

**Curriculum Vitae**  
**Jane E. Disney, Ph.D.**

**Home Address:** 130 Indian Point Road  
Bar Harbor, ME 04609  
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**College Education:** **B.S., Biology, 1982** The Pennsylvania State University, University Park, PA  
**M.S., Genetics, 1984** The Pennsylvania State University, University Park, PA  
**Ph.D., Zoology, 1988** Washington State University, Pullman, WA  
**non-degree 1990-1993** University of Maine and College of the Atlantic

**Certification:** State of Maine Professional Teaching Certification in Life Sciences (2015-2020)

**Current Position:** Senior Staff Scientist and Director, Community Environmental Health Laboratory, MDI Biological Laboratory

**Administrative Experience:**

**January 2002-November 2007, Executive Director MDI Water Quality Coalition**

I was responsible for the daily operations of a small non-profit organization with a mission of engaging citizens in preserving and improving water quality on Mount Desert Island through meaningful environmental research and community education. In this capacity, I wrote grants, organized fundraising campaigns, and managed funds using QuickBooks and membership data using e-base. I learned to use computer graphics programs and publish newsletters. I produced PowerPoint presentations for community education events. I organized the annual Hancock County Youth Watershed Forum and produced a Youth Forum Convener's Guide for use by other communities. I designed teacher workshops, created novel environmental stewardship programs for local students, developed curriculum for educational programs, and recruited and managed volunteers for a variety of on-going water quality monitoring projects. I published reports on our work including a Cruise Ship Monitoring Report and two Watershed Survey Reports.

**Summer 2002-present, Director, Community Environmental Health Laboratory at the MDI Biological Laboratory in Salisbury Cove, ME**

I envisioned a citizen based environmental research laboratory and collaborated with the MDI Biological Laboratory to find funding for this endeavor in 2000. Since 2002, I have been working with high school and college student and teacher interns to sample water for bacteria as part of the Maine Healthy Beaches Program and for phytoplankton as part of the Maine Volunteer Red Tide Monitoring Program. I engage interns and citizen volunteers in eelgrass restoration efforts to ensure good water quality and species diversity for Frenchman Bay now and in the future. In addition, I teach citizens and interns to manage data, query databases, produce reports, communicate with town managers, and educate the community about water quality related issues.

**Teaching Experience:**

**August 1984-May 1985, Teaching assistant for "Contemporary Biology" Washington State University**

This was a bioethics course for which I interacted with students concerning their term paper projects and was responsible for evaluation of the term papers.

**August 1985-December 1987, Teaching assistant for "Comparative Animal Development" Washington State University**

I spent two semesters teaching the laboratory section of this course and designing unique hands-on laboratory exercises using early stage fish embryos.

**October 1986-March 1988, Washington State University**

I supervised two undergraduates' research while I was a graduate student. Both young women were awarded undergraduate research awards. One student published a research article with me in Journal of Experimental Zoology.

**June 1990-August 1990, The Jackson Laboratory, Bar Harbor, ME**

I taught laboratory techniques to a summer student at the Jackson Laboratory. She published a research article with me in Cytogenetics and Cell Genetics on our collaborative work.

**August 1991-March 1992, Educational Tech III Pemetic Elementary School, SW Harbor, ME.**

I spent one school year as an aide to a multiply handicapped kindergartener. I also helped the teacher to integrate science into the Kindergarten curriculum. I facilitated cross-mixing of the third grade ecosystem learning activities with Kindergarten activities and designed unique hands-on discovery centers.

**Sept. 1992-June 2001, Biology Teacher, Mount Desert Island High School, Mount Desert, ME**

I developed a project-based life science curriculum for sophomores. My students and I were part of the Gulf of Maine Shore Stewards program every fall and spring. We monitored coastal waters for coliform bacteria, dissolved oxygen, salinity, chlorine and temperature. We monitored for toxic phytoplankton all year. In the winter months we bred zebrafish to study reproduction and development and Drosophila melanogaster to study inheritance of single factor differences and sex-linked genes. The Human Genome Project was taught around molecular biology exercises that involved running agarose gels with DNA from a "crime scene"

and two "suspects". Students studied the five kingdoms by designing and establishing their own integrated (plant plus animal) hydroponics systems and monitoring nutrient cycling in them. The scientific process was emphasized in all projects. Students practiced skills of scientific writing, keeping laboratory notebooks, and presentation of scientific findings in every project. Community education (via the MDIHS Water Quality Monitoring Fair) was the culminating activity in the course.

**June-August 2001, Advisor to College Interns, Bar Harbor Oceanarium, Bar Harbor, ME**

I advised college interns on independent projects throughout the summer. Their projects included monitoring water quality, experimenting with variables affecting larval lobster development and collecting clam spat for re-seeding projects.

**September-November 2002, Visiting Instructor, College of the Atlantic, Bar Harbor, ME**

I taught Environmental Education to 14 college students. We used a hands-on approach in all aspects of the course. Students participated in Environmental Education activities with local 7<sup>th</sup> and 10<sup>th</sup> graders, facilitated a watershed forum for Hancock County students in grades 4-12, and designed their own community-based environmental education projects.

**January 2003-December 2006, Environmental Studies Instructor for Maine Coast Learning Expedition, a Program of the MDI Water Quality Coalition, Mt. Desert, ME**

I taught high school and middle school students enrolled in Maine Coast Learning Expedition (MCLE) how to be effective stewards of local environments. In addition to learning how to work together as a team, they developed field and lab research skills, gained the ability to construct and manage their own databases, and became adept at desktop publishing and public speaking in this unique semester-long program. In 2005 and 2006 MCLE students participated in the "Ambassadors of the Bay" program, a 4-day kayaking journey designed to connect students to people and issues around Frenchman Bay.

**June 2006 and June 2007, Adjunct Faculty Member, Antioch New England Graduate School, Keene, New Hampshire**

I taught Biological Concepts, a required course for Master's Degree Candidates seeking Middle School and Secondary School Science Certification through the Environmental Studies Program. I used hands-on activities and case studies to bring contemporary relevance to concepts in cell biology, genetics, development, and evolution.

**November 2006-April 2008, Educational Tech III, Trenton Elementary School, Trenton, ME**

I worked one-on-one with an autistic 2<sup>nd</sup> grader and developed programs for special needs children in second grade and kindergarten. **April 2008-June 2008, Long Term Substitute K-2 Special Education Teacher, Trenton Elementary School, Trenton, ME:** I designed a life skills classroom and developed curriculum aimed at promoting student autonomy while facilitating a team approach to problem-solving. I brought my extensive background in children's music to the emerging K-2 Special Education Program, and taught basic concepts of letter sounds and counting through traditional American Folk Music. I developed successful behavior plans for students and worked to inform an entire school about the need follow behavior plans for special education students as they move through the larger school environment.

**September 2008-June 2009, Ed Tech III, MDI High School:** I created a community based program in collaboration with the Maine Center for Community Inclusion for a multiply handicapped, non-verbal high school senior. I engaged this student in a plethora of community activities, including volunteering at local radio station, WERU. His work was recognized by the governor. This student visited classes at College of the Atlantic during the fall term and audited his first college class during winter term 2009. I accompanied him to class, took class notes for him, read him assignments, and worked with his speech therapist to program his augmentative communication system to communicate effectively with college peers. In addition, I helped him use a special camera, adapted for people with his needs, and he became quite skilled at photography. I set up job-shadowing opportunities for him with photojournalists from local newspapers. He successfully graduated in June 2009.

**June 2009-Present, Outreach Educator, MDI Biological Laboratory:** In my capacity as Director of the Community Environmental Health Laboratory at MDI Biological Laboratory, I have created outreach and education programs aimed at promoting environmental stewardship and ocean literacy. I currently work in the Mt. Desert Island School System AOS #91, and Maine RSU School District # 24 (Lamoine Elementary School) as an ecologist in residence, bringing students to the ocean and the ocean indoors in a curriculum called "Seagrasses in Classes". I assist teachers and students to establish eelgrass aquaria in their classrooms or school yards and design experiments aimed at better understanding this important subtidal habitat. Students attend an annual Eelgrass Summit at which they share data, network with other students, get feedback from eelgrass researchers, and participate in bay planning activities. Teachers nominate exceptional students to participate in an intensive week-long summer program called "Young Environmental Leaders". These students learn new research and data management and mapping skills to apply to future projects, including on-going eelgrass restoration work at MDI Biological Laboratory. The ecologist in residence program has been expanded to inland high schools, in particular, Bangor and Waterville High Schools. Teachers and students from those schools visit MDI Biological Laboratory in the summer and participate in "Restoration and Exploration" weeks.

**Laboratory Research Experience:**

**6/81-8/83** Salmonid Cytogeneticist at Penn State University with Dr. James E. Wright, Jr.

**9/83-6/84** Insect Cell Culturist at Penn State University with Dr. William McCarthy

**8/84-6/88** Graduate Research Assistant in Salmonid Chromosome Set Manipulation at Washington State University with Dr. Gary Thorgaard

**8/88-6/89** Post-Doctoral Research Associate in Chromosome Structure at Washington State University with Drs. Raymond Reeves and Nancy Magnuson

**10/89-6/91** Post-Doctoral Research Associate in Chromosome Breakage and Repair at The Jackson Laboratory with Dr. Leonard Shultz

### **Community Involvement:**

<b>1972-present</b>	Children’s musician performing in schools, libraries, day care centers, and at festivals
<b>1991-2001</b>	Board Member, Summer Festival of the Arts
<b>2009-2013</b>	Secretary, Summer Festival of the Arts
<b>1996-present</b>	John and Ellen Emery Science Grant Committee
<b>2000-2004</b>	Board Member, MDI Water Quality Coalition
<b>1998-present</b>	Advisor, Acadia Wildlife Foundation
<b>1999-2007</b>	Marine Resources Committee, Town of Bar Harbor: appointed position
<b>2003-2007</b>	School Union 98 Service Learning Steering Committee
<b>2009-2012</b>	Town Councilor, Town of Bar Harbor: elected position
<b>2012-present</b>	Hancock County Planning Commission: appointed commissioner
<b>2013-present</b>	Frenchman Bay Partners, president: elected position
<b>2013-present</b>	Maine Shellfish Advisory Committee: appointed position
<b>2013-present</b>	Stakeholder Advisory Group: Regional Ocean Policy Planning Committee

### **Recent Awards:**

1. Gulf of Maine Council on the Marine Environment, “Visionary Award” June 2007
2. Governor’s Award, 35<sup>th</sup> Anniversary of the Clean Water Act, October 2007
3. Gardens for Humanity “Visionary Award” for Eelgrass Restoration in Frenchman Bay, April 2008, 2009

### **Recent Presentations:**

1. **Disney, J.E.** (2005) “A Tale of Two Watersheds” oral presentation at Maine Stream Team Conference, Belfast, ME.
2. **Disney, J.E.** (2005) “Communities Matter: The story of how citizen involvement in local watershed issues helped to inform a statewide initiative to protect public health” oral presentation at New England Interstate Water Pollution Control Commission Conference.
3. **Disney, J.E.** and Steele, Z. (2007) “The Stanley Brook Watershed Survey” oral presentation at Maine Water Conference.
4. **Disney, J.E.** and Kidder, G.W. (2009) “Community-Based Eelgrass Restoration at Hadley Point in Bar Harbor, Maine” Poster presentation at Status, Trends, and Conservation of Eelgrass in Atlantic Canada and the Northeastern United States.
5. **Disney, J.E.** and Kidder, G.W. (2009) “Eelgrass Recovery after Restoration in Frenchman Bay” Poster presentation at Maine Coastal Waters Conference.
6. **Disney, J.E.** and Joseph Adams (2010) “Bringing the Ocean Indoors” teacher workshop at Maine Environmental Education Association Conference.
7. **Disney, J.E.** (2011) “Community-Based Eelgrass Restoration in Frenchman Bay” oral presentation at University of Maine Citizen Science Symposium.
8. **Disney, J.** and Kidder, G.W. (2011) “Eelgrass Habitat Recovery after Restoration in Frenchman Bay: A Conservation Success Story” oral presentation at Acadia National Park Science Symposium.
9. Kidder, G., **Disney, J.** and Miller, M. 2012. Biodegradable grids enhance success of eelgrass restoration in Maine. Sea Grant Symposium, Poster Presentation U. Maine Orono April 5<sup>th</sup> dozens of attendees
10. Kidder, G.W., **Disney, J.E.** and Miller, M. (2012) “Biodegradable Grids Enhance Success of Eelgrass Restoration in Maine” Poster Presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME.
11. McGreavy, B., Miller, M., **Disney, J.**, Lindenfeld, L., Silka, L., Petersen, C. (2012) “Planning for resilience: integrating citizen perspectives in a conservation action planning process.” Poster presentation at the Public Participation in Scientific Research Preconference, Ecological Society of America Annual Convention, Portland, OR.
12. Bailey, J, **Disney, J.E.** (2013) “Conservation Action Planning Process of the Frenchman Bay Partners” Teacher workshop at the Maine Environmental Education Association Conference, Wiscasset, ME.
13. **Disney, J. E.**, Fox, E.L., White, S., Kidder, G.W., Sato, G. (2013) “Community-Based Eelgrass Restoration in Frenchman Bay, Maine” Poster Presentation New England Estuarine Research Society Meeting, Portland, ME.
14. Kidder, G., and **Disney, J.** (2013). Eelgrass restoration: From permitting to monitoring in Frenchman Bay, Maine. Ann. Eelgrass Extravaganza, March 18, 2013. Oral Presentation, EPA, Boston, MA.
15. McGreavy, B., Lindenfeld, L., Silka, L., **Disney, J.**, Fox, E., Miller, M., Petersen, C., Deforrest, B., de Köning, F. (2013) “Building capacity for social and ecological resilience: communication and collaboration in a conservation action planning process.” Panel presentation at the Conference on Communication and the Environment, Uppsala, Sweden.
16. McGreavy, B., Fox, E., Miller, M., **Disney, J.**, Lindenfeld, L., Silka, L. Petersen, C., Deforrest, B., de Köning, F. (2013) “Charting a course to shellfish sustainability: a collaborative learning approach.” Poster presentation at the Conference on Communication and the Environment, Uppsala, Sweden.

17. McGreavy, B., Fox, E., **Disney, J.**, Miller, M., Lindenfeld, L., Silka, L., Petersen, C. (2013) "A collaborative model for conservation action planning: group communication and partnership development for ecological and economic resilience in Frenchman Bay." Poster presentation at the Maine Water Conference, Augusta, ME. Top poster award.
18. Hubbard, K.A., Sirois, A., **Disney, J.**, Flewelling, L., O'Dea, S., Morton, S., Robertson, A., Flores Quintana H.A, Thomas, M.A., Townsend, D.W., Kleindinst, J.L., McGillicuddy, D.J., Anderson, D.A. (2013) "Spatial and temporal variability of toxic *Pseudo-nitzschia* spp. in the Gulf of Maine during summer 2012" oral presentation at Seventh Symposium on Harmful Algae in the US, October 27-31, 2013 Sarasota, FL
19. **Disney, J.E.**, Kidder, G.W., Thorburn, L, Bailey, D., Bailey, J. Martens, R. (2013) "Are green crabs responsible for eelgrass loss in Frenchman Bay, Maine?" poster presentation at the Green Crab Summit, University of Maine
20. **Disney, J.E.**, Kidder, G.W., Thorburn, L, Bailey, D., Bailey, J. Martens, R. (2014) "Are green crabs responsible for eelgrass loss in Frenchman Bay, Maine?" poster presentation at Annual Eelgrass Extravaganza at EPA, Boston, MA
21. Bill Zoellick, Hannah Webber, Karen James, **Jane Disney**, Abe Miller-Rushing (2014) "Public Participation in Biotrails: Learning to Support Learning" poster presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME.
22. Jane Pappas, **Jane Disney**, Karen James (2014) Protocol development for DNA-based identification of marine invertebrates in Frenchman Bay. Poster presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME.
23. Duncan Bailey, Jordan Bailey, George Kidder and **Jane Disney** (2014) A citizen science approach to mapping eelgrass (*Zostera marina* L.) loss in Maine. Poster presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME
24. **Jane Disney**, George Kidder, Lukas Thorburn, Duncan Bailey, Jordan Bailey and Rick Martens (2014) Are green crabs responsible for eelgrass loss in Frenchman Bay? Poster presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME
25. Duncan Bailey and **Jane Disney** (2014) Anecdota.org: A versatile tool for environmental citizen science. Workshop at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME
26. Mary Badger, Alden Dirks, Larissa Williams, George Kidder, Anna Farrell, **Jane Disney** (2014) Population genetics of the invasive European green crab (*Carcinus maenas*) and its role in eelgrass (*Zostera marina*) loss in the Gulf of Maine. Poster presentation at Acadia National Park Science Symposium, Schoodic Institute, Winter Harbor, ME
27. **Jane Disney** (2014) Possible causes of eelgrass (*Zostera marina* L.) loss in Frenchman Bay, Maine. Invited talk at the Downeast Research and Education Network (DEREN) Conference at Schoodic Institute, Winter Harbor, ME
28. **Jane Disney** (2014) Opening Closed Clam Flats and Promoting Healthy Beaches: There are Many Paths to Clean Water in Maine. Maine Water Conference, Augusta, ME
29. Charles Wray and **Jane Disney** (2014) Is there a sustainable future for Frenchman Bay? MDI Science Café McKay's Pub House, Bar Harbor, ME
30. **Jane Disney** (2014) The Frenchman Bay Partners: Working Together to Save a Bay. Panelist for 5-Star and Urban Waters Webinar Series: Engaging Partners and Communities.

#### Recent Publications:

1. *Colletti, S. L., Kidder, G.W. and Disney, J.E.* 2009. Growth rate of eelgrass (*Zostera marina*) in Frenchman Bay. Bull. Mount Desert Island Biological Laboratory 48:120
2. *Disney, J.E. and Kidder, G.W.* 2010. Community-based eelgrass (*Zostera marina*) restoration in Frenchman Bay. Bull. Mt. Desert Island Biological Laboratory 49:108-109
3. *Disney, J.E., Kidder, G.W., Balkaran, K., Brestel, C. and Brestel, G.* 2011. Blue mussel (*Mytilus edulis*) settlement on restored eelgrass (*Zostera marina*) is not related to proximity of eelgrass beds to a bottom mussel aquaculture lease site in Frenchman Bay. Bull. Mt. Desert Island Biological Laboratory 50: 80-82.
4. *White, S., Bleicher, S., Peirce, E., Kidder, G.W., Disney, J.E.* 2012. Lobster (*Homarus americanus*) size distribution in relation to proximity to eelgrass (*Zostera marina*) beds in Frenchman Bay. Bull. Mt. Desert Island Biological Laboratory 51: 35-38.
5. *Kidder, G.W., Disney, J.E.* 2013. A comparison of transplant methods for eelgrass (*Zostera marina* L.) restoration in Frenchman Bay. Bull. Mt. Desert Island Biological Laboratory 52:37-39
6. *Fox, E., White, S., Sato, G., Miller, M, Kidder, G., Hauck, J, Disney, J.E.* 2013. Effects of slow release nutrients on eelgrass (*Zostera marina* L.) morphometrics and water quality. Bull. Mt. Desert Island Biological Laboratory. 52:34-36
7. *Kidder, G.W, White, S., Miller M.F, Norden, W.S., Taylor, T., and Disney J. E.* 2013 Biodegradable Grids: A Preferred Method for Community-Based *Zostera marina* (Eelgrass) Restoration in Maine. J. Coastal Research <http://www.jcronline.org/doi/abs/10.2112/JCOASTRES-D-13-00062.1>
8. *Disney, J. E., Prinbeck, G., Steele, Z.* 2014. A unique coastal watershed survey in Maine. Journal of Soil and Water Conservation 69 (3):89A-94A doi:10.2489/jswc.69.3.89A
9. *Disney, J.E., Thorburn, L., Kidder, G.W.,* 2014. Possible causes of eelgrass (*Zostera marina* L.) loss in Frenchman Bay, Maine. Bull. Mt. Desert Island Biological Laboratory 53: 26-28
10. *Bailey, D., Bailey, J., Kidder, G.W. Disney, J.E.,* 2014. A citizen science approach to mapping eelgrass (*Zostera marina* L.) loss in Maine. Bull. Mt. Desert Island Biological Laboratory 53: 25

11. *Kidder, G.W., Bushmann, P., Disney, J.E.* 2014. Restoration by seeding in *Zostera marina* -a progress report Bull. Mt. Desert Island Biological Laboratory 53: 22-24
12. *Disney, J.E. and Crossman Turner, T.* 2014. Young Environmental Leaders: Building Environmental Stewardship Skills and Self-Confidence in Students through Eelgrass Research and Restoration. Current: Journal of Marine Education. 29(1): 22-30.

**Past Publications:**

1. *Disney, J.E. and McCarthy, W.J.* (1985). A modified technique for the improved characterization of lepidopteran chromosomes from cells in culture. In Vitro 21:563-568.
2. *Disney, J.E., Johnson, K.R., and Thorgaard, G.H.* (1987) Intergeneric gene transfer of six isozyme loci in rainbow trout by sperm chromosome fragmentation and gynogenesis. J. Exp. Zool. 244:151-158.
3. *Disney, J.E., and Wright, J.E., Jr.* (1987) Cytogenetic analysis in hybrid trout reveal an evolutionary relationship between parental species. Cytogenet. and Cell Genet. 45:196-205.
4. *Disney, J.E. Johnson, K.R., Banks, D.K., Thorgaard, G.H.* (1988) Maintenance of foreign gene expression and independent chromosome fragments in transgenic rainbow trout and their offspring. J. Exp. Zool. 248:335-344.
5. *Disney, J.E., Johnson, K.R., Magnuson, N.S., Sylvester, S.R., Reeves, R.* (1989) High Mobility Group Protein HMG-I localizes to G/Q- and C-bands of human and mouse chromosomes. J. Cell Biol. 109:1975-1982.
6. *Disney, J.E., Davitt, C.M., and Thorgaard, G.H.* (1989) Scanning electron microscopy of chromosomes and chromosome fragments in transgenic rainbow trout. Scanning Microscopy 3(4):1135-1141.
7. *Johnson, K.R., Disney, J.E., Wyatt, C.R., Reeves, R.* (1990) Expression of mRNAs encoding mammalian chromosomal proteins HMG-I and HMG-Y during cellular proliferation. Exp. Cell Res. 187:69-76.
8. *Disney, J.E., Wright, J.E., Jr.* (1990) Extensive multivalent pairing occurs in male lake trout meiosis. Genome 33:219-224.
9. *Thorgaard, G.H., and Disney, J.E.* Chromosome preparation and analysis. (1990) In: Methods for Fish Biology, Schreck, C.B., and Moyle, P.B., eds.
10. *Disney, J.E., Barth, A. L., and Shultz, L.D.* (1992) Defective repair of radiation-induced chromosomal damage in scid/scid mice. Cytogenet and Cell Genet. 59:39-44.

**Grants and Awards:**

John and Ellen Emery Science Grant (\$1,035, 1,800), June 1994, 1997 for classroom science aquarium-based projects  
 Shore Stewards Award (\$500), Sept. 1995 for water quality monitoring  
 Title VI Funds for Equity in Science Education (\$2,000, \$2,500), Sept. 1997, 1999 for professional development  
 Sea World/Busch Gardens Environmental Excellence Award (\$27,500), April 1998 for water monitoring in schools  
 Maine Coastal Program Shore Stewards Grant (\$20,480), January 2002 for MDIWQC  
 Maine Community Foundation (\$4,000, \$2000, \$5190, \$7523), April 2002, 2005, 2010, 2011 for educational programs  
 Friends of Acadia (\$500), April 2002, April 2004, December 2005  
 Seventh Generation Fund (\$10,000), September 2002, June 2004 for MDIWQC  
 United Way (\$622, \$1,200), April 2003 April 2005 for MDIWQC  
 New England Grassroots Environment Fund (\$2000, \$1,000, \$1,500), April 2000, April 2003, November 2004 for MDI WQC  
 Thomas H. Maren Foundation (\$25,000, \$35,000) September 2003, 2004, 2005, 2006 for Community Environmental Health Lab  
 Robbins de Beaumont Foundation (\$26,000 \$20,000, \$28,000), December 2002, 2003, 2004 for instituting new educational models  
 Healthy Acadia (\$900, \$880), April 2004, April 2005 for work with Camp Beech Cliff on water quality monitoring  
 EPA Environmental Education (\$32,000, \$84,000), June 2005, September 2011 for Seagrasses in Classes in local and inland schools  
 Cruise Industry Charitable Foundation (\$10,000) June 2006 (\$5,000) June 2007 for cruise monitoring  
 Gulf of Maine Council on the Marine Environment (\$20,000), March 2007 for eelgrass restoration  
 Constellation Energy (\$5,000), April 2010 and 2011 for engaging citizens in eelgrass restoration  
 Lynam Foundation (\$5,000), October 2010, 2011, 2012 for environmental education  
 Alex C. Walker Foundation (\$15,000, \$43,900, \$30,000, \$30,000, \$30,000), April 2010, 2011, 2012, 2013, 2014 for eelgrass restoration and stakeholder engagement  
 National Fish and Wildlife Foundation (5-Star Restoration) (\$19,400, \$25,266) April 2009, November 2012 for eelgrass restoration  
 Gordon Sato Grant (\$50,000) June 2012 (\$12,000) January 2013 (\$14,000) October 2014 for eelgrass restoration with nutrients  
 COSEE-OS sub-award (\$30,000) 2011-2012 for engaging inland teachers in environmental programs  
 Army Corps of Engineers Estuary Habitat Restoration Program Grant (\$239,000, pending)  
 Long Cove Foundation (\$40,198) December 2013 for development of a data portal and volunteer engagement in eelgrass restoration  
 The Nature Conservancy (\$5,000) July 2014 for eelgrass restoration  
 Davis Conservation Foundation (\$5000) October 2014 for development of a decision support tool for bay stakeholders  
 Long Cove Foundation (\$127,883) December 2014, 3 year grant for on-going eelgrass research and Anecdadata.org development