

# Kristen A. Goodrich

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## EDUCATION

University of Miami, Coral Gables, FL

Master of Arts in Marine Affairs & Policy, January 2007

Bachelor of Arts in Marine Affairs & Policy, May 2006

Majors in: Marine Affairs & Policy and Psychology

Minors in: Economics and English

University of Miami Study Abroad Program, Summer 2003, Galapagos Islands

- Contributed to the construction of a Participatory and Sustainable Fisheries Management Policy with Dr. Sarah Meltzoff to be funded by the National Science Foundation

## EXPERIENCE

*United States Congressman Steve Israel, Washington D.C.*, May 2004 to September 2004

Intern

- Communicated with Representative Steve Israel, co-chair of the Long Island Sound Caucus, to gain knowledge of the Caucus' legislative proposals to preserve natural resources  
Assisted in development and execution of Rep. Israel's environmental platform, the termination of dumping and dredging in the Long Island Sound
- Facilitated resolutions over fisheries management regulations between state and federal bodies to ensure that the New York State fishing industry is in compliance
- Corresponded with constituents about their environmental and fishing concerns
- Collaborated with leading scientists and researchers in the field at conferences including Capitol Hill Oceans Week hosted by the U.S. Commission on Ocean Policy
- Organized the Long Island Sound Summit, a symposium that focuses on management of marine resources and the creation of an ocean literate society  
Contributed to the development of a Congressional campaign for re-election

*Cooperative Extension: Atlantis Aquarium, Riverhead, New York*, April to August 2003

Naturalist

Conducted a floating classroom on an educational boat cruise on the Peconic Bay speaking about the importance of environmental preservation to students and the general public

*Blue Ocean Institute: Sea-to-Table Program, Cold Spring Harbor, New York*, April to August 2003

- Created the Seafood Mini-Guide, an information packet distributed to the public that provides a list of fish and shellfish that are fished in a method least damaging to their habitat

- Researched status, trends, biology, and management of fisheries

*Rubenstein Public Relations Inc., New York, New York, January 2003*

Intern, New Year's Eve Ball Drop

Organized media and working press credential distribution, media requests, set-up, and breakdown of press stands in Times Square

*JASON Project Alumni Association, February 1999 to Present*

Student Argonaut, Expedition XI Going to Extremes

- Traveled to the NASA Johnson Space Center, Houston, Texas to co-host with Dr. Robert D. Ballard in a ten-day live daily broadcast to classrooms across the world
- Hosted curriculum video "Disappearing Wetlands" in New Orleans, Louisiana
- Represent JASON XI Expedition alumni

## **RESEARCH EXPERIENCE**

*National Science Foundation/National Institute of Environmental Health Sciences Center for Oceans and Human Health, September 2004 to Present*

Research Assistant, Rosenstiel School for Marine and Atmospheric Science, Univ. of Miami

- Examine effects of harmful algal blooms, marine pathogens, and the oceans' potential for drug discovery collaboratively with Dr. Lora Fleming, Dr. Gene Rankey, and Dr. Helena Solo-Gabriel
- Investigate possible exposure and human health effects of aerosolized red tide toxins associated with red tide blooms
- Coordinate the outreach and education program AMBIENT

*SUNY Stony Brook Marine Sciences Research Center, Summers 2000 through 2003*

Simons Research Fellowship

- Conducted full time research on "*The Influence of Common Organic Nitrogen Species Introduced by Groundwater Underflow on Aureococcus anophagefferens and Competing Phytoplankton*"
- Published research
- Presented research at numerous symposiums

*Research Accolades:*

- Intel International Science and Engineering Fair, *Finalist*  
3<sup>rd</sup> Place in Environmental Science  
Naval Award for Excellence in Environmental Science
- Intel Science Talent Search, *Semifinalist*
- Siemens Westinghouse Science and Technology Competition
- Long Island Science and Engineering Fair, *Finalist*  
Intel Excellence Award  
United States Army Excellence Award
- Long Island Science Congress, *Highest Honors*

## **ACTIVITIES**

- University of Miami President's 100 Organization
  - Act as a student ambassador and public relations representative by providing insight to internal and external communities
  - Participate in recruitment, campus tours, special events, and presidential tasks
- Hands on Miami Volunteer Organization
- Founder and President, Club Field Hockey Team

**SPECIAL SKILLS:** Laboratory Experience, SCUBA certified, Microsoft Excel, SigmaPlot