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CURRENT POSITION

Associate Marine Scientist, South Carolina Department of Natural Resources, Marine Resources Division

EDUCATION

- Ph.D. (Biology), University of Oregon, Eugene, Oregon 2008
 Reproductive and Larval Ecology of the Northeastern Pacific Polychaete *Owenia collaris* (Family Oweniidae) in Coos Bay, OR. Pp. 154.
 Supervisors: Richard Emlet and Craig Young
- M.S. (Biology), University of Oregon, Eugene, Oregon 2003
 Thesis: The effects of body size and particle size on feeding rates and morphology of the larvae of three congeneric barnacles (Class Cirripedia: Genus *Balanus*). 84 pp.
 Supervisor: Richard Emlet
- B.S. (Ecology and Evolutionary Biology, Chemistry Minor) 2001
Magna cum Laude, University of Arizona, Arizona

PRIOR RESEARCH POSITIONS

- Postdoctoral Research Associate 2009-2011
 School of Aquatic and Fishery Sciences, University of Washington and Alaska Fisheries Science Center, NOAA, Seattle, WA
- Graduate Research Fellow, OIMB, (Marine Ecology and Deep Sea Biology) 2003-2008
- Graduate Research Fellow, South Slough National Estuarine Research Reserve 2002
- Undergraduate Biology Research Program, University of Arizona 2000-2001
- Conservation Biology Fellow, University of Arizona 1999

TEACHING EXPERIENCE

- Graduate Teaching Fellowship, Comparative Embryology, OIMB 2008
- NSF GK-12 Fellow, Wetlands Science 2004-2006
- Graduate Teaching Fellowship 2001, 2002, 2003, 2004, 2007
 Invertebrate Zoology, OIMB
- Graduate Teaching Fellowship, Marine Biology, University of Oregon 2004
- Undergraduate Teaching Assistant, Plant Genetics, University of Arizona 2001

PUBLICATIONS

- Smart, T.I.**, E.C. Siddon, and J.T. Duffy-Anderson (2013). Vertical distributions of the early life stages of walleye pollock (*Theragra chalcogramma*) in the southeastern Bering Sea. *Deep Sea Res II* 94: 201-210.

- Smart, T.I.**, C.M. Young, and R.B. Emlet. (in review). Estuarine gradients and the distribution of a temperate polychaete *Owenia collaris* (Family Oweniidae) in Coos Bay, OR. Est. Coastal Shelf Sci.
- Young, C.M., R. He, R.B. Emlet, Y. Li, H. Qian, S.M. Arellano, A.L. Van Gaest, K. Bennett, **T.I. Smart**, M. Wolf, M.E. Rice (2012). Dispersal of deep-sea larvae from the Intra-American Seas: Simulations of Trajectories using Ocean Models. Integrative and Comparative Biology 52(4): 483-496.
- Smart, T.I.**, J.T. Duffy-Anderson, and J. Horne (2012). Alternating temperature states influence walleye pollock (*Theragra chalcogramma*) early life stages in the southeastern Bering Sea. Mar. Ecol. Prog. Ser. 455: 257-267.
- Smart, T.I.**, J.T. Duffy-Anderson, J. Horne, C. Wilson, E. Farley, and J. Napp (2012). Influence of environmental conditions on walleye pollock eggs, larvae, and juveniles in the southeastern Bering Sea. Deep Sea Res. II. 65-70: 1996-207.
- Smart, T.I.**, R.B. Emlet, and C.M. Young (2012). Environmental cues and seasonal reproduction in a temperate estuary: a case study of *Owenia collaris* (Annelida: Polychaeta, Oweniidae). Mar. Ecol. 33(3): 290-301.
- Smart, T.I.** and G. von Dassow. 2009. The unusual development of the mitraria larva in the polychaete *Owenia collaris*. Biol. Bull. 217(3): 253-268.
- Greg W. Rouse, Nerida G. Wilson, Shana K. Goffredi, Shannon B. Johnson, **Tracey Smart**, Chad Widmer, Craig M. Young and Robert C. Vrijenhoek. 2008. Spawning and development in *Osedax* boneworms (Siboglinidae, Annelida). Marine Biology 156(3): 395-405.

RECENT PRESENTATIONS

- Utility of Fishery-Independent Life History Data in Recent SE US Atlantic Stock Assessments. American Fisheries Society. August, 2013.
- Dynamics of the Early Life Stages of Walleye Pollock Over the eastern Bering Sea Shelf. Larval Fish Conference. June, 2013.
- Climate Impacts on Monitoring Early Life Stages as Recruitment Predictors in the Walleye Pollock Fishery. SCAFS/SCFWA. February, 2012.
- Utility of Early Life History to Management of the Bering Sea Walleye Pollock Fishery. Fort Johnson Seminar Series, College of Charleston. January, 2012.
- Alternate Climate Scenarios and Walleye Pollock Early Life Stages in the Southeastern Bering Sea. Larval Biology Meeting, August, 2010 and Alaska Marine Science Symposium. January, 2011.
- Temperature Conditions and Walleye Pollock Early Life Stages in the Southeastern Bering Sea. Oregon Institute of Marine Biology Seminar Series, Univ. of Oregon. November, 2010.
- Ichthyoplankton Community and Species' Responses to Environmental Variability: Warm vs. Cold Years in the Eastern Bering Sea (poster). Ocean Sciences Meeting. February, 2010.
- The Use of Generalized Additive Models to Investigate Alternating Environmental States and the Early Life Stages of Walleye Pollock in the Eastern Bering Sea. Quantitative Seminar Series, School of Aquatic and Fishery Sciences, Univ. of Washington. January, 2010.
- Alternating Environmental States and the Early Life Stages of Walleye Pollock in the Eastern Bering Sea. EcoFOCI Seminar Series, NOAA. December, 2010.