

[All Opportunities](#)[Instructions](#)[Contact Student Scholarship Program](#)[Logout](#)

SSIO 2015 Internship Opportunity Position

Internship Information

- Project title: **Inter-Annual To Decadal-Scale Oceanic Dissolved Oxygen Variabilityclimate Change And Variability And Hypoxia Using The World Ocean Database And World Ocean Atlas**
- NOAA mission goal: **Healthy Oceans**
- Hypothesis or objectives: **Document Chemical and Physical Climate Change And Variability Based On The World Ocean Database And World Ocean Atlas. [For NSF Fellows]**
- Academic status: **Graduate**
- Area(s) of discipline: **Chemistry, Computer Science, Ecology, Geography, Information Technology, Marine And Aquatic Sciences, Meteorology, Oceanography, Physics**
- Internship location: **Silver Spring, MD**
- Duties and responsibilities: **1. Ability to understanding scientific methods, ability to develop a specific research question (topic open: examples, documenting ocean heat warming, ocean acidification, fresh water fluxes, etc).
2. Query and extract ocean observations data and metadata from the World Ocean Database; derive climatological variable fields from World Ocean Atlas
3. Fundamentals of data archival, quality control, and scientific use of oceanographic profile data and metadata.
4. Study time series of ocean biochemical or physical variability based on analysis of quality-controlled ocean chemical and physical profile data in the ocean**
- Special skills/training required: **Ideally, the fellow should have some programming experience (or ability to learn quickly) in C or FORTRAN. UNIX/PC familiarity desired. Some basic marine science background is useful.**
- Expected outcomes: **Brief student paper/presentation**
- Guidance and supervision: **Hernan Garcia (Chemical Oceanography)**
- Posted or modified date/time: **Tuesday, February 10, 2015 - 1:46:00 PM**

Internship Travel Information

- Purpose (student's role): ---
- Mode of transportation: ---
- Date(s): ---
- Destination: ---
- Estimated cost: ---

Source of funding: ---

Mentors Contact Information

Name: **Dr. Hernan E. Garcia**

Organization: **National Environmental Satellite, Data,
and Information Service (NESDIS)**

Program office: **National Oceanographic Data Center**
Mailing address: **Ssmc-3 4Th Floor (E/Oc5), 1315 East-
West Highway
Silver Spring, MD 20910**

Fax number: **301-713-3303**

Phone number: **301-713-3290 x184**

Email: **hernan.garcia@noaa.gov**

Co-Mentor name: ---

Co-Mentor email: ---

Agency or organization: ---



[<< Back](#)

[Print](#)