Teresa L. Garner

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Objective

To further my environmental science career in a position emphasizing practical application of research to serve public and environmental interests.

Education

M.S. Oceanography — **Old Dominion University**
Physical Oceanography — **August 2005**

B.S. Earth & Atmospheric Sciences — **Georgia Institute of Technology**
Focus: Geophysics — **May 2000**
High Honors, GPA : 3.53, Major GPA : 3.78

Skills

Computer Background

- Windows/UNIX/Mac
- Microsoft Office
- Matlab
- Perl
- HTML/Web page design
- Fortran

Field Instrumentation Experience

- Conductivity-Temperature-Depth packages and Doppler current profilers
- SONARs (side-scan and hull-mounted)
- CODAR high frequency RADAR systems

Language

- Spanish (basic reading comprehension & conversational Spanish)

Previous Work

Research Staff, Old Dominion University — **Fall '06 - Winter '07**
Management and quality control of surface current data in the lower Chesapeake Bay for incorporation into regional and national ocean observing systems. Development and presentation of near real-time data products of interest to the public and scientific community. Scripting in Perl/Matlab and web page construction.

Research Assistant, Old Dominion University — **Fall '03 – Winter '05**
Development of a method to estimate the largest vertical turbulent eddy length scales from CTD measurements. Wrote Matlab code to implement this new method. Determined time and length scales for vertical mixing in the Ross Sea as part of a collaborative project to investigate the impact of enhanced UV radiation on phytoplankton health and productivity.

NOAA Intern (Environmental Careers Organization) — **Fall '01 – Winter '02**
Generated tidal current predictions with harmonic analysis techniques and participated in tidal current surveys.

Skidaway Institute of Oceanography Intern — **Summer '00/Winter '01**
Performed harmonic analyses on tidal current and pressure data to assess the effects of certain harmonic overtides on tidal asymmetry. Streamlined data processing through composition of scripts for UNIX platforms. Assisted as needed with estuarine fieldwork.