saltonstall-Kennedy Program, North Carolina Division of Marine Fisheries, Florida Department of Environmental Protection, Florida Sea Grant, North Carolina Sea Grant, Georgia Sea Grant, Center for Field Research, National Undersea Research Center (University of North Carolina), NOAA Office of Ocean Exploration, Environmental Defense Fund.
- Research Publications:
Journals: Biological Conservation, Bioscience, Bulletin of Marine Science, Ecological Applications, Ecology, Environmental Biology of Fishes, Estuarine and Coastal Shelf Science, Fisheries, Fishery Bulletin, Marine Ecology Progress Series, National Research Council, Oecologia, Professional Geographer, Science, Trends in Ecology and Evolution
Other Publications: The H. John Heinz III Center, Island Press, MRAG (Marine Resources and Fisheries Consultants), Oceana, The Pew Oceans Program, The International Council for the Exploration of the Seas, American Fisheries Society Books
- Miscellaneous: External examiner of Ph. D. dissertation, S. T. Fennessy. "Comparative life histories and stock assessments of rockcods (Serranidae) from the east coast of South Africa". University of Natal, Durban, South Africa.

SERVICES PROVIDED FLORIDA STATE UNIVERSITY'S DEPARTMENT OF BIOLOGICAL SCIENCE 1998-2013 –

- Director, Program in Marine Biology & Living Marine Resource Ecology, FSU Dept. Bio Sci. I developed this program to provide professional guidance & research opportunities for undergraduates.

1994-2018 –

- Chair, WR & Lenore Mote Endowment in Fisheries Ecology. Develop, organize, edit proceedings of international symposia: *Marine Stock Enhancement* (1998), *Essential Fish Habitat & Marine Reserves* (2000), *Burden of Proof* (2002), *Confronting Tradeoffs in Ecosystem Fisheries Management* (2004), *Integrating marine & human ecology into fisheries management* (2006), *Why Life History Matters in Fisheries* (2008), *The Spatial Dimensions of Fisheries* (2011); *Species interactions in marine communities: the invisible fabric of nature* (2012)
www.marinelab.fsu.edu/mote/
- Chair Steering Committee, FSU-Mote International Symposium in Fisheries
- Chair Selection committee, FSU-Mote Eminent Scholar
<http://www.bio.fsu.edu/mote/scholar.html>

OTHER



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CURRICULUM VITAE – Felicia C. Coleman (rev 07/12/2023)

- 2002 -co-sponsored five-day scientific workshop (at CSIT with J. Travis), “Trophic Modeling of Fishery Ecosystems: A Training Course Using Ecopath with Ecosim”.
- 2002 - co-sponsored one-half day workshop for natural resource managers (at CSIT with J. Travis), “Using Ecosystem Models to Address Problems in Natural Resource Management: An Introduction to Ecopath, Ecosim, and Ecospace.”

TEACHING, THESIS ADVISOR, AND POSTGRADUATE-SCHOLAR SPONSOR

2000-2013	BSC4947 FSU, Seminar in Living Marine Resource Ecology.
2000-2013	BSC4940 Internship in Marine Resource Ecology.
2001	Cornell University, Shoals Marine Lab. Marine Vertebrates
1999-2000	FSU Living Marine Resource Management and Ocean Policy, in FSU College of Law, 2 nd yr law students, biology grad/upperlevel undergrad
1998	Developed the Program in Marine Biology and Living Marine Resource Ecology, Department of Biological Science, FSU (with Dr. William Herrnkind)

Post-Doctoral Scholars

Stephen Gosnell (2013-2014) Baruch College, NY; Laura E. Petes (2007-2009) NOAA Climate Office, Christopher Stallings (2007-2011) University of South Florida, David Kimbro (2008-2010) Northeastern University.

Graduate Students Advised and Current Employment

Robert Ellis (Ph. D. Advisor, Department of Biological Science) – Scientist, Florida Fish and Wildlife Research Institute.

Christopher Malinowski (Ph. D. Advisor, Department of Biological Science) - Director of Research and Conservation at Ocean First Institute

Jennifer Schellinger (M. Sc., Advisor, Department of Biological Science) – Research Faculty, FSU Department of Education.

Chelsea Counsell (M. Sc , Advisor, Department of Biological Science) – Assistant Professor of Marine Biology, Fairfield University, CT.

Austin Todd (Ph. D, committee member, Department of Oceanography) – Senior Data Scientist, Senior Data Scientist, Sonnen, Berlin, DE

Nathaniel Jue (Ph. D. Committee member, Department of Biological Science) – Associate Professor, California State University Monterey.

Erin Simmons (M. Sc. Committee member, Department of Biological Science) – Owner, Erin Simmons Fitness

James Nelson (Ph. D., committee member, Department of Oceanography) – Assistant Professor, University of Louisiana, Lafayette

Ryan McKenzie (MSc., Advisor, Department of Biological Science)

GRADUATE STUDENTS SUPPORTED FINANCIALLY

Biological Science: C. Hayes (advisor: Ruckelshaus); B. Shoplock (advisor: Livingston); P. Munguia (advisor: Levitan); N. Jue (advisor: J. Travis), K. Lotterhos (co-advisor D. Levitan)

Oceanography: L. Chasar (advisor: J. Chanton); J. Nelson (co-advisor: J. Chanton)



Coastal & Marine Laboratory

CURRICULUM VITAE – Felicia C. Coleman
(rev 07/12/2023)

Geography: J. Ueland (advisor: A. Stallins)

UNDERGRADUATE RESEARCH SUPERVISED (1993-2013)

Over 100 Undergraduate student research projects supervised with co-mentoring scientists from host institutions all over the United States. All students conducted hands-on research in topics ranging from the effects of the oil spill on bacteria to how non-consumptive predator effects intensify grazer–plant interactions by driving vertical habitat shifts. Most of these students went on to obtain graduate degrees.