

## LAURA WALLACH

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*Career interests:* Environmental science, education and public engagement; ecological interactions; water quality; aquatic systems; facilitating environmental change through personal behavior.

### EDUCATION

#### **MASTER OF ENVIRONMENTAL MANAGEMENT**, May 2008

Nicholas School of the Environment and Earth Sciences  
Duke University, Durham, NC

*Master's project:* Total maximum daily load assessments (TMDLs) for bacterial impairment of shellfish waters: An analysis of options for coastal North Carolina. Courses in environmental education and communication, environmental leadership, green by design, coastal watershed science and policy, geospatial analysis, marine ecology, ocean and coastal law and policy.

#### **CERTIFICATE OF ENVIRONMENTAL EDUCATION**, 2008

North Carolina Office of Environmental Education, Raleigh, NC

Working towards 200-hour professional development certification.

Workshops in Project WILD, Project WET, Population Connection, and Leopold Education Project.

Have prepared and taught formal lessons on habitat, watersheds and nonpoint source pollution.

#### **BACHELOR OF SCIENCE**, May 2006

University of Maryland Baltimore County, Baltimore, MD

*Major:* Environmental science. *Concentration:* Earth systems science.

Courses in environmental science laboratory and field techniques, physical geography, geomorphology, geography of soils, oceanography, and American conservation thought.

### PROFESSIONAL EXPERIENCE

#### **Coastal Policy Intern**, North Carolina Coastal Federation, Ocean, NC

Researched and analyzed water quality standards and bacterial water quality in coastal North Carolina. Helped define policy alternatives to current management practices for impaired water bodies. Used fact finding skills to determine potential problems causing local water quality decline. Gained experience in the field including measuring stream flow, salt marsh restoration plantings, assisting with oyster reef restoration, and monitoring of restoration sites. Summer 2007

### OTHER EXPERIENCE

Sailing Club, University of Maryland Baltimore County, Baltimore, MD

**President.** Directed all club operations including recruitment, member programs, and organization of the team's racing schedule and practices. Oversaw improvements in recruiting and programming which led membership to triple.

Guided team effectively through a period of transition where several key members graduated. March-December 2003; September 2004-August 2005

**Member.** Managed hosting of 6 regattas, each for 70 college sailors and coaches. Maintained team equipment including 5 boats, spare parts, and specialized gear. Assisted in creating team budget. 2001-2006

### ADDITIONAL INFORMATION

Ability to explain technical, scientific, and environmental concepts to non-technical audiences.

Experience working with youth with a variety of backgrounds, including urban youth, in summer camps, classroom settings, and tutoring and mentoring programs.

Ability to translate ecological concepts across different ecosystems.