

**Executive Host Information 2005**  
**Placement Week November 15-19, 2004**

Office Name: Department of Homeland Security, United States Coast Guard, Environmental Standards Division (G-MSO-4), Office of Operating and Environmental Standards

Position Title: Knauss Fellow

How many total staff are in your immediate office / branch? (Select one option, mark with X)

1-5	
6-10	X
> 10	

Have you previously hosted a Sea Grant fellow (Select one option, mark with X)

Yes	
No	X

If yes, how many?

If fellow is currently on assignment, please provide contact information.

Name	N/A
Tel	N/A
Email	N/A

Does your office accept non-United States (foreign) citizens? (Select one option, mark with X)

Yes	X
No	

**Organizational Overview**

***Mission Statement:*** (Please limit to 30 words.)

The U. S. Coast Guard Environmental Standards Division develops domestic marine environmental protection regulations and national policy, and represents U. S. interests in the development of global marine environmental protection agreements.

***Brief Overview of Your Office's work:*** (Please limit to 150 words.)

The Division develops and maintains standards, regulations, and guidelines for industry, the states, and the public, to implement laws and treaties on marine environmental protection. The main elements of this work involve:

- Developing regulations, policy and guidelines for the prevention of ship mediated introductions of aquatic nuisance species.
- Recommending regulations, policy, and guidance for maritime pollution prevention and response.

- Serving as the principal environmental liaison for coordination and concurrence of environmental laws (NEPA, ESA, CZMA) with appropriate government officials.
- Coordinating with federal, state and international stakeholders on Aquatic Nuisance Species issues.
- Representing the Coast Guard on the National Research Council Marine Board on matters relating to marine environmental protection.
- Providing technical assistance to several international organizations dealing with environmental prevention, preparedness, and response issues, including the International Maritime Organization (IMO), United Nations Environment Program (UNEP), United Nations Disaster Relief Organization (UNDRO), Organization of American States (OAS), the Pan-American Health Organization (PAHO), the Arctic Environment Protection Strategy and other international organizations.

Do you have partnership projects, multi-agency workgroups, or working relationships with other offices? Please list.

EPA Environmental Technology Verification Program
Smithsonian Environmental Research Center, National Ballast Information Clearinghouse
Naval Research Laboratory, Center for Corrosion Science and Engineering, Ballast Water Treatment System Test and Evaluation Facility
Interagency Ballast Water Working Group (EPA, NOAA, DOD, DOJ, DOS, DOT, USCG)
Interagency Antifoulants Convention Working Group
National Invasive Species Council
National Aquatic Nuisance Species Task Force (NOAA, DOI, DOD, EPA, USCG)
NOAA Great Lakes Environmental Research Laboratory, NOBOB Research Program
Singapore Institute of Environmental Science and Engineering, MOA on ANS Research and Development
Cooperating Agency with EPA, NOAA and USFWS for Environmental Compliance

**Assignment Description.**

Estimated Fellow Travel, Out-of-Office: (Select one option, mark with X)

0 days / month	
1-3 days / month	X
4-7 days / month	
8-10 days / month	
> 2 weeks / month	

Estimated DC-Area Travel: (Select one option, mark with X)

0 days / month	
1-3 days / month	
4-7 days / month	X
8-10 days / month	
> 2 weeks / month	

Does this position require mandatory skills: (Select one option, mark with X)

Yes	X
No	

If yes, please list. (e.g. SCUBA certification, Spanish fluency, etc.).

Strong academic training in environmental science, and/or environmental engineering (marine and freshwater background desired but not required)
Strong academic background in environmental policy (marine environmental policy background desired but not required)

Desired Background Skills: Please list. (e.g. strong written / communication skills, knowledge of Microsoft PowerPoint software, etc.).

Strong written / verbal communication skills
Knowledge of Microsoft Office programs, including PowerPoint, Word, and Excel
Able to work on assignments with minimal immediate supervision

In 300 words or less, please describe the tasks, duties, or projects the fellow will undertake, the skills a fellow will gain, and the deliverables a fellow can expect to produce from completing these tasks.

The fellow will be incorporated into the Division’s efforts to develop national guidelines and regulations to reduce and prevent the introduction of nonindigenous aquatic organisms via the operational activities of ships. In addition, the Division is also involved in all aspects of the federal rule-making process, including the requirements of the National Environmental Policy Act (NEPA); and manages several research and development programs. Depending on background, the fellow could be involved with:

- Technical writing for regulations, policies, and guidelines. The fellow may work with technical experts from both within the U.S. Coast Guard and from other federal agencies to draft clear and effective language for regulations and guidelines.
- Coordination of multidisciplinary research and development projects that support the implementation of ballast water management regulations. The fellow may work with researchers from federal agencies, academic institutions, and the private sector to insure that projects supporting the U.S. Coast Guard’s ANS regulatory programs remain on track and coordinated.
- Coordination of federal agencies for concurrence with environmental laws (NEPA, ESA, CZMA). The fellow may assist in the development and review of environmental impact assessments, biological assessments, and consistency determinations.
- Coordination of formal U.S. positions on environmental issues negotiated at the IMO Marine Environment Protection Committee. The fellow will assist in coordinating the development, through an interagency working group, of the U.S. positions on various critical aspects of international agreements negotiated at the IMO.
- Outreach and education strategies on the requirements of regulations. The fellow may work with both field and Headquarters units of the U.S. Coast Guard and sectors of the regulated industry to develop effective educational mechanisms and tools.