

Annette de Charon

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a. Professional Preparation.

University of California, Davis, CA	Geology	B.S. 1984
Oregon State University, Corvallis, OR	Oceanography	M.S. 1988

b. Appointments.

University of Maine (2006-present): Senior Marine Education Scientist

Director of the Centers for Ocean Sciences Education Excellence (COSEE) - Ocean Systems, a program to deliver ocean systems education tools to rural/inland audiences. Manager of Education & Public Outreach for NASA's Earth System Science Pathfinder "Aquarius," a US-Argentine satellite mission that will measure open ocean salinity.

Bigelow Laboratory for Ocean Sciences (1998 – 2006): Senior Science Educator

Managed Laboratory's Education and Community Outreach efforts. Developed programs that highlighted oceanography's unique contributions to earth science and society.

NASA/Jet Propulsion Laboratory (1991 – 1998): Member of Technical Staff

Earth Science Flight Projects: Managed TOPEX-Poseidon's award-winning Educational-Outreach efforts.

Galileo Project: Produced data collection and contingency guidelines.

Shuttle Imaging Radar Projects: Coordinated sequence-of-events issues.

Magellan Project: Organized science and engineering sequence of events.

Brown University (1989 – 1991): Research Assistant

Conducted Venus-related geological research.

c. Five most relevant Publications.

A. deCharon, S. Etheridge, T. McDonnell Wysor, and M. Sieracki, 2006, "HAB outreach using multimedia: integrating ocean research and education," *African Journal Marine Science*, 28(2): 459-463

A. deCharon and J. Ryan, 2006, "Phytopia: Upwelling Zones," URL: www.bigelow.org/upwelling

A. Manahan, R. Zotolli, and **A. deCharon**, 2005, "MITZI: Maine InterTidal Zone Investigation," URL: www.bigelow.org/mitzi

A. deCharon and M. Sieracki, 2003, "Phytopia: Discovery of the Marine Ecosystem," educational CD-ROM

A. deCharon, M. Sieracki and P. Wilson, 2002, "Cycling through the Food Web," URL: www.bigelow.org/bacteria

Five other relevant Publications.

T. Wysor, **A. deCharon**, and R. Wahle, 2004, "Hatch to Catch II... The Journey Continues," URL: www.bigelow.org/h2c2/

- A. deCharon** and S. Etheridge, 2001, "Toxic & Harmful Algal Blooms," URL: www.bigelow.org/hab/
- A. deCharon**, L. Incze, R. Wahle and N. Wolff, 2000, "Hatch to Catch," URL: www.bigelow.org/hatch_to_catch
- A. deCharon** and M. Sieracki, 1999, "Ship Mates: Explore the Gulf of Maine as Oceanographers Do," URL: www.bigelow.org/shipmates
- NASA Jet Propulsion Laboratory, 1998, *Visit to an Ocean Planet*, TOPEX/Poseidon Educational CD-ROM (**Producer: A. deCharon**), teachearth.com/resources/VisitOceanPlanet.html

d. Synergistic Activities.

- Council Chair*, Centers for Ocean Sciences Education Excellence (2008-2009)
- Chair, Board of Directors*, Maine Space Grant Consortium (2008-2010)
- Member, Board of Directors*, Maine Space Grant Consortium (1998-present)
- Education and Public Awareness Committee*, Ocean Research Interactive Observatory Networks, ORION (2005-07)
- Co-coordinator* for northern New England National Ocean Sciences Bowl Competition (2001 and 2004)

e. Collaborators & Other Affiliations

i) Collaborators in the past 48 months:

- Dr. Emmanuel Boss, University of Maine
- Dr. David Brooks, Texas A& M University
- Dr. Janet Campbell, University of New Hampshire
- Dr. Yi Chao, NASA Jet Propulsion Laboratory
- Dr. Yon Chen, University of Maine
- Dr. Stacey Etheridge, US Food and Drug Administration
- Dr. Lee Karp Boss, University of Maine
- Dr. Kevin Hovel, San Diego State University
- Dr. Lew Incze, University of Southern Maine
- Dr. Peter Jumars, University of Maine
- Dr. Gary Lagerloef, Earth and Space Research
- Dr. Mary Jane Perry, University of Maine
- Dr. Neal Pettigrew, University of Maine
- Dr. Collin Roesler, Bigelow Laboratory for Ocean Sciences
- Dr. John Ryan, Monterey Bay Aquarium Research Institute
- Dr. Michael Sieracki, Bigelow Laboratory for Ocean Sciences
- Dr. David Townsend, University of Maine
- Dr. Richard Wahle, Bigelow Laboratory for Ocean Sciences
- Dr. Herman Weller, University of Maine
- Dr. Huijie Xue, University of Maine

(ii) Graduate Advisor:

- Dr. Robert Embley, NOAA/Pacific Marine Environmental Laboratory, Newport, OR