

# LAUREN B. DECKER

## EDUCATION

University of Washington  
Bachelor of Science, Oceanography, 2005  
Concentration in Physical Oceanography  
Minor in Applied Math

University of Rhode Island  
Masters of Science, Oceanography,  
expected graduation winter 2008  
Adviser: Dave Hebert

## EXPERIENCE

**Student Research Assistant**      University of Rhode Island      Fall 2006-Present  
Narragansett, RI

Mid-shelf front in the Mid-Atlantic Bight research group. Analysis of CTD and ADCP data with Matlab.

**Research Assistant**      University of Washington      Summer 2004 to Summer 2006  
Seattle, WA

Puget Sound Regional Synthesis Model (PRISM). Created an oxygen calibration matlab GUI, and a Puget Sound box model matlab GUI. Worked with cruise ship effluent tracer python program from a particle tracing program and using the POM circulation model.

**Student Assistant**      University of Washington APL      Summer 2004 to Spring 2005  
Seattle, WA

Integrated Observational Platforms, Ocean Physics Dept. Deploying and calibrating Seagliders in flight tests.

**Computer Tech/Data Entry**      Party World Rentals      Summer 1998, 2002, 2003  
Anchorage, AK

Creation of MS-Access database to track rentals, creation of their Web site ([www.partyworldak.com](http://www.partyworldak.com)).

## COMPUTER SKILLS

Matlab data modeling and analysis	MS-Access, Excel, Word, Power Point	LaTex
WEB/HTML production	Macromedia Flash	Corel Draw

## PRESENTATIONS

Decker, Lauren, Dave Hebert, David Ullman. Talk: *Mean thermohaline and velocity structure of the Mid-Atlantic Bight mid-shelf front*. Mid-Atlantic Bight Physical Oceanography Meeting (MABPOM), Woods Hole, Massachusetts, September 22-23.

Decker, Lauren, Dave Hebert, David Ullman. Poster: *Observations of a Mid-Shelf Front in the mid-Atlantic Bight during the winter of 2007*. Ocean Sciences Meeting, Orlando Florida, March 2-7, 2008.

Sarason, Christian, Lauren Curry (now Decker), Mitsuhiro Kawase. Poster: *Modeling Cruise Ship Discharges in Puget Sound: Estimates of Dilution and Landfall Near Admiralty Inlet, Washington*. Ocean Sciences Meeting, Honolulu Hawaii, February 20-24, 2006.

Curry, Lauren (now Decker), Seelye Martin. Poster: *Internal Solitary Wave Dissipation in Port Susan, Puget Sound*. Undergraduate Research Symposium, Seattle Washington, May 13, 2005. ...Ocean Sciences Meeting, Honolulu Hawaii, February 20-24, 2006.