

## Miriam C. Goldstein

Scripps Institution of Oceanography  
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### EDUCATION

Ph.D. Student, Biological Oceanography, Scripps Institution of Oceanography, UCSD, La Jolla, CA  
July 2006-present

*Research Interests:* Urban ecosystems, pollution, invertebrate zoology, ascidians, environmental policy

Bachelor of Science with Honors, Biology, Brown University, Providence, RI  
September 1999-May 2003

*Honors Thesis:* "Effects of habitat architecture on the primary settlement of the blue mussel *Mytilus edulis*."

### RESEARCH EXPERIENCE

Ph.D. Student, Scripps Institution of Oceanography, UCSD, La Jolla CA

- Field work: kelp forest monitoring, abalone population assessment
- Lab work: mussel population connectivity study, Venice lagoon pollution assessment

Research Analyst, Industrial Economics, Incorporated, Cambridge, Massachusetts  
July 2003-April 2004

- Helped develop natural resource damage assessments for a variety of governmental and private clients

Research Assistant, Charles Darwin Research Station, Galapagos Islands, Ecuador  
January 2003

- Assisted Dr. Jon Witman in a study of the effect of upwelling on rock wall communities

Independent Research, Shoals Marine Laboratory, Appledore Island, ME  
May 2002-September 2002

- Conducted research into the effect of habitat architecture on subtidal blue mussel recruitment

Research Assistant, Department of Ecology & Evolutionary Biology, Brown University  
October 1999-December 2002

- Assisted with data collection and analysis in marine and microbial ecology laboratories

Independent Research, Marine Science Center, Nahant MA, NSF Research Experience for Undergraduates (REU) Program, Summer 2001

- Explored the effect of differential wave action on the efficiency of the intertidal predatory snail *Nucella lapillus*

### TEACHING AND ORGANIZATIONAL EXPERIENCE

Co-Instructor, "A Hands-On Introduction to the Marine Invertebrates," Academic Connections, UCSD  
July 2008

- Will teach invertebrate zoology to 22 high school students

Tidepool Interpreter, Birch Aquarium, La Jolla CA  
January 2007-present

- Taught tidepool natural history to aquarium visitors in informal setting

Species ID Club Co-Leader, Scripps Institution of Oceanography, La Jolla CA  
October 2006-present

- Organized monthly meetings, recruited speakers, funded via small grant

Construction Project Manager, Surtsey Corporation, New York, NY  
May 2005-April 2006

- Managed construction of 11-story luxury apartment building on Upper West Side

Naturalist, Appalachian Mountain Club, Lakes of the Clouds and Mizpah Huts, Gorham, NH  
May-October 2004

- Created and taught science and history programs to a wide variety of audiences
- Implemented volunteer-based environmental monitoring program

Teaching Assistant, The Foundations of Living Systems, Department of Biology, Brown University  
January 2003-May 2003

- Lead laboratory section, explained material to both science and non-science majors, corrected homework and exams

Tour Guide, Admissions Office, Brown University  
September 2001-May 2003

- Conducted walking tours of the Brown University campus for prospective students and their parents

Course Designer, Underwater Research GISP, Brown University  
Spring 2002

- Co-designer of group independent study project (GISP), taken by 8 students for Brown course credit
- Researched subject matter, created syllabus, assigned and presented readings, and coordinated SCUBA dives

## **PRESENTATIONS**

"Effects of shifts in algal habitat architecture on the primary settlement of the blue mussel *Mytilus edulis*." Presented at the Western Society of Naturalists Meeting, Monterey CA, November 20, 2005.

"Effects of algal structure on the primary settlement of the blue mussel *Mytilus edulis*." Presented at the Benthic Ecology Meeting, Groton CT, March 2003.

## **AWARDS AND FELLOWSHIPS**

- Sussman Internship
- Integrative Graduate Education and Research Training Fellow in Marine Biodiversity
- Senior Prize in Biology
- Royce Fellowship for Independent Research
- Lydia Carpenter Premium
- St. Anthony Educational Foundation Award
- Sigma Xi Scientific Honors Society