

## 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  
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 EXPERIENCE

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- 2011 - present      **Assistant Professor**  
University of South Florida, 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
- 2002 – 2007      **Research Assistant and Teaching Assistant**  
Oregon State University, Corvallis, OR
- 2001 – 2002      **Research Biologist**  
California Department of Transportation, San Francisco, CA
- 2001      **Scientific Aide**  
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

**RESEARCH GRANTS***PI* = Principle Investigator; *CI* = Co-Investigator

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, T. Switzer, FWRI; commercial industry participants are included)	\$272,900
2012 – 2014 <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	\$149,999
2012 – 2014 <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>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 = \$15,055 over one year</i>	\$79,311
2011 – 2014 <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 = \$92,464 over three years</i>	\$481,664
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

**REPORTS**

2011	<b>Stallings, C.D.</b> and C.C. Koenig. Faunal communities of the Big Bend seagrass meadows. FWC State Wildlife Grants Initiative Final Report (Grant # 08007).
2011	Chassignet, E., M. Bourassa, T. Miller, <b>C. Stallings</b> , et al. 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. NOAA Northern Gulf Institute Final Report (10-BP_GRI_FSU-01).
2010	<b>Stallings, C.D.</b> , C.C. Koenig, and F.C. Coleman. Indirect effects of the bait-shrimp fishery on juvenile gag grouper. NOAA SK Final Report (Grant # NA08NMF4270414).

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

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- Accepted Nelson, J. <sup>G</sup>, **C.D. Stallings**, W. Landing, and J. Chanton. Biomass transfer subsidizes nitrogen to offshore food webs. *Ecosystems*.
- 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>G,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. <sup>G</sup>, D.W. Johnson <sup>G</sup>, **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(5): 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. <sup>G</sup>, J.F. Samhuri <sup>G</sup>, 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.

## INVITED SEMINARS

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2012	Marine Science Seminar, Eckerd College
2012	Department of Integrative Biology, University of South Florida
2012	Department of Biology Seminar, University of Tampa
2010	College of Marine Science seminar, University of South Florida
2010	Biology Department seminar, Western Washington University
2010	NOAA Science Discussion Seminar Series, Northwest Fisheries Science Center
2009	Colloquium Series, Dauphin Island Sea Lab
2009	Biology Department seminar, University of Florida
2008	Conservation Lecture Series, FSU Coastal and Marine Laboratory
2007	Zoology Department seminar, Oregon State University
2007	PISCO lunch seminar, Oregon State University
2007	Biology Department seminar, Florida State University
2007	National Science Board poster session, Oregon State University
2006	Department of Biology, Lewis and Clark College
2005	Teacher Workshop, Lee Stocking Island, Bahamas

## CONTRIBUTED PRESENTATIONS (co-authorships available upon request)

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2011	Mote International Fisheries Symposium, Sarasota, Florida (poster)
2011	Benthic Ecology Meeting, Mobile, Alabama
2011	American Fisheries Society Southern Meeting, Tampa, Florida (poster)
2010	Gulf and Caribbean Fisheries Institute, San Juan, Puerto Rico
2010	Benthic Ecology Meeting, Wilmington, North Carolina
2009	Northern Gulf Institute, Mobile, Alabama (poster session)
2008	Western Society of Naturalists, Vancouver, British Columbia
2008	International Coral Reef Symposium, Ft. Lauderdale, Florida (poster)
2006	Western Society of Naturalists, Redmond, Washington
2006	Society for Conservation Biology, San Jose, California * <b><i>Best Student Paper, finalist</i></b>
2005	Western Society of Naturalists, Monterey, California * <b><i>Best Student Paper, honorable mention</i></b>
2005	Oregon State University Graduate Student Symposium, Newport, Oregon
2003	Western Society of Naturalists, Long Beach, California
2003	Research Advances in Fisheries, Wildlife, and Ecology, Corvallis, Oregon

## **ADVISING AND MENTORING EXPERIENCE**

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### 2011 – present **Major Advisor**

- **Ileana Freytes** (USF, PhD in progress); NSF Bridge to Doctorate
- **Orian Tzadik** (USF, PhD in progress); NMFS MRA Fellow
- **Dinorah Chacin** (USF, MS in progress); NSF GR Fellow; Betzer Fellow
- **Brittany Hall** (USF, MS in progress); Fish Florida Scholar

### **Postdocs Mentored**

- **Peter Simard, Ph.D.**
- **Mark Albins, Ph.D.**

**Committee Service:** **Catherine Bruger** (USF, MS in progress); **Sarah Grasty** (USF, MS in progress); **Mark Hartman** (USF, MS 2012); **Elizabeth Herdter** (USF, MS in progress ); **Michelle Masi** (USF, PhD in progress); **Beverly Sauls** (USF, MS in progress); **Robert Ulrich** (USF, PhD in progress)

### 2004 – 2011 **Undergraduate Students (thesis-based)**

- **Christopher Matechik** (FSU 2011); Honors in the Biology Major Thesis, Certificate in Marine Biology Thesis (published in *JEMBE*)
- **Gregory Banbury** (FSU 2010); Certificate in Marine Biology Thesis
- **Brittany Hall** (FSU 2010); Certificate in Marine Biology Thesis
- **Joshua Brower** (FSU 2009); Certificate in Marine Biology Thesis
- **Alejandra Mickle** (FSU 2009); Certificate in Marine Biology Thesis
- Additional mentorship to professional masters student (1) and non-thesis undergraduate students (13) from FSU, OSU, CSMB, NU, and UPR

## **TEACHING EXPERIENCE**

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|-------------|---|
| 2013        | <b>Co-Instructor</b> , University of South Florida<br>Course: Advanced Undergraduate Oceanography II  |
| 2012        | <b>Lead Instructor</b> , Marine Resource Assessment core course, USF<br>Course: Fish Biology  |
| 2011        | <b>Lead Instructor</b> , Graduate Reading Seminar, University of South Florida<br>Course: Fishery Ecology Reading Group   |
| 2010        | <b>Co-Instructor</b> , Graduate Reading Seminar, Florida State University<br>Course: EBM for Conservation and Sustainable Use of Biological Diversity   |
| 2005 – 2011 | <b>Invited Guest Lectures</b> , Adv. Undergrad Ocean. I (1-USF), Biol. Ocean. (2-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 | <b>Invited Advisor</b> (invited annually), Oregon State University<br>Six-member panel (faculty / grad students) for undergraduate science majors   |
| 2003 – 2007 | <b>Teaching Assistant</b> , Oregon State University<br>Courses: Marine Ecology Lab (3 quarters), Intro Biology Lab (2 quarters)   |
| 1999 – 2002 | <b>Teaching Assistant</b> , San Francisco State University<br>Course: Human Biology Lab (6 semesters)   |

## **AWARDS, FELLOWSHIPS AND SCHOLARSHIPS**

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)

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

2009	<b>Stallings, C.D.</b> Animals of Big Bend Seagrass Meadows. <i>Tidings</i> 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 " <i>ScienceNOW</i> Daily News" (December 7, 2006); feature also highlighted in "OSU Today" (December 8, 2006)
1998	Interviewed in three-part series on coastal research (WITN-TV, Greenville, NC)

## **COMMUNITY SERVICE AND OUTREACH**

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, <i>Science Collaboration: Immersion, Inquiry, Innovation</i> , 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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- 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*, *Ecology*, *Ecology Letters*, *Environmental Biology of Fishes*, *Environ Management*, *Fisheries Research*, *Landscape Ecology*, *Limnology and Oceanography*, *Marine and Freshwater Research*, *Marine Biology*, *Marine Ecology Progress Series*, *Oecologia*, *Oikos*, *PLoS One*, *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*
- Grant reviewer for *National Science Foundation (NSF)*, *Sea Grant*
- 2013 Invited Panel Member, NOAA Cooperative Research Program
- 2013 Invited Data Analyst, NOAA SEDAR 33
- 2012 – present Sea Grant campus coordinator at USF
- 2011 – 2012 Search Committee Member, Phytoplankton Ecologist and Physiologist
- 2011 – 2012 Committee Member, Research Faculty Planning
- 2011 – 2012 Committee Member, Ship Safety and Training
- 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 Scientific Diving Safety 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