

## Christopher D. Stallings

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### EDUCATION

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- 2007      **Ph.D. Zoology**, Oregon State University  
Advisor: Dr. Mark A. Hixon  
Dissertation: Indirect effects of fishing on predators and their prey  
Ph.D. Minor in **Environmental Statistics** (advisor: Dr. Paul A. Murtaugh)
- 2002      **M.A. Biology**, San Francisco State University  
Advisor: Dr. Ralph J. Larson  
Thesis: The influence of habitat at several spatial scales on kelp-forest fishes
- 1999      **B.S. Biology**, East Carolina University

### PROFESSIONAL POSITIONS

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- 2017 – present    **Associate Professor**  
University of South Florida, College of Marine Science, St. Petersburg, FL
- 2011 – 2017      **Assistant Professor**  
University of South Florida, College of Marine Science, St. Petersburg, FL
- 2009 – 2011      **Assistant in Research** (externally-funded research faculty)  
Florida State University Coastal and Marine Laboratory, St. Teresa, FL
- 2007 – 2009      **Postdoctoral Associate**  
Florida State University Coastal and Marine Laboratory, St. Teresa, FL

### AWARDS, FELLOWSHIPS, AND SCHOLARSHIPS

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- 2016      Florida Sea Grant, Newell Seminar Scholarship (\$1000)
- 2013      Florida Sea Grant, Newell Seminar Scholarship (\$1000)
- 2012      Florida Sea Grant, Newell Seminar Scholarship (\$500)
- 2009      Florida Sea Grant, Newell Seminar Scholarship (\$855)
- 2006      WSN Student Travel Award (\$50)
- 2006      Society for Conservation Biology Best Student Paper, finalist (\$100)
- 2005      WSN Best Student Paper (Mia Tegner Award), honorable mention
- 2002 – 2003      Thompson Coral Reef Graduate Fellowship (\$13,900)
- 2001      Myers Oceanographic and Marine Biology Trust (\$1000)
- 2000      Sigma Xi Grant-in-Aid of Research (\$800)
- 1994 – 1995      Josie Ruth Wheeler Carr Scholarship (\$4,000)
- 1994      John A. Holmes Scholar
- 1994      North Carolina Scholar (\$100)

**PUBLICATIONS** <sup>G</sup> = lab graduate student; <sup>U</sup> = lab undergraduate student; <sup>E</sup> = equal contribution

- In Revision Kurth, B.N.<sup>G</sup>, E.B. Peebles, and **C.D. Stallings**. Atlantic Tarpon (*Megalops atlanticus*) exhibit upper estuarine habitat dependence followed by foraging system fidelity after ontogenetic habitat shifts. *Estuarine, Coastal and Shelf Science*.
- In Review Curtis, J.S.<sup>G</sup>, M.A. Albins, E.B. Peebles, and **C.D. Stallings**. Stable isotope analysis of eye lenses from invasive lionfish yields record of resource use. *Marine Ecology Progress Series*.
- In Review Vecchio, J.L., **C.D. Stallings**, A. Wallace, J.S. Curtis, and E.B. Peebles. The  $\delta^{15}\text{N}$  values in muscle and liver of marine teleosts differ predictably and can be used as an indicator of site fidelity. *Limnology and Oceanography Methods*.
- In Review Lesser, J.S., W.R. Ryan James, **C.D. Stallings**, R.M. Wilson, and J.A. Nelson. Trophic niche volume decreases with increasing ecosystem productivity. *Ecology*.
- In Press Hanley, T.C., **C.D. Stallings**, J.W. White, and D.L. Kimbro. The prevalence, not intensity, of parasite species richness predicts host condition across environmental gradients. *Marine Ecology Progress Series*.
- In Press Freytes-Ortiz, I.M.<sup>G</sup> and **C.D. Stallings**. Elevated temperatures suppress inducible defenses and alter shell shape of intertidal mussel. *Marine Biology*.
- 2019 Pusack, T.J., D.L. Kimbro, J.W. White, and **C.D. Stallings**. Predation on oysters is inhibited by intense or chronically mild low salinity events. *Limnology and Oceanography* 64: 81-92.
- 2018 Wall, K.R.<sup>G</sup> and **C.D. Stallings**. Subtropical benthos vary with depth, reef type, and grazing intensity. *Journal of Experimental Marine Biology and Ecology* 509: 54-65.
- 2018 Booth, H.S., T.J. Pusack, J.W. White, **C.D. Stallings**, and D.L. Kimbro. Experimental evidence that oyster populations persist during predatory snail outbreaks because of intraspecific predator inhibition, not a prey size refuge. *Marine Ecology Progress Series* 602: 155-167.
- 2018 Dornelas, M., **C.D. Stallings**, et al. (254 coauthors). BioTIME: a database of biodiversity time series for the Anthropocene. *Global Ecology and Biogeography* 27: 760-786.
- 2018 Johnson, D.W., M.R. Christie, T.J. Pusack, **C.D. Stallings**, and M.A. Hixon. Larval connectivity and persistence of a marine fish metapopulation: implications for designing networks of marine protected areas. *Ecology* 99: 1419-1429.
- 2018 Pusack, T.J., H.G. Garland, D.L. Kimbro, J.W. White, and **C.D. Stallings**. Size-dependent feeding and intraspecific inhibition of an estuarine snail on oysters. *Journal of Experimental Marine Biology and Ecology* 501: 74-82.

- 2017 Tzadik, O.E.<sup>G</sup>, D.L. Jones, E.B. Peebles, C.C. Koenig, and **C.D. Stallings**. The effects of spatial scale on assigning nursery habitats in Atlantic Goliath Groupers (*Epinephelus itajara*) using non-lethal analyses of fin rays. *Estuaries and Coasts* 40: 1785-1794.
- 2017 Kimbro, D.L., J.W. White, H. Garland, N. Cox, M. Christopher, O. Stokes-Cawley, S. Yuan, T.J. Pusack, and **C.D. Stallings**. Local and regional stressors interact to drive a salinization-induced outbreak of predators on Florida oyster reefs. *Ecosphere* 8: e01992.
- 2017 Benkwitt, C.E., M.A. Albins, K.L. Buch, K.E. Ingeman, T.L. Kindinger, T.J. Pusack, **C.D. Stallings**, and M.A. Hixon. Is the lionfish invasion waning? Evidence from the Bahamas. *Coral Reefs* 36: 1255-1261.
- 2017 Koenig, C.C. , L.S. Bueno, F.C. Coleman, J.A. Cusick, R.D. Ellis, K. Kingon, J.V. Locascio, C. Malinowski, D.J. Murie, and **C.D. Stallings**. The timing of spawning (diel, lunar, seasonal) in Atlantic Goliath Grouper, *Epinephelus itajara* (Lichtenstein 1822). *Bulletin of Marine Science* 93: 391-406.
- 2017 Curtis, J.S.<sup>G</sup>, K.R. Wall<sup>G</sup>, M.A. Albins, and **C.D. Stallings**. Diet shifts in a native mesopredator across a range of invasive lionfish biomass. *Marine Ecology Progress Series* 573: 215-228.
- 2017 Tzadik, O.E.<sup>G</sup>, J.S. Curtis<sup>G</sup>, J.E. Granneman, B.N. Kurth<sup>G</sup>, T.J. Pusack, A.A. Wallace, D.J. Hollander, E.B. Peebles, and **C.D. Stallings**. Chemical archives in fishes beyond otoliths: A review on the use of other body parts as chronological recorders of microchemical constituents for expanding interpretations of environmental, ecological, and life-history changes. *Limnology and Oceanography Methods* 15: 238-263.
- 2017 Herdter, E.S.<sup>G</sup>, D.P. Chambers, **C.D. Stallings**, and S.A. Murawski. Did the *Deepwater Horizon* oil spill affect growth of Gulf of Mexico Red Snapper? *Fisheries Research* 191: 60-68.
- 2017 Tzadik, O.E.<sup>G</sup>, E.B. Peebles, and **C.D. Stallings**. Life history studies via non-lethal sampling: Using microchemical constituents of fin rays as chronological recorders. *Journal of Fish Biology* 90: 611-625.
- 2017 Stier, A.C., **C.D. Stallings**, J.F. Samhuri, M.A. Albins, and G.R. Almany. Biodiversity effects of the predation gauntlet. *Coral Reefs* 36: 601-606.
- 2016 **Stallings, C.D.**, E.B. Peebles, O. Ayala<sup>G</sup>, J.S. Curtis<sup>G</sup>, and K.R. Wall<sup>G</sup>. Lunar periodicity in spawning of White Grunt, *Haemulon plumieri*. *Bulletin of Marine Science* 92: 545-550.
- 2016 Chacin, D.H.<sup>G</sup>, T.S. Switzer, C.H. Ainsworth, and **C.D. Stallings**. Long-term retrospective analysis of spatio-temporal patterns in population dynamics and demography of juvenile Pinfish (*Lagodon rhomboides*). *Estuarine, Coastal, and Shelf Science* 183: 52-61.
- 2016 Simard, P., K.R. Wall<sup>G</sup>, D.A. Mann, C.C. Wall, and **C.D. Stallings**. Boat visitation rates at artificial and natural reefs in the eastern Gulf of Mexico using acoustic recorders. *PLoS One* 11:e0160695.

- 2016 Jerabek, A.S.<sup>G</sup>, K.R. Wall<sup>G</sup>, and **C.D. Stallings**. Low-copper antifouling paints as an alternative to frequent maintenance of experimental field apparatuses. *PeerJ* 4:e2213.
- 2016 Chacin, D.H.<sup>G</sup> and **C.D. Stallings**. Disentangling fine- and broad-scale effects of habitat on predator-prey interactions. *Journal of Experimental Marine Biology and Ecology* 483:10-19.
- 2016 Hall-Scharf, B.J.<sup>G</sup>, T.S. Switzer, and **C.D. Stallings**. Ontogenetic and long-term diet shifts of a predatory fish in an urban estuary undergoing dramatic changes in water quality and habitat dynamics. *Transactions of the American Fisheries Society* 145: 502-520.
- 2015 **Stallings, C.D.**, A. Mickle, J.A. Nelson, M.G. McManus, and C.C. Koenig. Faunal communities and habitat characteristics of the Big Bend seagrass meadows, 2009-2010. *Ecology* 96: 304 (Ecological Archives E096-030).
- 2015 Johnson, D.W., M.R. Christie, **C.D. Stallings**, T.J. Pusack, and M.A. Hixon. Using post-settlement demography to estimate pre-settlement larval survivorship: a coral-reef fish example. *Oecologia* 179: 729-739.
- 2015 Koenig, C.C. and **C.D. Stallings**. A new compact rotating video system for rapid survey of marine fish populations. *Bulletin of Marine Science* 91: 365-373. [**Feature Article; as of April 2016, this is the 3<sup>rd</sup> most downloaded paper in the history of the journal's website**]
- 2015 Tzadik, O.E.<sup>G</sup>, E.A. Goddard, D.J. Hollander, C.C. Koenig, and **C.D. Stallings**. Non-lethal approach identifies variability of  $\delta^{15}\text{N}$  values in the fin rays of Atlantic Goliath Grouper, *Epinephelus itajara*. *Peer J* 3:e1010.
- 2015 **Stallings, C.D.**, J.A. Nelson, K.L. Rozar<sup>U</sup>, C.S. Adams, K.R. Wall<sup>G</sup>, T.S. Switzer, B.L. Winner, and D.J. Hollander. Effects of preservation methods of muscle tissue from upper-trophic level reef fishes on stable isotope values ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ). *Peer-J* 3:e874.
- 2014 **Stallings, C.D.**, J.P. Brower<sup>U</sup>, J.M. Heinlein Loch<sup>G</sup>, and A. Mickle<sup>U</sup>. Commercial trawling in seagrass beds: bycatch and long-term trends in effort of a major shrimp fishery. *Marine Ecology Progress Series* 513: 143-153.
- 2014 Pusack, T.J., M.R. Christie, D.W. Johnson, **C.D. Stallings**, and M.A. Hixon. Spatial and temporal patterns of larval dispersal in a coral-reef fish metapopulation: evidence of variable reproductive success. *Molecular Ecology* 23: 3396-3408.
- 2014 **Stallings, C.D.**, J.P. Brower<sup>U</sup>, J.M. Heinlein Loch<sup>G</sup>, and A. Mickle<sup>U</sup>. Catch comparison between otter and rollerframe trawls: implications for sampling in seagrass beds. *Fisheries Research* 155: 177-184.
- 2014 Hall-Scharf, B.J.<sup>G</sup> and **C.D. Stallings**. Experimental test of preference by a generalist piscivore on morphologically- and behaviorally- different prey. *Journal of Experimental Marine Biology and Ecology* 460: 193-196.
- 2013 Nelson, J.A., **C.D. Stallings**, W.M. Landing, and J. Chanton. Biomass transfer subsidizes nitrogen to offshore food webs. *Ecosystems* 16: 1130-1138.

- 2013 Matechik, C.V.<sup>U</sup>, A. Mickle<sup>U</sup>, and **C.D. Stallings**. Experimental test of two marking methods on survival, growth, and tag retention on young of year pinfish (*Lagodon rhomboides*). *Journal of Experimental Marine Biology and Ecology* 440: 49-53.
- 2012 **Stallings, C.D.** and A. Dingeldein<sup>G</sup>. Intraspecific cooperation facilitates synergistic predation. *Bulletin of Marine Science* 88: 317-318.
- 2012 Hixon, M.A.<sup>E</sup>, T.W. Anderson<sup>E</sup>, K.L. Buch<sup>E</sup>, D.W. Johnson<sup>E</sup>, J.B. McLeod<sup>E</sup>, and **C.D. Stallings<sup>E</sup>**. Recruitment, density dependence, and population regulation in marine fish: a large-scale, long-term field manipulation. *Ecological Monographs* 82: 467-489.
- 2010 **Stallings, C.D.**, F.C. Coleman, C.C. Koenig, and D.A. Markiewicz<sup>U</sup>. Energy allocation in juveniles of a warm-temperate reef fish. *Environmental Biology of Fishes* 88: 389-398.
- 2010 **Stallings, C.D.** Experimental test of preference by a predatory fish for prey at different densities. *Journal of Experimental Marine Biology and Ecology* 389: 1-5.
- 2010 Christie, M.R., D.W. Johnson, **C.D. Stallings**, and M.A. Hixon. Self recruitment and sweepstakes reproduction amid extensive gene flow in a coral-reef fish. *Molecular Ecology* 19: 1042-1057.
- 2009 **Stallings, C.D.** Fishery-independent data reveal negative effect of human population density on Caribbean predatory fish communities. *PLoS One* 4: e5333.
- Media coverage of this study**
- Interviews with B. Matson on National Geographic Radio (aired 8/15/2009), S. Soltero on WALO Radio (Puerto Rico; aired 5/11/ 2009), B. Montague on WFSU TV
  - Featured in "Top Science Headlines" on *Science Daily* ("Sobering Decline of Caribbean's Big Fish, Fisheries; Overfishing Deemed Most Likely Cause" 5/6/2009); article on NationalGeographic.com ("Some Sharks, Barracuda Completely Gone in Caribbean; by Christine Dell'Amore" 5/8/2009); over 100 Internet media outlets and wires
- 2009 **Stallings, C.D.** Predator identity and recruitment of coral-reef fishes: indirect effects of fishing. *Marine Ecology Progress Series* 383:251-259.
- 2008 **Stallings, C.D.** Indirect effects of an exploited predator on recruitment of coral-reef fishes. *Ecology* 89: 2090-2095.
- 2006 White, J.W., J.F. Samhuri, and **C.D. Stallings**. Reply: Interspecific communicative and coordinated hunting between groupers and giant moray eels in the Red Sea. *PLoS Biology* 4(12): e431.
- 1999 Norton, S.F. and **C.D. Stallings**. The distribution and abundance of the aposematic, chemically defended amphipods off Bell Island, WA. *American Zoologist* 39: Special Issue 119A.

## **REPORTS**

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- 2014 Kingon, K., C.C. Koenig, **C.D. Stallings**, and K.R. Wall. A Preliminary Report on Artificial and Natural Reef Communities in the NE Gulf of Mexico, Similar or Not? *Gulf and Caribbean Fisheries Institute* **66**: 3-7-315.

- 2014 Jackson, J.B.C. et al. (**C.D. Stallings** one of 90 co-authors). Status and trends of Caribbean coral reefs: 1970 – 2012. Global Coral Reef Monitoring Network. Washington, D.C. 245pp.
- 2014 SEDAR (Southeast Data, Assessment, and Review). SEDAR 33 – Gulf of Mexico Gag Stock Assessment Report. SEDAR, North Charleston SC. 609pp. ([http://www.sefsc.noaa.gov/sedar/Sedar\\_Workshops.jsp?WorkshopNum=33](http://www.sefsc.noaa.gov/sedar/Sedar_Workshops.jsp?WorkshopNum=33) ).
- 2014 SEDAR (Southeast Data, Assessment, and Review). SEDAR 33 – Gulf of Mexico Greater Amberjack Stock Assessment Report. SEDAR, North Charleston SC. 490pp. ([http://www.sefsc.noaa.gov/sedar/Sedar\\_Workshops.jsp?WorkshopNum=33](http://www.sefsc.noaa.gov/sedar/Sedar_Workshops.jsp?WorkshopNum=33) )

### **NON-PEER REVIEWED PUBLICATIONS AND OTHER MEDIA**

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- 2014 – ongoing Weekly posts to “Fish Ecology Lab” Facebook page with original content from lab’s research; receives  $\geq 2000$  unique hits per week;  $>800$  followers
- 2017 Media coverage of forage fish research
- “[New Program Shines Spotlight on Florida’s Forage Fish](#)” - Snook and Gamefish Foundation, January 29, 2018
  - “I’m a Florida Sportsman: The Scientist” - Florida Sportsman, October 2017
  - “[Scientist Discovers Secret Lives of Fish – By Peering Into Their Eyes](#)” - Compass Points (blog), Pew Charitable Trusts, July 20, 2017
  - “[Fish Eyes Bring Big Secrets into Focus](#)” – Florida Diver, June 26, 2017
- 2015 - 2017 Media coverage of Lionfish research
- “Riches from the Sea” (author, Sue Cullen), Scene Magazine, October 2015
  - “Blue economy: containing the lion” (author, Michael Pollick), Sarasota Herald Tribune, July 26, 2015
  - “The fish that ate Florida” one-hour radio feature on BBC World Service, <http://www.bbc.co.uk/programmes/w3csvgp6d>, November 2017
  - WFLA live on-air interview, “Lionfish turn out to be tasty meal”, <http://wfla.com/2017/10/20/invasive-lionfish-turn-out-to-be-tasty-meal/>, October 2017
- 2014 USF Faculty Spotlight, *Rising Tides* newsletter.
- 2014 Goliath Grouper research featured in “Big Water Adventures” TV show on cable network The Outdoor Channel
- 2014 Lionfish research featured on sizzle reel for “Ocean Warriors” TV show
- 2013 Goliath Grouper research featured on “Reel Saltwater Outdoors Radio Show”
- 2009 **Stallings, C.D.** Animals of Big Bend Seagrass Meadows. *Tidings* newsletter.
- 2009 Contributing author: “Commercially important groupers of the Gulf of Mexico and South Atlantic regions” report for Monterey Bay Aquarium Seafood Watch.
- 2009 Contributing author: “Commercially important Gulf of Mexico/ South Atlantic snappers” report for Monterey Bay Aquarium Seafood Watch.
- 2006 Interviewed for “A Fishy Tag Team” in "*ScienceNOW* Daily News" (December 7, 2006); feature also highlighted in "*OSU Today*" (December 8, 2006)

**RESEARCH GRANTS (while at USF)** *PI* = Principle Investigator; *CI* = Co-Investigator  
**USF Running Total to Stallings = \$1,477,278 of external support (2011 – present)**

2019 – 2020 <sup>PI</sup>	<b>National Science Foundation.</b> Quantifying mechanisms by which Hurricane Michael facilitates a stable-state reversal on oyster reefs. <i>Stallings component = \$64,337 over one year.</i>	\$150,424
2019 – 2021 <sup>PI</sup>	<b>Florida RESTORE Act Centers of Excellence Program</b> Spawning habitat and early-life linkages to fisheries (SHELF). (PI: E. Peebles, CIs: M. Breitbart, USF, S. Murawski, USF, C. Stallings, USF); <i>Stallings component = \$67,760 over two years.</i>	\$749,999
2016 – 2019 <sup>PI</sup>	<b>Florida Fish and Wildlife Conservation Commission.</b> Fish production on artificial and natural reefs.	\$106,965
2017 – 2018 <sup>PI</sup>	<b>Pew Charitable Trusts.</b> Population dynamics of Pinfish in the eastern Gulf of Mexico (1998-2016).	\$10,000
2016 – 2018 <sup>CI</sup>	<b>Florida RESTORE Act Centers of Excellence Program</b> Spawning habitat and early-life linkages to fisheries (SHELF). (PI: E. Peebles, CIs: M. Breitbart, USF, S. Murawski, USF, C. Stallings, USF; J. Locascio, Mote, D. Chagaris, UF); <i>Stallings component = \$87,765 over two years.</i>	\$799,999
2016 – 2017 <sup>CI</sup>	<b>Northeastern University.</b> Matanzas River Estuary oyster reefs research project (PI: D. Kimbro, NEU).	\$26,625
2015 <sup>PI</sup>	<b>Gulf Coast Community Foundation.</b> Taking back the lion's share. (CIs: G. Mitchum, H. Rutherford, T. Pusack, A. Farmer, S. Phelps, K. Sosa).	\$25,000
2014 - 2017 <sup>PI</sup>	<b>Florida Department of Environmental Protection.</b> Florida's imperiled Apalachicola oysters: paired experimentation, monitoring, and modeling to understand collapse of oyster reefs and to promote recovery.	\$423,910
2014 – 2016 <sup>CI</sup>	<b>NOAA Bycatch Reduction Engineering Program.</b> Testing an alternative method for the safe release of reef fishes caught on hook-and-line gear in the recreational fishery in the Gulf of Mexico (PI: B. Sauls, FWRI); <i>Stallings subaward = \$51,612.</i>	\$185,843
2014 – 2015 <sup>CI</sup>	<b>Guy Harvey Foundation.</b> Lionfish trap tests in the eastern Gulf of Mexico. (PI: E. Peebles; CI: S. Murawski).	\$9,200
2014 – 2015 <sup>PI</sup>	<b>USF Creative Scholarship.</b> How does ocean warming influence prey responses to predators?	\$10,000
2012 – 2015 <sup>PI</sup>	<b>Florida Sea Grant.</b> Fishing down an invasive species: determining the effort necessary to reduce local lionfish populations and mitigate their effects.	\$150,000
2012 – 2015 <sup>PI</sup>	<b>Florida Fish and Wildlife Conservation Commission.</b> Quantifying participant use of artificial reefs in the eastern Gulf of Mexico using acoustic remote sensing techniques.	\$72,943
2012 – 2014 <sup>PI</sup>	<b>NOAA Cooperative Research Program.</b> Combining fishery-independent and fishery-dependent methods: a pilot study on a hybrid approach to sampling reef fishes (CIs: R. McMichael,	\$272,900

	T. Switzer, FWRI; commercial industry participants).	
2012 – 2014 <sup>CI</sup>	<b>Florida Fish and Wildlife Conservation Commission.</b> Functional role of artificial reefs in supporting offshore migration of reef fishes (PI: C. Koenig, FSU); <i>Stallings subaward</i> = \$15,055	\$79,311
2011 – 2016 <sup>CI</sup>	<b>NOAA MARFIN.</b> Regional age structure, reproductive biology and trophic patterns of adult goliath grouper (PI: C. Koenig, FSU; CIs: D. Murie, D. Parkyn, UF); <i>Stallings subaward</i> = \$92,464.	\$481,664

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**RESEARCH GRANTS (prior to USF)** <sup>PI</sup> = Principle Investigator; <sup>CI</sup> = Co-Investigator

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2010 – 2011 <sup>CI</sup>	<b>NOAA Northern Gulf Institute.</b> 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 (Subsection CIs: C. Koenig, F. Coleman)	\$60,761
2009 – 2010 <sup>CI</sup>	<b>NOAA Northern Gulf Institute.</b> Integrated research for the Northern Gulf of Mexico Big Bend Region (Subsection Co-Is: C. Koenig, F. Coleman)	\$50,950
2008 – 2010 <sup>PI</sup>	<b>NOAA Saltonstall-Kennedy.</b> Indirect effects of the bait-shrimp fishery on juvenile gag grouper. (CIs: F. Coleman, C. Koenig)	\$76,847
2008 – 2010 <sup>PI</sup>	<b>Florida Fish and Wildlife Conservation Commission.</b> Faunal communities of the Big Bend seagrass meadows. (CI: C. Koenig)	\$55,802
2008 <sup>CI</sup>	<b>Florida State University Research Foundation</b> – Equipment and Infrastructure Enhancement Grant (PI: R. Grubbs)	\$20,500

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**IMPACT OF RESEARCH ON POLICY AND LAW**

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**U.S. Supreme Court Trial** *State of Florida v. State of Georgia* (docket no. 220142); Research on the effects of reduced flow of fresh water into the Apalachicola Region on oyster populations. <http://www.supremecourt.gov/Search.aspx?FileName=/docketfiles/22o142.htm>

**Florida Lionfish Education and Research Act** (SB1668) sponsored by Senator Bill Montford. Founding member of Florida Lionfish Education and Research Consortium (FLERC) to address the ecological and economic concerns of the Indo-Pacific lionfishes in state waters of Florida and surrounding federal waters. <https://www.flsenate.gov/Session/Bill/2016/1668>

**State of Florida** has adopted our reef fish sampling technique for the purpose of long-term, fishery independent monitoring conducted by the Florida Fish and Wildlife Conservation Commission's Fish and Wildlife Research Institute. The technique is also under consideration by the **NOAA** Southeast Monitoring and Assessment Program (SEAMAP).



**INVITED SEMINARS**

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2018	Florida Forage Fish Workshop, St. Petersburg, FL
2018	Tampa Bay Beaches Chamber of Commerce, Tierra Verde, FL
2017	FIO Lionfish Awareness Fundraiser, Treasure Island, FL
2016	National Marine Educators Association Conference, Orlando, FL
2016	University of South Florida, Senate President Negron Event, Tampa, FL
2016	Marine Fisheries Regulations Seminar, Naples, FL
2016	Salty Topics Lecture Series at Weedon Island, St. Petersburg, FL
2015	Florida Sea Grant Coastal Science Symposium, Gainesville, FL
2015	DEMA Panel Seminar on Lionfish Research and Control, Orlando, FL
2015	Tampa Bay Reef Club, Sarasota, FL
2015	American Fisheries Society, Annual Meeting of the Florida Chapter, Ocala, FL
2015	Florida Artificial Reef Summit (Ecology Session), Clearwater, FL
2015	Florida Artificial Reef Summit (Human Dimensions Session), Clearwater, FL
2015	ASMFC- GSMFC Artificial Reef Committee Meeting, Clearwater, FL
2015	College of Marine Science, University of South Florida, St. Petersburg, FL
2014	Florida Sea Grant Extension Program Annual Meeting, Ft. Pierce, FL
2014	Florida Sea Grant Extension Agent Webinar, online
2013	Florida Sea Grant Extension Agent Webinar, online
2013	Ocean Acidification Workshop, Mote Marine Laboratories, Sarasota, FL
2012	Marine Science Seminar, Eckerd College, St. Petersburg, FL
2012	Department of Integrative Biology, University of South Florida, Tampa, FL
2012	Department of Biology Seminar, University of Tampa, Tampa, FL
2010	College of Marine Science, University of South Florida, St. Petersburg, FL
2010	Biology Dept. Seminar, Western Washington University, Bellingham, WA
2010	NOAA Science Seminar Series, NWFSC, Seattle, WA
2009	Colloquium Series, Dauphin Island Sea Lab, Dauphin Island, AL
2009	Biology Department Seminar, University of Florida, Gainesville, FL
2008	Conservation Lecture Series, Florida State University, St. Teresa, FL
2007	Zoology Department Seminar, Oregon State University, Corvallis, OR
2007	PISCO Lunch Seminar, Oregon State University, Corvallis, OR
2007	Biology Department Seminar, Florida State University, Tallahassee, FL
2007	National Science Board Poster Session, Oregon State University, Corvallis, OR
2006	Department of Biology, Lewis and Clark College, Portland, OR
2005	Teacher Workshop, Lee Stocking Island, Bahamas

## **CONTRIBUTED PRESENTATIONS (including accepted abstracts for upcoming meetings)**

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- 2018        **Stallings, C. D.**, M. E. Faletti, D. H. Chacin, J. A. Peake, and T. MacDonald. Population dynamics of Pinfish in the eastern Gulf of Mexico (1998-2016). Florida Chapter of the American Fisheries Society Annual Meeting, Haines City, FL, USA.
- 2018        Faletti, M. E. and **C. D. Stallings**. Life through the eyes of a Hogfish: Investigating Hogfish *Lachnolaimus maximus* movement and habitat connectivity using eye-lens stable isotopes. Florida Chapter of the American Fisheries Society Annual Meeting, Haines City, FL, USA.
- 2018        McManus, M.G. and **C.D. Stallings**. False starts and half-steps at doing open science in the monitoring of aquatic ecosystems. American Water Resources Association Spatial Analysis Meeting, Orlando, FL, USA.
- 2018        Pusack, T., D.L. Kimbro, J.W. White, and **C.D. Stallings**. Predation on oysters is inhibited by acutely intense or chronically mild low salinity events. Benthic Ecology Meeting, Corpus Christi, TX, USA.
- 2018        Lesser, J., W.R. James, **C.D. Stallings**, R.M. Wilson, and J.A. Nelson. Ecosystem production drives trophic niche volume. Benthic Ecology Meeting, Corpus Christi, TX, USA.
- 2017        **Stallings, C.D.**, A. Mickle, J.A. Nelson, O.E. Tzadik, G.S. Ellis, D.J. Hollander, E.B. Peebles, E.A. Goddard, N.K. Jue, and C.C. Koenig. Consistent trophic ontogenies among local populations despite highly variable diets. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        **Stallings, C.D.**, J. Curtis, M. Faletti, J. Granneman, J. Peake, E.B. Peebles, and K.R. Wall. Production and resource use on paired artificial-natural reefs. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        **Stallings, C.D.**, J.W. White, T.J. Pusack, and D.L. Kimbro. Water management, not overharvest, contributed to the 2012-2013 Apalachicola Bay oyster fishery collapse. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        **Stallings, C.D.**, P. Simard, C. Wall, K.R. Wall, and D. Mann. Boat visitation rates from acoustic detections on paired artificial-natural reefs. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        Kurth, B., E.B. Peebles, and **C.D. Stallings**. Habitat Dependence, ontogenetic habitat shifts, and foraging system fidelity of Atlantic Tarpon (*Megalops atlanticus*). American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        Faletti, M. and **C.D. Stallings**. Investigating movement of Hogfish (*Lachnolaimus maximus*) using eye-lens stable isotopes. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        Kurth, B., M. Tringali, and **C.D. Stallings**. Ontogenetic habitat shifts and biology of juvenile Atlantic Tarpon (*Megalops atlanticus*) in Florida. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017        Wall, K.R. and **C.D. Stallings**. Sea urchin grazing shapes epibenthic community composition in the eastern Gulf of Mexico. American Fisheries Society Annual Symposium, Tampa, FL, USA. [poster]

- 2017 Faletti, M. and **C.D. Stallings**. Investigating life history of Hogfish (*Lachnolaimus maximus*) using eye-lens stable isotopes. American Fisheries Society Annual Symposium, Tampa, FL, USA. [poster]
- 2017 Ayala, O., B. Sauls, T. Cross, R. Germeroth, and **C.D. Stallings**. Testing the efficacy of recompression devices in reducing discard mortality of reef fish in the eastern Gulf of Mexico. American Fisheries Society Annual Symposium, Tampa, FL, USA.
- 2017 Wallace, A.A., J.L. Vecchio, J.E. Granneman, **C.D. Stallings**, and E.B. Peebles. Overview of fish eye lenses as lifetime isotopic recorders. American Fisheries Society Annual Symposium, Tampa, FL, USA. [poster]
- 2017 Boyd, A., S. McKean, D. Mann, **C.D. Stallings**, S. Gowans, and P. Simard. Soundscape analysis of Tampa Bay and the West Florida Shelf (Gulf of Mexico). Coastal and Estuarine Research Federation Biennial Meeting, Providence, RI, USA [poster].
- 2017 Lesser, J., **C.D. Stallings**, and J. Nelson. Quantifying the resource use niche over gradients of productivity using n-dimensional hypervolumes. Coastal and Estuarine Research Federation Biennial Meeting, Providence, RI, USA.
- 2017 Kimbro, D.L., J.W. White, and **C.D. Stallings**. Water management, not overharvest, contributed to the 2012-2013 Apalachicola Bay oyster fishery collapse. Coastal and Estuarine Research Federation Biennial Meeting, Providence, RI, USA.
- 2017 Chacin, D.H., **C.D. Stallings**, M. Eggertsen, C. Akerlund, Y. Rojas, C. Halling, C. Berkstrom. Macroalgal identity drives patterns of herbivory and fish assemblages within a tropical East African seascape. Indo-Pacific Fish Conference, Tahiti, French Polynesia.
- 2017 Kimbro, D. L, J.W. White, T.J. Pusack, and **C.D. Stallings**. Local and regional stressors interact to drive a salinization-induced outbreak of predators on Florida oyster reefs. Benthic Ecology Meeting, Myrtle Beach, SC, USA.
- 2017 White, J.W., T.J. Pusack, **C.D. Stallings**, and D.L. Kimbro. Water management, not overharvest, contributed to the 2012-2013 Apalachicola Bay oyster fishery collapse. Benthic Ecology Meeting, Myrtle Beach, SC, USA.
- 2017 Chacin, D.H., M. Eggertsen, C. Åkerlund, Y. Rojas, **C.D. Stallings**, C. Halling, C. Berkström. Differential herbivory in native and introduced macroalgal seascapes in East Africa. Benthic Ecology Meeting, Myrtle Beach, SC, USA [poster].
- 2017 Hann, A.M., **C.D. Stallings**, and J.W. White. Balancing production and fisher attraction on artificial reefs: model analysis. Benthic Ecology Meeting, Myrtle Beach, SC, USA [poster].
- 2017 Kimbro, D.L., J.W. White, T. Pusack, and **C.D. Stallings**. Local and regional stressors interact to drive a salinization-induced outbreak of predators on Florida oyster reefs. Ecological Society of America, Portland OR, USA.
- 2016 **Stallings, C.D.**, A. Mickle, J.A. Nelson, O.E. Tzadik, G.S. Ellis, D.J. Hollander, E.B. Peebles, E.A. Goddard, N.K. Jue, and C.C. Koenig. Consistent trophic

- ontogenies among local populations despite highly variable diets. Ecological Society of America Annual Meeting. Ft. Lauderdale, FL, USA.
- 2016 Pusack, T.J., M. Farnum, O.J. Stokes-Cawley, D. Kimbro, J.W. White, and **C.D. Stallings**. Emergent predatory effects of aggregative feeding by the southern oyster drill (*Thais haemastoma*) on eastern oyster (*Crassostrea virginica*). Ecological Society of America Annual Meeting. Ft. Lauderdale, FL, USA.
- 2016 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Shifts in the diet and isotopic niche width of a native predator across a gradient of invasive lionfish biomass. Ecological Society of America Annual Meeting. Ft. Lauderdale, FL, USA [poster].
- 2016 Wall, K.R. and **C.D. Stallings**. Effects of herbivory and habitat type on the recruitment and succession of epibenthos in the eastern Gulf of Mexico. Ecological Society of America Annual Meeting. Ft. Lauderdale, FL, USA [poster].
- 2016 Chacin, D.H., T.J. Pusack, M. Farnum, O.J. Stokes-Cawley, D. Kimbro, and **C.D. Stallings**. Growth and survival of juvenile oysters, *Crassostrea virginica*, among black mangroves, oyster bars, and saltmarsh habitats. Mangrove and Macrobenthos Meeting. St. Augustine, FL, USA [poster].
- 2016 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Diet shifts in a native predator associated with biomass of invasive lionfish on a south Florida reef ledge. University of California Education Abroad Program Reunion Paper Presentation. San Diego, CA, USA.
- 2016 **Stallings, C.D.**, A. Mickle, J.A. Nelson, O.E. Tzadik, G.S. Ellis, D.J. Hollander, E.B. Peebles, E.A. Goddard, N.K. Jue, and C.C. Koenig. Consistent trophic ontogenies among local populations despite highly variable diets. Benthic Ecology Meeting. Portland, ME, USA.
- 2016 Pusack, T.J., M. Farnum, O.J. Stokes-Cawley, D. Kimbro, J.W. White, and **C.D. Stallings**. Competitive communal feeding of the southern oyster drill (*Thais haemastoma*) on the eastern oyster (*Crassostrea virginica*). Benthic Ecology Meeting. Portland, ME, USA.
- 2016 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Do invasive Lionfish affect the diet and condition of native predators? Benthic Ecology Meeting, Portland, ME, USA.
- 2016 Farnum, M.G., T.J. Pusack, O.J. Stokes-Cawley, D.L. Kimbro, and **C.D. Stallings**. Habitat complexity modifies mud crab feeding behavior on oysters. Benthic Ecology Meeting. Portland, ME, USA [poster].
- 2016 Stokes-Cawley, O.J., T.J. Pusack, M. Farnum, D.H. Chacin, D.L. Kimbro, and **C.D. Stallings**. Growth and survival of juvenile oysters (*Crassostrea virginica*) among adult conspecifics. Benthic Ecology Meeting. Portland, ME, USA [poster].
- 2015 **Stallings, C.D.**, M.A. Albins, S.L. Moneysmith, M.P. Hoffman, and V.N. McDonough. Spatial and temporal analysis of the Biscayne National Park

- Lionfish Removal Program (2010-2015). Gulf and Caribbean Fisheries Institute. Panama City, Panama.
- 2015 Tzadik, O.E., D.L. Jones, E.B. Peebles, and **C.D. Stallings**. Where have they been hiding? Spatial distributions and ontogenetic movements of Goliath Grouper (*Epinephelus itajara*) in the state of Florida. Gulf and Caribbean Fisheries Institute. Panama City, Panama.  
[\* *Ron Schmied Award for excellence in fisheries research*]
- 2015 Hixon, M.A., M.A. Albins, C. Benkwitt, K.L. Buch, K. Ingeman, T. Kindinger, T.J. Pusack and **C.D. Stallings**. Is the lionfish invasion waning?: evidence from The Bahamas. Gulf and Caribbean Fisheries Institute. Panama City, Panama.
- 2015 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Do invasive lionfish affect the diet and condition of native mesopredators? Gulf and Caribbean Fisheries Institute. Panama City, Panama.
- 2015 Koenig, C.C., L.S. Bueno, F.C. Coleman, J.A. Cusick, R.D. Ellis, J.V. Locascio, C. Malinowski, D.J. Murie, and **C.D. Stallings**. Beneath a moonless sky: nocturnal, new moon spawning in Atlantic Goliath Grouper, *Epinephelus itajara*. Fish at Night: An International Symposium. Miami, FL, USA.
- 2015 Tzadik, O.E., E.A. Goddard, D.J. Hollander, C.C. Koenig, and **C.D. Stallings**. Do no harm: using non-lethal techniques to track movement and dietary shifts using isotopic records in fin rays. American Fisheries Society (AFS) Annual Science Conference. Portland, OR, USA.  
[\* *Invited Symposium Talk*]
- 2015 Harper, A., J. Chanton, W. Landing, D. Grubbs, J. Nelson, and **C.D. Stallings**. Tracing methylmercury bioaccumulation in four Florida Big Bend seagrass meadow consumer organisms using light stable isotopes. Florida Sea Grant Coastal Science Symposium. Gainesville, FL, USA [poster].
- 2015 **Stallings, C.D.**, T.S. Switzer, B.L. Winner, C.H. Purtlebaugh, R.H. McMichael, and K.R. Wall. Combining fishery-independent and fishery-dependent methods: a pilot study on a hybrid approach to sampling reef fishes. Benthic Ecology Meeting. Quebec City, QC, Canada.
- 2015 Wall, K.R. and **C.D. Stallings**. Effects of herbivory and habitat type on the recruitment and succession of epibenthos in the eastern Gulf of Mexico. Benthic Ecology Meeting. Quebec City, QC, Canada [poster].
- 2015 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Can competition with invasive lionfish lead to dietary shifts of a native predator? Benthic Ecology Meeting. Quebec City, QC, Canada [poster].
- 2015 Wall, K.R. and **C.D. Stallings**. Patterns and processes of benthic communities on paired artificial and natural reefs in the eastern Gulf of Mexico. Florida Artificial Reef Summit. Clearwater, FL, USA [poster].
- 2015 Granneman, J.E., M.A. Steele, and **C.D. Stallings**. Evaluation of fish production and assemblage similarity between artificial and natural reefs. Florida Artificial Reef Summit. Clearwater, FL, USA.
- 2014 **Stallings, C.D.**, T.S. Switzer, B.L. Winner, C.H. Purtlebaugh, R.H. McMichael, and K.R. Wall. Combining fishery-independent and fishery-dependent methods:

- a pilot study on a hybrid approach to sampling reef fishes. Benthic Ecology Meeting. Jacksonville, FL, USA [poster].
- 2014 Tzadik, O.E., E.A. Goddard, D.J. Hollander, C.C. Koenig, and **C.D. Stallings**. A non-lethal approach identifies shifts in  $\delta^{15}\text{N}$  values in fin rays of Goliath Grouper, *Epinephelus itajara*. International Council for the Exploration of the Seas (ICES) Annual Science Conference. Coruña, Spain.  
[\* *Early Career Scientist Award for Best Poster*]
- 2014 Kingon, K., C.C. Koenig, **C.D. Stallings**, K.R. Wall, and C. Sandon. Do artificial reefs sustain communities similar to nearby natural reefs? A seasonal study in the NE Gulf of Mexico. Gulf and Caribbean Fisheries Institute Meeting. Christ Church, Barbados.
- 2014 Tzadik, O.E., E.A. Goddard, D.J. Hollander, C.C. Koenig, and **C.D. Stallings**. A non-lethal approach identifies ontogenetic shifts in  $\delta^{15}\text{N}$  signatures in fin rays of Goliath Grouper, *Epinephelus itajara*. Benthic Ecology Meeting. Jacksonville, FL, USA.
- 2014 Chacin, D.H. and **C.D. Stallings**. Disentangling local- and seascape- level effects of habitat on predator- prey interactions. ASLO Ocean Sciences Meeting. Honolulu, HI, USA.
- 2014 Switzer, T.S., **C.D. Stallings**, B.L. Winner, C.H. Purtlebaugh, K.R. Wall, R.H. McMichael. Working with industry to assess the selectivity of fishery-independent, hooked-gear surveys of reef fishes in the southeastern United States. American Fisheries Society, 144<sup>th</sup> Annual Symposium. Quebec City, Canada.
- 2014 Albins, M.A., K.R. Wall, J.S. Curtis, and **C.D. Stallings**. Fishing down an invasive species: determining the effort necessary to reduce local lionfish populations and mitigate their effects. Benthic Ecology Meeting. Jacksonville, FL, USA [poster].
- 2014 Curtis, J.S., M.A. Albins, and **C.D. Stallings**. Competition between an invasive marine fish and native generalist piscivore on a south Florida reef ledge. Benthic Ecology Meeting. Jacksonville, FL, USA [poster].
- 2014 Freytes-Ortiz, I.M. and **C.D. Stallings**. Mussel Heart Rate as a Short-Term Physiological Response to Acute Stressors. Benthic Ecology Meeting. Jacksonville, FL, USA [poster].
- 2014 Freytes-Ortiz, I.M. and **C.D. Stallings**. Mussel Heart Rate as a Short-Term Physiological Response to Acute Stressors. ASLO Ocean Sciences Meeting. Honolulu, HI, USA [poster].
- 2013 **Stallings, C.D.**, M.A. Albins, and K.R. Wall. Fishing down an invasive species: determining the effort necessary to reduce local lionfish populations and mitigate their effects. FWC Lionfish Summit. Cocoa Beach, FL, USA [poster].
- 2013 Tzadik, O.E., **C.D. Stallings**, and D.L. Jones. Where do they come from? Spatial distributions and ontogenetic movements of goliath grouper (*Epinephelus itajara*) in the state of Florida. International Council for the

- Exploration of the Seas (ICES) Annual Science Conference. Reykjavik, Iceland.
- 2013 Tzadik, O.E. and **C.D. Stallings**. Ontogenetic responses to spatial and temporal gradients: How gulf groupers are coping in a recovering system. Benthic Ecology Meeting. Savannah, GA, USA.
- 2013 Hall, B.J. and **C.D. Stallings**. Experimental test of preference between two common prey by Spotted Seatrout, *Cynoscion nebulosus*. Fisheries Independent Monitoring Program Annual Meeting, Fish and Wildlife Research Institute, St. Petersburg, FL, USA.
- 2013 Chacin, D.H. and **C.D. Stallings**. Water clarity as a seascape-level factor and its effects on demography and behavior of visual organisms. Benthic Ecology Meeting. Savannah, GA, USA [poster].
- 2013 Freytes-Ortiz, I.M. and **C.D. Stallings**. Understanding predator prey relationships in an acidified ocean. Benthic Ecology Meeting. Savannah, GA, USA [poster].
- 2013 Freytes-Ortiz, I.M. and **C.D. Stallings**. Understanding predator prey relationships in an acidified ocean. Puerto Rico Interdisciplinary Scientific Meeting. Caguas, Puerto Rico [poster].
- 2013 Pusack, T.J., M.R. Christie, D.W. Johnson, **C.D. Stallings**, and M.A. Hixon. Spatial and temporal variability in larval dispersal in a coral-reef fish metapopulation, Benthic Ecology Meeting. Savannah, GA, USA.  
[\* **Best Student Paper**]
- 2013 Kingon, K., C.C. Koenig, **C.D. Stallings**, K.R. Wall, R. Taylor, and T. Schenck. Communities at nearby artificial and natural reef, similar or not? Gulf and Caribbean Fisheries Institute Meeting. Corpus Christie, TX.
- 2012 Tzadik, O. E. and **C.D. Stallings**. Do fin rays and otoliths tell the same story? Comparing microchemistries of calcified structures. International Council for the Exploration of the Seas (ICES) Annual Science Conference. Bergen, Norway.
- 2012 Tzadik, O.E. and **C.D. Stallings**. Do fin rays and otoliths tell the same story? Comparing microchemistries of calcified structures. American Fisheries Society. Ocala, FL, USA [poster].
- 2011 **Stallings, C.D.** Mimicry of heterospecific feeding behaviors to facilitate synergistic predation. Mote International Fisheries Symposium. Sarasota, FL, USA [poster].
- 2011 **Stallings, C.D.**, A. Mickle, J.A. Nelson, M.G. McManus, and C.C. Koenig. Faunal communities in seagrass beds of Florida's Big Bend region. Benthic Ecology Meeting. Mobile, AL, USA.
- 2011 **Stallings, C.D.**, A. Mickle, J.A. Nelson, M.G. McManus, and C.C. Koenig. Faunal communities in seagrass beds of Florida's Big Bend region. American Fisheries Society Southern Meeting. Tampa, FL, USA [poster].

- 2010 **Stallings, C.D.**, C.C. Koenig, and F.C. Coleman. Bycatch of an economically-important grouper and its prey in a sub-tropical trawl fishery. Gulf and Caribbean Fisheries Institute. San Juan, Puerto Rico.
- 2010 **Stallings, C.D.**, C.C. Koenig, and F.C. Coleman. Bycatch of an economically-important grouper and its prey in a sub-tropical trawl fishery. Benthic Ecology Meeting. Wilmington, NC, USA.
- 2010 Pusack, T.J., M.R. Christie, D.W. Johnson, **C.D. Stallings**, and M.A. Hixon. Larval dispersal in a metapopulation of a coral-reef fish. Western Society of Naturalist. San Diego, CA, USA.
- 2009 **Stallings, C.D.**, C.C. Koenig, and F.C. Coleman. From seagrass to reefs: ecology of juvenile gag in the northeastern Gulf of Mexico. Northern Gulf Institute. Mobile, AL, USA [poster].
- 2009 Christie, M.R., **C.D. Stallings**, D.W. Johnson, M.A. Albins, J. Beets, B.N. Tissot, Y. Jia, S. Thompson, and M.A. Hixon. Patterns of population connectivity in a coral-reef fish. American Society of Ichthyologists and Herpetologists. Portland, OR, USA.
- 2008 **Stallings, C.D.**, C.C. Koenig, and F.C. Coleman. Bycatch of an economically-important grouper and its prey in a sub-tropical trawl fishery. Western Society of Naturalists. Vancouver, BC, Canada.
- 2008 **Stallings, C.D.** Piscivores of the Caribbean: the curse of too many people. International Coral Reef Symposium. Ft. Lauderdale, FL, USA [poster].
- 2008 Christie, M.R., **C.D. Stallings**, D.W. Johnson, M.A. Albins, J.P. Beets, B.N. Tissot, S.E. Thompson, and M.A. Hixon. Larval retention and population connectivity in two coral-reef fishes. 11th International Coral Reef Symposium. Ft. Lauderdale, FL, USA.
- 2008 Hixon, M.A., T.W. Anderson, K.L. Buch, D.W. Johnson, and **C.D. Stallings**. Recruitment and population dynamics of a coral-reef fish: a large-scale long-term field experiment. 11th International Coral Reef Symposium, Ft. Lauderdale, FL, USA.
- 2007 Hixon, M.A., **C.D. Stallings**, M.R. Christie, D.W. Johnson, and M.A. Albins. What determines the number of fish in the sea? National Science Board visit to Oregon State University. Corvallis, OR, USA [poster].
- 2006 Christie, M.R., D.W. Johnson, **C.D. Stallings**, and M.A. Hixon. Patterns of larval retention and connectivity in a coral-reef fish. Western Society of Naturalists. Redmond, WA, USA.
- 2006 **Stallings, C.D.** Exploited grouper indirectly enhance recruitment of coral-reef fishes. Western Society of Naturalists. Redmond, WA, USA.
- 2006 **Stallings, C.D.** Indirect effects of fishing on coral-reef communities. Society for Conservation Biology. San Jose, CA, USA.  
[\* *Best Student Paper, finalist*]
- 2005 **Stallings, C.D.** Fishing out diversity: non-targeted predators reduce recruitment of coral-reef fishes. Western Society of Naturalists. Monterey, CA, USA.  
[\* *Best Student Paper, honorable mention*]



- 2005 **Stallings, C.D.** Effect of grouper species on recruitment of coral reef fishes. Oregon State University Graduate Student Symposium. Newport, OR, USA.
- 2003 **Stallings, C.D.** Influence of habitat at several spatial scales on kelp forest fishes. Western Society of Naturalists. Long Beach, CA, USA.
- 2003 **Stallings, C.D.** Influence of habitat at several spatial scales on kelp forest fishes. Research Advances in Fisheries, Wildlife, and Ecology. Corvallis, OR, USA.

### **PRE-DOCTORAL PROFESSIONAL POSITIONS**

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- 2002 – 2007 **Research Assistant**  
Oregon State University, Corvallis, OR
- 2001 – 2002 **Research Biologist**  
California Department of Transportation, San Francisco, CA
- 2001 **Scientific Aid**  
California Dept. of Fish and Game, Ocean Salmon Project, Healdsburg, CA
- 1999 **Research Assistant**  
Friday Harbor Laboratories, Friday Harbor, WA
- 1998 – 1999 **Research Assistant**  
East Carolina University, Greenville, NC
- 1998 **Biological Technician (GS-4)**  
U.S. Forest Service, Gifford Pinchot National Forest, Carson, WA

### **TEACHING EXPERIENCE**

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- 2017 **Lead Instructor**, University of South Florida  
Course: R Coding Clinic
- 2013 – 2015 **Co-Lead Instructor** (with Dr. David Naar), University of South Florida  
Course: Advanced Undergraduate Oceanography II (offered each spring)
- 2012 – 2017 **Lead Instructor**, Marine Resource Assessment core course, USF  
Course: Fish Biology (offered fall of odd years)
- 2011 **Lead Instructor**, Graduate Reading Seminar, University of South Florida  
Course: Fishery Ecology Reading (offered as requested)
- 2010 **Co-Instructor**, Graduate Reading Seminar, Florida State University  
Course: EBM for Conservation and Sustainable Use of Biological Diversity
- 2005 – 2015 **Invited Guest Lectures**, Adv. Undergrad Ocean. I (1-USF), Biol. Ocean. (4-USF), Prof. Dev. II (1-USF), Gen. Ecol. (2-OSU), Ichthyology (2-FSU), Intro to Ocean. (1-USF), Invertebrate Biol. (1-FSU), Marine Biol./Ecol. (3-OSU), Pop. Dynamics (1-USF), Sci. Diving (2-FSU; 1-OSU), Methods Field Ecol. (1-FSU)
- 2004 – 2006 **Invited Advisor** (invited annually), Oregon State University  
Six-member panel (faculty / grad students) for undergraduate science majors
- 2003 – 2007 **Teaching Assistant**, Oregon State University  
Courses: Marine Ecology Lab (3 quarters), Intro Biology Lab (2 quarters)
- 1999 – 2002 **Teaching Assistant**, San Francisco State University  
Course: Human Biology Lab (6 semesters)

## ADVISING AND MENTORING EXPERIENCE

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### Postdoctoral Scholars

- 2012 – 2015 **Peter Simard, Ph.D.**  
*Current: Visiting Assistant Professor, Eckerd College*
- 2013 – 2015 **Mark Albins, Ph.D.**  
*Current: Research Faculty, Dauphin Island Sea Lab/ University of S. Alabama*
- 2014 – 2017 **Timothy Pusack, Ph.D.**  
*Current: Assistant Professor, Williams College*

### Ph.D. Students

- 2011 – 2016 **Orian Tzadik, Ph.D. 2016**  
*Current: Officer, Pew Charitable Trusts US Oceans – Caribbean Division*
- 2012 – 2018 **Ileana Freytes-Ortiz, Ph.D. 2018** (NSF Graduate Research Fellow, NSF Bridge-to-Doctorate Fellow, Sloan Fellow)
- 2014 – present **Dinorah Chacin** (NSF Graduate Research Fellow, McKnight Fellow)
- 2016 – present **Jonathan Peake** (Von Rosenstiel Fellow)
- 2017 – present **Michael Schram**

### M.S. Students

- 2011 – 2014 **Dinorah Chacin, M.S. 2014**  
*Current: Doctoral student, USF*
- 2012 – 2014 **Brittany Scharf-Hall, M.S. 2014**  
*Current: Extension Agent, Florida Sea Grant*
- 2015 **Andrea Jerabek, M.S. 2015** (Northeastern University Professional MS; Stallings served as director of internship and capstone thesis (unpaid position))  
*Current: Louisiana Water Resources Research Institute*
- 2013 – 2016 **Joseph Curtis, M.S. 2014**  
*Current: Research Assistant, UC Santa Barbara*
- 2013 – 2016 **Benjamin Kurth, M.S. 2014**  
*Current: Research Assistant, Florida Fish and Wildlife Research Institute*
- 2014 – 2017 **Kara Wall** (William Hogarth Fellow)
- 2014 – present **Oscar Ayala** (Fish Florida Scholar)
- 2016 – present **Meaghan Faletti** (NOAA Marine Resource Assessment Fellow)
- 2017 – present **Garrett Miller** (Von Rosenstiel Fellow)
- 2018 – present **Tiffany Boisvert**

### B.S. Honors Students

- 2013 **Katherine Rozar, B.S. Biology with Honors 2013, USF**  
*Current: Lab Analyst, Benchmark Enviro-Analytical, Inc.*

### Non-Chair Student Committee Service

- 2011 – 2012 **Mark Hartman, M.S. 2012, USF**

- 2012 – 2013 **Catherine Bruger**, M.S. 2013, USF  
 2012 – 2013 **Beverly Sauls**, M.S. 2013, USF  
 2012 – 2014 **Robert Ulrich**, Ph.D. 2014, USF  
 2013 – 2014 **Sarah Grasty**, M.S. 2014, USF  
 2013 – 2014 **Elizabeth Herdter**, M.S. 2014, USF  
 2014 – 2015 **Jacquelin Hipes**, M.S. 2015, USF  
 2012 – 2016 **Michelle Masi**, Ph.D. 2016, USF  
 2014 – 2017 **Claire Crowley**, Ph.D. 2017, USF  
 2014 – present **Christian Commander**, Ph.D. in progress, UNCW  
 2015 – present **Elizabeth Simpson**, M.S. in progress, USF  
 2015 – 2017 **Derrick Hudson**, M.S. 2017, USF  
 2015 – 2017 **Kyle Flannagan**, M.S. 2017, USFSP  
 2016 – present **Julie Vecchio**, Ph.D. in progress, USF  
 2016 **Tess Rivenbark**, B.S. Honors, USFSP  
 2018 **Lauren Naylor**, M.S. 2018, Columbia University  
 2018 – present **Greta Helmueller**, M.S. in progress, USF  
 2018 – present **Jeremy Browning**, Ph.D. in progress, USF

#### **Advising and Mentoring Prior to USF Appointment**

- 2008 – 2009 **Alejandra Mickle**, B.S. Biology with Certificate in Marine Biology 2009, FSU  
*Current: National Academy of Science/Gulf Research Program Fellow*  
 2008 – 2009 **Joshua Brower**, B.S. Biology with Certificate in Marine Biology 2009, FSU  
*Current: High School Science Teacher, San Diego, CA*  
 2009 – 2010 **Gregory Banbury**, B.S. Biology with Certificate in Marine Biology 2010, FSU  
 2009 – 2010 **Brittany Hall**, B.S. Biology with Certificate in Marine Biology 2010, FSU  
*Current: Extension Agent, Florida Sea Grant*  
 2009 – 2011 **Christopher Matechik**, B.S. Biology with Honors, Certificate in Marine Biology 2010, FSU  
*Current: Research Tech, Florid State University Coastal and Marine Lab*  
 2004 – 2011 Additional mentorship to professional masters student (1) and non-thesis undergraduate students (13) from FSU, OSU, CSMB, NU, and UPR

#### **COMMUNITY SERVICE AND OUTREACH**

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- 2015 Tampa Bay Reef Club, Sarasota, FL  
 2014 Old Southeast Neighborhood Association, Ecological Explorations, St. Petersburg, FL  
 2012 – 2015 Lab Booth, St. Petersburg Science Festival, St. Petersburg, FL  
 2009, 2011 Volunteer, FSUCML Open House, St. Teresa, FL  
 2008 – 2010 Science Fair Judge (annual), Riversprings Middle School, Crawfordville, FL  
 2008 Mentor, Science Partnership Project, *Science Collaboration: Immersion, Inquiry, Innovation*, collaboration with science teachers, Chipley, FL  
 2008 Volunteer, Saturday at the Sea, K-12 Science Outreach, St. Teresa, FL  
 2006 Salmon Bowl Judge, National Ocean Sciences Bowl, Corvallis, OR  
 2005 Volunteer, Food for Lane County – Grass Roots Garden, Eugene, OR

## **PROFESSIONAL SERVICE**

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### ***College of Marine Science***

- 2015 – present Member, Website Committee
- 2014 – present Chair, Student Recruitment Committee
- 2014 – present Biological Oceanography Faculty Representative,  
Endowed Fellowships Relevancy Review Committee
- 2014 – present Member, C.W. Bill Young Fellowship Selection Committee
- 2013 – present Chair, Aquarium Research Lab Committee
- 2013 Member, Eminent Scholar Series Committee
- 2011 – 2012 Member, Phytoplankton Ecologist Faculty Position Search Committee
- 2011 – 2012 Member, Research Faculty Planning Committee
- 2011 – present Member, Marine Resource Assessment Program Committee

### ***University of South Florida***

- 2015 – present Member, USF Diving Control Board
- 2012 – present Campus Coordinator, Florida Sea Grant
- 2011 – present Member, USF Ship Safety and Training Committee

### ***National and International***

- 2018 - present Associate Editor, Food Webs (Elsevier)
- 2017 Invited Data Analyst, NOAA SEDAR 48 (Black Grouper)
- 2015 Invited Panel Member, Lionfish Research, Regulation and Control, DEMA
- 2014 – present Expert Witness (uncompensated), FL Department of Environmental Protection
- 2013, 2016 Invited Panel Member, NOAA Cooperative Research Program
- 2014 – 2015 Invited Member, Science Advisory Committee for the GCFI Symposium on the  
Lionfish Invasion
- 2014 Invited Panel Member, FWCC Coral Reef Restoration Workshop
- 2014 Invited Panel Member, FL DEP Workshop on Apalachicola Bay
- 2014 Judge, Benthic Ecology Annual Meeting
- 2013 Invited Data Analyst, NOAA SEDAR 33 (Gag)
- 2013 Invited Panel Member, Mote Marine Laboratory Ocean Acidification Workshop
- 2012 – 2013 Invited Member, FIO/KML Postdoc Position Search Committee
- 2002 – present Peer referee for manuscripts submitted to:  
*American Naturalist, Aquatic Biology, Brazilian Journal of Oceanography,  
Bulletin of Marine Science, Conservation Letters, Coral Reefs, Ecological  
Applications, Ecological Monographs, Ecology, Ecology Letters,  
Environmental Biology of Fishes, Environmental Management, Fisheries*

*Research, ICES Journal of Marine Science, Landscape Ecology, Limnology and Oceanography, Marine and Freshwater Research, Marine Biology, Marine Ecology, Marine Ecology Progress Series, Oecologia, Oikos, PeerJ, PLoS One, Rapid Communications In Mass Spectroscopy, Transactions of the American Fisheries Society*

Peer referee for proceedings abstracts and manuscripts submitted to:  
*Mote International Symposium in Fishery Ecology, Society for Conservation Biology*

Peer referee for book proposal and contributed chapters for:  
3<sup>rd</sup> Edition of “Ecology of Coral Reef Fishes” (Cambridge University Press)

Grant proposal reviewer for:

National Science Foundation (*Bio Oce*), National Oceanic and Atmospheric Administration (*MARFIN, CRP*), Sea Grant (*CA, PR*)

**Professional Service Prior to USF Appointment**

- 2009 – 2011 Science Diving Control Board, Florida State University (FSU)
- 2010 Judge, Benthic Ecology Annual Meeting
- 2009 – 2010 Organizer, Coastal and Marine Conservation Lecture Series, FSU
- 2008 – 2009 Contracted Reviewer, Monterey Bay Aquarium Seafood Watch, Monterey, CA
- 2008 Session Chair and Judge, Western Society of Naturalists Annual Meeting
- 2007 – 2008 Organization Committee, Mote International Symposium in Fishery Ecology
- 2006 – 2007 Mentor, Life Sciences Club, Oregon State University (OSU)
- 2006 Special Session Organizer/Chair, Western Soc. of Naturalists Annual Meeting
- 2006 Student Mentor Program, Society for Conservation Biology
- 2005 – 2006 Zoology Research Fund Committee, OSU
- 2004 – 2005 President, Zoology Graduate Student Body (elected position), OSU
- 2004 – 2005 Undergraduate Curriculum Committee, OSU
- 2003 – 2005 Graduate Student Committee (elected position), Western Society of Naturalists
- 2003 – 2004 Chair, Zoology Graduate Student Invited Speaker Committee, OSU;  
*\*Hosted Dr. Paul Ehrlich, Stanford University*
- 2003 – 2004 Graduate Student Curriculum Committee, OSU
- 2003 Evaluation Committee for Faculty Tenure, OSU
- 2002 – 2003 Graduate Student Welcoming Committee, OSU
- 2000 – 2002 Science Diving Control Board, San Francisco State University
- 2001 Student Organizer, Second Symposium on Marine Conservation Biology
- 1998 – 1999 Founding Member, ECU chapter of the American Fisheries Society
- 1996 – 1999 Aquatic Sciences Club, President (1998-1999; elected position), Treasurer (1997-1998; elected position), East Carolina University