

Felicia C. Coleman

CURRICULUM VITAE

(rev 04302019)

PERSONAL

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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-present Director, Florida State University (FSU) Coastal and Marine Laboratory
<http://www.marinelab.fsu.edu>
Full Research Faculty, FSU Office of Research, Department of Biological Science
2000-2005 Associate Scholar Scientist, 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, Outstanding article in Marine Resource Economics (with M. Smith and 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
2000 Akshintala Prasad described a new species of marine diatom from Florida Bay. Berkeleyaceae, Bacillariophyta: *Climaconeis colemaniae*.

NONDEGREE EDUCATION & TRAINING

2016–2018 FSU - Professional Fundraising for Deans and Academic Leaders.
3/22/2016 – Tallahassee, FL.
2015 CASE - Development for Deans and Academic Leaders.
1/8-11/11/2015. Washington, DC.
2015 NSF & Ecological Society of America - Sustaining Biological Infrastructure.
Baltimore MD.

SYNERGISTIC ACTIVITIES

- 2019-present – Triumph Gulf Coast, Inc. (BP) The Apalachicola Bay System Initiative
07/01/2019-06/30/2024, Policy & Outreach Lead (\$8.0 million, PI S Brooke, FSUCML).

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- 2011- 2015 GOMRI (BP) 10/01/11-09/30/14. Deep Sea to Coast Connectivity, Science Director (\$20.5 million: PI E. Chassignet, FSU)
- 1998-2013 - Director, Marine Biology Certificate Program, FSU Dept. Bio Sci. I developed this program to provide professional guidance and research opportunities for undergraduates. Website: <http://www.bio.fsu.edu/FSUCML/>
- 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/

RESEARCH GRANTS

Current

- Triumph Gulf Coast, Inc. (BP, Co-PI) The Apalachicola Bay System Initiative 07/01/2019-06/30/2024, Policy & Outreach Lead (\$8.0 million, PI S Brooke, FSUCML).

Other

- NOAA-NOS. REPP (CIMAS -University of Miami). 2011- 2018 (029246). – Connectivity – Population connectivity of the Pulley Ridge – South FL coral reef ecosystem. Co-PI Koenig. \$150K.
- GOMRI (BP) 2011-2014. Deep Sea to Coast Connectivity, Science Director (\$20.5 million: PI E. Chassignet, FSU)
- NOAA MARFIN. 2011-2016 (028866). Regional age structure, reproductive biology and trophic patterns of adult goliath grouper in Florida. PI Koenig \$481,664
- NFWF via FWC. 2016. Seagrass abundance and productivity in St George Sound and Apalachee Bay, Florida. \$100K. PI: Brooke, Co-PI Coleman.
- NOAA MARFIN 2010-2013 (027054). Recovering Goliath Grouper in the Southeastern United States. Co PI with C. Koenig. \$298,129.
- GOMRI (BP) 2011-2014 (031526). Deep Sea to Coast Connectivity – Fisheries Ecology. Co-PIs Grubbs, Koenig. \$2,018,973
- Florida Fish & Wildlife Conservation Commission. 2011-2014 (028154). Functional role of artificial reefs in supporting offshore migration of reef fishes. PI Koenig. \$81,371
- FSU College of Arts and Sciences 2011. FSU Big Idea - Inter-American Seas Institute for Sustainability Science and Policy, Kick-off Symposium. Co Pi Phil Steimberg \$5,000
- NOAA Northern Gulf Institute Gulf of Mexico Research Initiative. 2010-2011. Impact of crude oil on coastal and ocean environments of the West Florida Shelf and Big Bend Region from the shoreline to the continental Shelf Edge. \$500,000 (PI E. Chassignet, F. Coleman).
- NOAA MARFIN. 2007-2011. Protection of grouper and red snapper spawning in marine reserves: demographics, movements, survival, and spillover benefits in the eastern Gulf of Mexico. \$471,336. (Co-PI C. Koenig)

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- NOAA National Undersea Research Program. 2008-2010. Title: Behavior of red grouper and 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 and fish populations? \$35K.
- NOAA Cooperative Research Program 2005-2009 Goliath grouper population density, demographics, and 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 and genetic markers as a basis for a gag *Mycteroperca microlepis* recruitment-forecasting model. Co-PI C. Koenig, FSU
- Florida Fish and Wildlife Conservation Commission. 2008-2009. Goliath Grouper Study: A Survey Analysis of Dive Shop and Charter Boat Operators in Florida
- Gordon and Betty Moore Foundation. 2008. Travel grants for Young Investigators presenting at the FSU William R. and Lenore Mote Symposium. \$15,000
- The Curtis and Edith Munson Foundation. 2008. Support for publication of proceedings for the FSU William R. and Lenore Mote Symposium. \$5,000
- The Ocean Conservancy. 2007-2008. Marine reserves for spawning aggregations of gag. \$30,360
- 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 and habitat engineering in the shelf-edge MPAs in GOM. 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, and 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 and developing metapopulation and stage-classified population models.

PUBLICATIONS

Peer Reviewed Journal Articles

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. and H. O. Yoshida. (eds). Proc. workshop on the fate and impact of marine debris. 27-29 Nov. 1984, Honolulu, Hawaii. NOAA Tech. Memor. NMFS-SWFC-54.
4. **Coleman, FC** 1993. Morphological and 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 and 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 and snappers*. ICLARM Conf. Proc. 48, 449 p.
7. **Coleman, FC**, J. Travis. 1998. Phenology of recruitment and 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 and 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 and Policy. Invited paper.
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 and 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 and CB Grimes. 2000. American Fisheries Society Position Statement: Long-lived reef fishes: the grouper-snapper complex. *Fisheries* 25(3):14-21.
<http://www.tandfonline.com/doi/pdf/10.1577/1548-8446%282000%29025%3C0014%3ALRF%3E2.0.CO%3B2>
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 and 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 and Evolution* 17(1):40-44.
17. Dayton, P., S. Thrush, and **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 and 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 and A. Scarborough-Bull (eds). *Fisheries, Reefs, and Offshore Development*. American Fisheries Society Symposium 36.
20. **Coleman, FC**, P. Baker, and CC Koenig. 2004a. A review of Gulf of Mexico marine protected areas: successes, failures, and lessons learned. *Fisheries* 29:10-21.
21. **Coleman, FC**, WF Figueira, JS Ueland, and LB Crowder. 2004b. The impact of U. S. recreational fisheries on marine fish populations. *Science* 305:1958:1960, *and in* *Science Express* (www.sciencexpress.org/26 August 2004/p1/10.1126/science1100397).
22. **Coleman, FC**, WF Figueira, J. S. Ueland, and L. B. Crowder. 2005. The recreational fisher's perspective - Response. *Science* 307:1561-1561.
23. **Coleman, FC**, W. F. Figueira, J. S. Ueland, and 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 and historical specimens. *Limnology and 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 and J. P. Thomas, editors. *Benthic Habitats and the Effects of Fishing*. American Fisheries Society, Bethesda, Maryland. American Fisheries Society Symposium 41.
26. Scanlon, K. M., **FC Coleman**, and C. C. 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 and J. P. Thomas, editors. *Benthic Habitats and the Effects of Fishing*. American Fisheries Society, Bethesda, Maryland.
27. Fitzhugh, GR, CC Koenig, **FC Coleman**, CB Grimes, W. A. Sturges. 2005. Spatial and temporal patterns in fertilization and settlement of young gag (*Mycteroperca microlepis*) along the West Florida Shelf. *Bulletin of Marine Science* 77(3):377-396.
28. Smith, MD, J. Zhang, and **FC Coleman**. 2006. Effectiveness of Marine Reserves for Large-Scale Fisheries Management. *Canadian Journal of Fisheries and Aquatic Science* 63:153-164s.
29. Heppell, SS, SA Heppell, **FC Coleman**, and 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, and **FC Coleman**. 2007. Structural modeling of marine reserves with Bayesian Estimation. *Marine Resource Economics*. Vol 22: 121-136.

32. Smith, MD, J. Zhang, and **FC Coleman**. 2008. Econometric modeling of fisheries with complex life histories: avoiding biological management failures. *Journal of Environmental Economics and Management* 55:265-280.
33. Mann, DA, JV Locascio, **FC Coleman**, CC Koenig. 2009. Goliath Grouper (*Epinephelus itajara*) Sound Production and 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, and 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, and **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, and 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, and Other Anthropogenic Disturbances on Red Grouper and Other Reef Fishes in the Gulf of Mexico. *Integrative and 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, and 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.
43. Greenberg, MJ, WF Herrnkind, **FC Coleman**. 2010¹. Evolution of the Florida State University Coastal and Marine Laboratory. *Gulf of Mexico Science* 2010(1–2): 149–163.
44. Koenig, CC, **FC Coleman**, K Kingon. 2011. Pattern of recovery of the 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 and Around Marine Reserves of the Northeastern Gulf of Mexico. *The*

¹ Not actually published until Fall 2011

- Professional Geographer, 63(4) 2011:1–19.
<http://www.tandfonline.com/doi/pdf/10.1080/00330124.2011.585076>
46. 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>.
47. Peterson, C. H., **FC Coleman**, J. B. C. Jackson, R. E. Turner, G. T. Rowe *et al.* 2011. A Once and Future Gulf of Mexico Ecosystem: Restoration Recommendations of an Expert Working Group. 112pp. The Pew Charitable Trust, Washington, D. C.
48. Nelson, J, R Wilson, **F Coleman**, C Koenig, D DeVries, C Gardner, J Chanton. 2012. *Flux by fin: fish-mediated carbon and nutrient flux in the northeastern Gulf of Mexico*. *Mar Biol* (2012) 159:365-372
49. 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.
50. 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>
51. 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
52. 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
53. 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.
54. 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.
55. 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.
56. 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
57. 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
58. Pérez-Portela, R., Bumford, A., Coffman, B., Wedelich, S., Davenport, M., Fogg, A., Swenarton, M., **Coleman, F.**, Johnston, M., Crawford, D., & Oleksiak, M. (2018). Genetic homogeneity of the invasive lionfish across the Northwestern Atlantic and the Gulf of Mexico based on Single Nucleotide Polymorphisms. *Nature Scientific Reports*, 8(5062). Retrieved from <https://www.nature.com/articles/s41598-018-23339-w>
doi:doi:10.1038/s41598-018-23339-w
59. 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:DOI:10.1371/journal.pone.0190840
60. 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>
61. Malinowski, C., **Coleman, F.**, Koenig, C., Locascio, J., & Murie, D. (2019). Malinoswki, 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*. Retrieved from <https://doi.org/10.5343/bms.2018.0062> doi:<https://doi.org/10.5343/bms.2018.0062>
62. 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>
doi:<https://doi.org/10.1007/s12237-018-00512>

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. B 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. 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*

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- Ocean Ecosystems*. National Academy Press, Washington, DC. Retrieved from http://www.nap.edu/catalog.php?record_id=9994. National Research Council panel.
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. Sutinen, J., Boehlert, G., Botsford, L., **Coleman, F.**, Diltton, 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.
 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.
 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, Koenig CC.** 2010. Oases in a Sea of Sand—The Sea-Floor Architecture of a Fish. *In*. Cerulean S, Ray J, Wohlpar AJ (eds). *Unspoiled*. Red Hills Writers Project.
 11. **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.
 12. **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).
 13. 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
 14. **Coleman, FC 2017.** Propagating TURFs into the 21st Century: The value constraints and limitations to territorial user rights in fisheries. Proceedings of the Ninth Florida State

University William R & Lenore Mote International Symposium, 12–14 October, 2015, Sarasota, Florida. *Bulletin of Marine Science* 93(1):1-247

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.

PRESENTATIONS (ABBREVIATED)

2017-2018 INVITED

- KEYNOTE - *Water Drama - Evaluating Cross-Scale Interactions*. The Endangered Apalachicola: A National River Conference Wednesday, March 14-16, 2018, 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*
- KEYNOTE - Feb. 2017. Big Bend Science Symposium, University of Florida. Cedar Key, FL.
- Mar. 2017. Lecture in Olivia Mason's (EOAS) class on marine systems.
- March 2017. OLLI Presentation (FSUCML). The Invisible Fabric of Nature
- PANELIST - May 2017. Florida Marine Science Education Association Annual Conference, St. Augustine, FL. "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 Research at FSUCML.
- November 2017. St. Marks National Wildlife Refuge. The Secret Lives of Fish

2015-2016 INVITED

- 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.

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- 03/09/2015 –FSU Foundation Staff-Communications – *“The FSU Coastal & Marine Lab: - Turning the Tide for Research”*

2013-2014 INVITED

- 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?
- 06/26/2013 –Research Experience for Teachers, Presentation on the FSUCML.
- 09/9/2013 – Site visit of GOMRI Board. Presentation: Status of Deep-C Ecological Studies.
- KEYNOTE - College of Charleston, SC. 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.
- 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.
- 02/27/2013 Science Café at Ray’s Steel City Saloon, Tallahassee, FL. Secret Lives of Fish.
- 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.
- Florida State University Board of Trustees, FSUCML. Rebirth of the FSUCML 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 theFSU Coastal and Marine Laboratory March 28, 2013.
- Georgia Academy of Science. The Once and Future Gulf of Mexico. Featured Speaker. Mar 30, 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
- KEYNOTE - 04/24/2014 – Florida Marine Science Education Assoc. 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 –National Academy of Sciences Gulf Research Program Advisory Board, Tampa
- 09/18/2014 – Speaker - Deep-C Annual Meeting – *“The Curse of Too Much Science: Honing Your Science Message”* Tallahassee, FL

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- 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

- PANELIST - FSU Graduate Fellows Forum, "Journey to the Table: A Discussion of the Food System" TITLE: Fishing on Marine Ecosystems: Are We Asleep at the Reel?"
- Florida Legislative Spouses – The FSUCML Rebirth and involvement in the Oil Spill.
- KEYNOTE - Dauphin Island Sealab. Deep-C Teachers workshop. July 26, 2012.
- Seminole Sensation Week at Alligator Point, FL. Water Quality: Why It is Critical to Maintain Aug 25, 2012.
- St. Mark’s Yacht Club, 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
- 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 (Invited 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. 09/2010
- Pew Annual Meeting, Spain. Gulf of Mexico Oil Spill. October 2010

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- St. Augustine Study Group. Crescent Beach, FL. Gulf of Mexico Oil Spill. 10/2010
- 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 GulfPhoto 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, 01/2009
- FSU College of Law, Environmental Certificate Seminar, 02/2009
- KEYNOTE - Dauphin Island Sealab Graduate Student Symposium. 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
- KEYNOTE - National Council of University Research Administrators Annual Meeting, Panama City, FL. 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
- KEYNOTE - American Association of University Women. Birmingham, Michigan. March 2008.
- 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 Rive 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 habita 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

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- 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 re: FSU

Contributed

- American Fisheries Society Annual Meeting, Lake Placid, NY

PUBLIC SERVICE

CURRENT

Florida Service

- Apalachicola National Estuarine Research Reserve Advisory Committee (2016-current)

University Service

- National Association of Marine Laboratories, FSU Representative (2006-present)
- Southern Association of Marine Laboratories, FSU Representative (2006-present)
- Florida Sea Grant – FSU Campus Coordinator (2006-present)
- FSU Diving Control Board – ex officio member as director of the FSUCML

FSUCML Committees

- FSUCML Board of Trustees & Advisors – develop meeting materials with Chair, hold three meetings per year with receptions (2016-)
- FSUCML Scientific Advisory Board – develop meeting materials, visit itinerary, graduate student mini-symposium; occurs once every three years in conjunction with Board of Trustees meeting (2016-)
- FSUCML Internal Advisory Committee – meets once per year to receive Director’s report and provide feedback on how to engage potential users across the FSU campus. (2016-)
- FSUCML Boating Safety - Director serves as CAO, meets annually (2016-)
- FSUCML - Organizer, FSUCML Conservation Lecture Series (2019)

PREVIOUS (PAST 5 years)

National Service

- National Science Foundation. Reviewer on infrastructure panel for marine labs and field stations (2017).
- Pew Charitable Trust Lenfest Foundation – Ecosystem-based Fisheries Management Review – (2016-2017)
- National Academy of Sciences, NRC Committee: Value and Sustainability of Biological Field Stations, Marine Laboratories, & Natural Reserves in 21st Century Science, Education, & Public Outreach –
 - 07/23/2014 –Public briefing, study release. (w/ J Schubel) Washington, DC

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- 09/20/2014 – Briefing at Joint Meeting of NAML & OBFS, Woods Hole, MA (w/ J. Schubel)
- Congresswoman Gwen Graham – Workday at the FSU Coastal & Marine Lab (2014)
- Gulf of Mexico Fishery Management Council – Ecosystem Scientific & Statistical Committee Workshop (2010-2014)

University Service

- FSU Mote Eminent Scholar Committee Member. Department of Biological Science – resigned in 2016-2018
- Chair, FSU/Mote Symposia in Fisheries Ecology (1996-2018) – organized International Symposium held in Oct. 2016, Sarasota, FL
- Co-Chair, Evolution Ecology and Ethology of Fishes 20th Biennial Meeting 2016

PREVIOUS (Selected)

- INTERNATIONAL – (1) International Advisory Committee on Marine Reserves. Istituto Centrale per la Ricerca Scientifica e Tecnologica al Mari. Rome Italy. 2002-04; (2) Smithsonian Tropical Research Institute Caribbean Connections Advisory Panel
- FEDERAL MANAGEMENT – (1) Marine Protected Areas of the United States Federal Advisory Committee 2009-2011 <http://mpa.gov/mpafac/fac.html>; (2) The Joint Ocean Commission, Science Advisor; (3) 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, butterfly, data collection; chair marine reserves ad hoc committee; (4) National Marine Fisheries Service Ecosystem Principles Advisory Panel 1998-99; (5) Tortugas 2000, Advisory Panel on marine reserve in the Florida Keys. (6) The H. John Heinz III Center for Science, Economics, and the Environment Gulf of Mexico Regional Roundtable (1999)
- NATIONAL – (1) The Ecological Society of America's Marine Ecology Rapid Response Team (2005-2010); (2) The National Public Radio's Earth And Sky Program, Science Advisor (2006-2010); (3) American Fisheries Society Steve Berkeley Marine Conservation Fellowship, Selection Committee, 2009-2010; (4) National Association of State Universities and Land-Grant College NASULGC, Board on Ocean and Atmosphere (2001-2009); (5) National Academy of Science, NRC Committee, Best Available Science 2003-04; (6) National Undersea Research Program, Outside Review Panel of North Atlantic and Great Lakes Center. Groton, Connecticut. April 2002; (7) National Undersea Research Program, Outside Review Panel of the Southeastern United States and Caribbean. Wilmington, NC. 2003.; (8) Florida Keys National Marine Sanctuary Science Advisory Panel (Dec. 2000); (9) National Academy of Science, NRC Marine Reserves panel (1998-00)
- GULF OF MEXICO - OIL SPILL RELATED – (1) Florida Institute of Oceanography Oil Spill Research Advisory Committee member. July 2010.(2) State of Florida Oil Spill Academic Task Force. Executive Committee. <http://oilspill.fsu.edu/> April 2010-current. (3) JSOST Deepwater Horizon Oil Spill Conference. Living Marine Resources Workshop Group. October 2010

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- NGOS – (1) The Ocean Foundation, Board of Advisors; (2) Oceana, Scientific Advisory Board. 2003-2004; (2) Environmental Defense, Oceans Program Advisory Committee (2000). (3) Pew Charitable Trust. Research that Guides Policy on Marine Resources. Workshop. Philadelphia, PA. 2000. (4) Marine Biological Conservation Institute. Establishing comprehensive protection for sustainable use of marine resources, Washington, DC. 2000.
- FLORIDA – (1) The Florida Institute of Oceanography, Advisory Board (2006-2009); (2) Florida Sea Grant Director Search Committee (2007-2008). (2) Florida Forum on Marine Reserves & Special Management Areas, Florida Marine Fisheries Commission. Gainesville, FL July 1996. Invited.

ADVISOR FOR POST-DOC, GRADUATE STUDENT, AND UNDERGRADUATE RESEARCH

Post Doctoral Scholars (Past)

Stephen Gosnell (2013-2014) Baruch College, NY; Laura E. Petes (2007-2009) Manager, Coastal Communities Program at NOAA Office for Coastal Management, Christopher Stallings (2007-2011) Associate Professor, University of South Florida, David Kimbro (2008-2010) Northeastern University.

Graduate Students (Past)

Robert Ellis (Ph. D., Advisor, Department of Biological Science) – Scientist, Florida Fish & Wildlife Conservation Commission

Christopher Malinowski (Ph. D., Advisor, Department of Biological Science – Post Doc, Purdue University

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

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

Chelsea Counsell (M. Sc., Advisor, Department of Biological Science) – PhD student, University of Hawaii

Austin Todd (Ph. D., committee member, Department of Oceanography) – Data Scientist, National Renewable Energy Lab, Denver CO

Nathaniel Jue (Ph. D., 2009. Committee member, Department of Biological Science) – Assistant Professor, California State University, Monterey Bay

Erin Simmons (M. Sc., committee member, Department of Biological Science) -

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

SUPERVISED UNDERGRADUATE RESEARCH

Undergraduate student research projects supervised - 1998-2013_ more than 100 FSU undergraduate students in hands-on research experiences, all provided written reports in form of manuscript suitable for peer review.