

## 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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- 2009 – present    **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
- 1998              **Field Biologist** (Student Conservation Association volunteer)  
U.S. Forest Service, Gifford Pinchot National Forest, Carson, WA

**RESEARCH GRANTS** (Stallings as lead PI unless noted \*)

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<i>Pending</i>	<b>Florida Fish and Wildlife Conservation Commission.</b> Functional role of artificial reefs in supporting offshore migration of reef fishes (Co-PI: C. Koenig)	\$94,835
<i>Pending</i>	<b>NOAA Northern Gulf Institute.</b> Temporal dynamics of gag populations on nearshore reefs. (Co-PI's: F. Coleman, C. Koenig)	\$154,151
2009 – 2010	<b>NOAA Northern Gulf Institute.</b> Nearshore reefs as secondary nursery habitat for gag. (Co-PI: F. Coleman)	\$36,350
2008 – 2010	<b>NOAA Saltonstall-Kennedy.</b> Indirect effects of the bait-shrimp fishery on juvenile gag grouper. (Co-PI's: F. Coleman, C. Koenig)	\$76,847
2008 – 2010	<b>Florida Fish and Wildlife Conservation Commission.</b> Faunal communities of the Big Bend seagrass meadows. (Co-PI: C. Koenig)	\$55,802
2008 – 2009	<b>NOAA Northern Gulf Institute.</b> How does the proximity to salt marsh habitat affect prey communities of late-state juvenile gag in seagrass meadows? (Co-PI: Felicia Coleman)	\$14,600
2008	<b>Florida State University Research Foundation</b> – Equipment and Infrastructure Enhancement Grant (PI: R. Grubbs*)	\$20,500
2001	<b>Myers Oceanographic and Marine Biology Trust</b>	\$1,000
2000	<b>Sigma Xi Grant-in-Aid of Research</b>	\$800

**AWARDS, FELLOWSHIPS AND SCHOLARSHIPS**


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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
2003	Thompson Coral Reef Graduate Fellowship (\$6,950)
2002	Thompson Coral Reef Graduate Fellowship (\$6,950)
1995	Josie Ruth Wheeler Carr Scholarship (\$2,000)
1994	Josie Ruth Wheeler Carr Scholarship (\$2,000)
1994	John A. Holmes Scholar
1994	North Carolina Scholar (\$100)

**PROFESSIONAL SOCIETY MEMBERSHIPS**


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Ecological Society of America  
Society for Conservation Biology  
Western Society of Naturalists

## **PUBLICATIONS AND SUBMITTED**

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- In press      **Stallings, C.D.**, F.C. Coleman, C.C. Koenig, and D.A. Markiewicz. Energy allocation in juveniles of a warm-temperate reef fish. *Environmental Biology of Fishes*.
- 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.J. 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.  
 - Featured article in perspective: Hedgecock, D. 2010. Determining parentage and relatedness from genetic markers sheds light on patterns of marine larval dispersal. *Molecular Ecology* 19: 845-847.
- 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**  
 - Interview with Boyd Matson on National Geographic Radio; aired 8/15/2009  
 - Interview with Susan Soltero on WALO Radio (Puerto Rico); aired 5/11/ 2009  
 - Interview with Bianca Montague on WFSU TV; aired TBA  
 - Featured in “Top Science Headlines” on *Science Daily* (“Sobering Decline of Caribbean’s Big Fish, Fisheries; Overfishing Deemed Most Likely Cause” 5/6/2009)  
 - Featured in article on NationalGeographic.com (“Some Sharks, Barracuda Completely Gone in Caribbean; by Christine Dell’Amore” 5/8/2009)  
 - Featured in 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 aposomatic, chemically defended amphipods off Bell Island, WA. *American Zoologist* 39: Special Issue 119A.

## **MANUSCRIPTS IN PREPARATION**

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- In prep.        **Stallings, C.D.**, C.C. Koenig, and F.C. Coleman. Bycatch of an economically-important grouper and its prey in a subtropical trawl fishery. Target journal: *Ecological Applications*.
- In prep.        **Stallings, C.D.**, N.K. Jue, J.A. Nelson, and C.C. Koenig. Spatial variation in ontogenetic diet shifts of a predatory fish: combined gut content and stable isotope analyses. Target journal: *Marine Ecology Progress Series*.

## **INVITED SEMINARS**

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- 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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- 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 session)  
 2006 Western Society of Naturalists, Redmond, Washington  
 2006 Society for Conservation Biology, San Jose, California  
 \* ***Best Student Paper, finalist***  
 2005 Western Society of Naturalists, Monterey, California  
 \* ***Best Student Paper, honorable mention***  
 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

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

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- 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)  
 1998 Interviewed in three-part series on coastal research (WITN-TV, Greenville, NC)

**TEACHING AND ADVISING EXPERIENCE** (student evaluations available upon request)

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- 2004 – present **Mentor and Advisor** to masters student (1), undergraduate in honors program (1), undergraduates in marine biology certificate program (5), undergraduates conducting independent studies (4), and undergraduate volunteers (9), from FSU, OSU, California State – Monterey Bay, and Northeastern University
- Student theses advised/mentored**
- Christopher Matechik (FSU undergrad 2009-2010); Honors Thesis (in progress): *How does habitat mediate tradeoffs between growth and survival of a forage fish?*  
\* recipient of FSU Undergraduate Research and Creative Activity Award
  - Gregory Banbury (FSU undergrad 2009); Thesis: *Species-habitat relationships of recreationally important fishes.*
  - Brittany Hall (FSU undergrad 2009); Thesis: *Diet of juvenile black seabass, Centropristis striata, in the northeastern Gulf of Mexico.*
  - Joshua Brower (FSU undergrad 2008-2009); Thesis: *Spatio-temporal structure of seagrass communities in the northeastern Gulf of Mexico.*
  - Alejandra Mickle (FSU undergrad 2008-2009); Thesis: *Correlations of predator-prey abundances in seagrass meadows of the northeastern Gulf of Mexico.*
- 2005 – 2009 **Invited Guest Lectures**, General Ecology (2-OSU), Ichthyology (2-FSU), Invertebrate Biology (1-FSU), Marine Biology/Ecology (3-OSU), Scientific Diving (2-FSU; 1-OSU), Methods in Field Ecology (1-FSU)
- 2004 – 2006 **Invited Advisor**, Oregon State University, Corvallis, OR  
Six-member advisory panel (faculty and graduate students) for undergraduate science majors, (invited annually)
- 2003 – 2007 **Teaching Assistant**, Oregon State University, Corvallis, OR  
Courses: Marine Ecology Lab (3 quarters), Introductory Biology Lab (2 quarters)
- 1999 – 2002 **Teaching Assistant**, San Francisco State University, San Francisco, CA  
Course: Human Biology Lab (6 semesters)
- 1999 – 2002 **Grader**, San Francisco State University, San Francisco, CA  
Courses: Human Biology (2 semesters), Microbiology (1 semester), Introductory Biology Labs I & II (2 semesters), Disease (1 semester)

**COMMUNITY SERVICE AND OUTREACH**

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- 2009, 2010 Science Fair Judge, 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
- 2007 Science Fair Judge, Riversprings Middle School, Crawfordville, 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*, *Coral Reefs*, *Ecological Applications*, *Ecology Letters*, *Environmental Biology of Fishes*, *Environmental Management*, *Landscape Ecology*, *Limnology and Oceanography*, *Marine and Freshwater Research*, *Marine Ecology Progress Series*, *Oecologia*, *Oikos*, *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*
- 2009 – present 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
- 1998 – 1999 President, Aquatic Sciences Club (elected position), East Carolina University (ECU)
- 1997 – 1998 Treasurer, Aquatic Sciences Club (elected position), ECU
- 1996 – 1999 Aquatic Sciences Club, ECU