

Christopher Michael Martinez
School of Marine and Atmospheric Sciences
Stony Brook, NY 11794-5000

Education

- 2007-Present State University of New York, Stony Brook, NY
Ph.D. Marine Science
- 2002-06 University of California, Santa Barbara, CA
B.S. Aquatic Biology with Distinction

Academic Interests

Fish Ecology and life history, with an implications for conservation. Particularly, the spatial dynamics of winter flounder *Psuedopleuronectes americanus* near Long Island, New York.

Research and Professional Experience

- Present Field Researcher, School of Marine and Atmospheric Sciences, SUNY Stony Brook
Dr. Michael Frisk
Conduct field research, including the collection and identification of marine fish species while employing several fishing methods.
- 2006-07 Laboratory Assistant, Moorea Coral Reef LTER, UC Santa Barbara
Drs. Russell Schmitt, Sally Holbrook and Andrew Brooks
Assisted in research diving, including identification and collection of benthic organisms. Trained undergraduate students in basic laboratory skills and identification of California coastal invertebrates.
- 2006 Laboratory and Field Research Assistant, Department of Ecology Evolution and Marine Biology, University of California, Santa Barbara
Drs. Russell Schmitt, Sally Holbrook, Andrew Brooks and Gerick Bergsma, Ph.D. Candidate
Helped process samples and carried out various other laboratory techniques for principle investigators in Moorea, French Polynesia. Co-designed and deployed field experiments for a Ph.D. candidate studying a mutualistic relationship between Montiporan corals and Gammarid amphipods.
- 2005-06 Independent Research, Department of Ecology Evolution and Marine Biology, University of California, Santa Barbara
Dr. Russell Schmitt
Designed and conducted field and laboratory experiments and completed a senior honors thesis: "Two-part Study of a Mutualism between a New Species Gammarid Amphipod and Montiporan Corals"
- 2005 Laboratory and Field Research Assistant, Department of Ecology Evolution and Marine Biology, University of California, Santa Barbara
Gerick Bergsma, Ph.D. Candidate, and Cori Cane M.S.

Assisted in the preparation and deployment of field experiments in Moorea, French Polynesia. Conducted surveys of common reef fish species associated with Montiporan corals.

2005-06 Undergraduate Laboratory Assistant, Moorea Coral Reef Lab, University of California, Santa Barbara

Drs. Russell Schmitt and Sally Holbrook

Identified and sorted invertebrates to assess food availability of live-bearing, California coastal fish.

2004 Laboratory Assistant. Department of Ecology Evolution and Marine Biology. University of California, Santa Barbara

Dr. Edward Lowry

Worked as a laboratory assistant in a lab studying population genetics of two plant species; *Clarkia unguiculata* and *Clarkia exilis*.

Awards and Honors

2007-12 Turner Fellowship

2006 Distinction in Major, Aquatic Biology

2005 Worster Summer Internship/Research Award

Licensure/Certification

Current AAUS Scientific Diver

Teaching Experience

“Fundamentals of Scientific Inquiry in the Biological Sciences I” (Undergraduate Biology Lab). State University of New York, Stony Brook

Public Outreach

“Tropical Reef Ecology” 3 April, 2007. Presented to 12th grade Marine Ecology Course at Smithtown West High School