

# Ben Greenfield

## Resume

San Francisco Estuary Institute  
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### Education:

**Masters of Sciences** Zoology, University of Wisconsin, May, 2000  
**Graduate Advisor:** Steve Carpenter  
**Bachelor of Arts** Biology, Brown University, 1993

### Awards:

**STAR Fellowship** Environmental Protection Agency, 1999  
**Honorable Mention** NSF Graduate Research Fellowship, 1998  
**University Fellowship** University of Wisconsin – Madison, 1997  
**Sigma Xi** Inducted 1992

### Research Experience:

**Environmental Scientist** *San Francisco Estuary Institute, Oakland, CA. February 2003*  
– *Present*. Developed and proposed a policy for evaluating whether sediments meet California Sediment Quality Objectives for protection of wildlife and human health. Implemented a research project to evaluate non-chemical alternatives to aquatic pesticides. Coordinated literature review, environmental economic analysis, and field studies.

**Environmental Analyst** *San Francisco Estuary Institute, Richmond, CA. October 2000*  
– *January 2003*. Managed and analyzed data on trace contaminants in the San Francisco Estuary. Coordinated the fish component of a long-term monitoring program.

**Graduate Trainee** *Integrative Graduate Education and Research Training Program, University of Wisconsin, Madison, WI. September 1998 – August 2000*. Participated in collaborative interdisciplinary research projects on the interactions between human communities and aquatic ecosystems.

**Research Fellow** *Center For Limnology, University of Wisconsin, Madison, WI. May 1997 - August 1998*. Implemented the chemical sampling program for a comparative study of water chemistry and fish mercury concentrations in 43 lakes.

**Research and Database Management Intern** *The Nature Conservancy, Arlington, VA. March - April 1997*. Coordinated with database managers throughout the country to revise files on the Conservancy's preserve holdings.

**Biological Technician** *Utah Division of Wildlife Resources, Cedar City, UT.*  
*June 1996 - February 1997.* Monitored abundance and distribution of native fish, amphibians, and reptiles. Participated in field sampling, including electrofishing, beach seining, visual surveys, and Rotenone treatment. Drafted a proposal for the inventory and monitoring of southwestern Utah aquatic species.

**AmeriCorps Representative** *U.S. Fish and Wildlife Service, Parker, AZ. January - May 1996.* Surveyed National Wildlife Refuge waters in search of endangered razorback sucker and bonytail chub. Wrote articles and presented lectures to increase public awareness of aquatic species conservation.

**Stream Surveyor** *U.S. Forest Service, Corvallis, OR. August - September 1995.*  
Conducted stream surveys and backpack electrofishing to document salmonid habitat quality and population density.

**Field Research Assistant** *Oregon Cooperative Fisheries Research Unit, The Dalles, OR. March - May 1995.* Used radio-telemetry to determine the impact of Columbia River dams on juvenile chinook salmon migration.

**Teaching Experience:**

**Teaching Assistant** *Zoology Department, University of Wisconsin, Madison, WI.*  
*September 1998 – May 1999.* Instructed weekly discussion sessions and labs in undergraduate introductory zoology course.

**Teaching Assistant** *Biology Department, Brown University, Providence, RI.*  
*January – May and September - December 1993.* Taught histology and general biology to medical students and undergraduates.

**Field Instructor** *Multnomah Education Services District Outdoor School, Sandy, OR.*  
*October 1995.* Implemented a hands-on geology education program for sixth graders. Trained and supervised high school student instructors.

**Instructor** *Children's Summer Ecology Program, Marshlands Conservancy, Rye, NY.*  
*April – June, 1992 and 1995.*

<b>Skills:</b>	MS Word	SYSTAT	Adobe Illustrator
	MS Excel	SAS	Power Boat Operation
	MS Access	Matlab	Electrofishing
	ArcView	Visual dBASE	Water Chemistry Analysis

**Peer Reviewer for the Following Journals:** Environmental Toxicology and Chemistry, Environmental Science and Technology, Archives of Environmental Contamination and Toxicology, Canadian Journal of Fisheries and Aquatic Science, Water Research, Hydrobiologia

**Affiliations:** Society for Environmental Toxicology and Chemistry, Ecological Society of America, Western Aquatic Plant Management Society