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

Office Name: **NOAA Fisheries Office of Science and Technology**

Position Title: Knauss Fellow

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

1-5	
6-10	
> 10	**X**

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

Yes	**X**
No	

If yes, how many? 6

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

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

Yes	**X**
No	

NOAA Fisheries Mission Statement: Stewardship of living marine resources for the benefit of the Nation through their science-based conservation and management and promotion of the health of their environment.

Organizational Overview

The National Marine Fisheries Service (NMFS) is part of the National Oceanic and Atmospheric Administration (NOAA) within the Department of Commerce. The Office of Science and Technology is part of NMFS and is composed of a Directorate and five Divisions: (1) Assessment and Monitoring; (2) Fisheries Statistics; (3) Economics and Social Analysis; (4) Science Information; and (5) Marine Ecosystems.

Brief Overview of Your Office's work: The Office of Science & Technology strives to maintain and improve the integrity of NOAA Fisheries science enterprise. The Office is the primary interface between NOAA Fisheries scientific activity and NOAA, other agencies, and international organizations.

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

Interact/partner with other NMFS HQ Offices, Regional Offices and Science Centers
Interact/partner with other NOAA Lines Offices
Interact/partner with other state, federal, and international organizations
Interact/partner with academic institutions

Assignment Description.
The Fellow may select from any one of the **(3)** tasks below –each of the 3 tasks is housed in a different Division within the Office of Science and Technology:

TASK (1): Ecosystem Approaches Coordinator
There are several possible projects under this task available for a Fellow to gain experience in science policy and program development, and NOAA-wide coordination of environmental observing systems. In coordination with the **Marine Ecosystems** Division Chief and staff, the Fellow may be responsible for one of the following projects, or a combination of them, depending upon the Fellow's interests, skills, and academic obligations.

SCIENCE POLICY DEVELOPMENT – ECOSYSTEM APPROACHES TO FISHERIES MANAGEMENT
- Develop and promote new science approaches that more fully incorporate oceanographic and climatic information into the survey and assessment of living marine resources.
- Develop and promote ecosystem approaches to living marine resource management that take account of ecosystem knowledge and uncertainties, consider multiple external influences, and strive to balance diverse social objectives.

PROGRAM PLANNING AND COORDINATION
- Participate in NOAA's strategic planning and budgeting processes to grow and develop the agency's fisheries oceanography, advanced sampling technology, and climate programs.

ECOLOGICAL OBSERVING SYSTEMS
- Coordinate NOAA Fisheries' participation in national (Integrated Ocean Observing System; IOOS) and international (Global Earth Observing System of Systems; GEOSS) observing system efforts.
- Support efforts to expand the temporal and spatial coverage of NMFS observing systems.

TASK (2): Ocean Issues Coordinator/ Our Living Oceans Editor
Under this task, the Sea Grant fellow would work with the **Assessment and Monitoring** and **Marine Ecosystems** Division Chiefs as well as the **NOAA Fisheries Director of Scientific Programs** to lead and coordinate activities on these four projects.

NATIONAL OCEAN RESEARCH LEADERSHIP COUNCIL (NORLC)/NATIONAL OCEANOGRAPHIC PARTNERSHIP PROGRAM (NOPP)
- The NORLC is composed of the leaders of the federal ocean agencies and sets high-level policy to strengthen ocean research through multi-agency collaboration.

- The NOPP Interagency Working Group (IWG), which is chaired by the NOAA Fisheries Director of Scientific Programs, supports the NORLC and implements NORLC policies. It meets monthly to develop policy options for the NORLC and fund multi-agency research projects through Broad Agency Announcements. http://www.coreocean.org/Dev2Go.web?Anchor=nopp_home_page&rnd=14945)

NOAA OCEAN COUNCIL
- The NOAA Ocean council is the principal advisory body to the NOAA Administrator and focal point for the agency's ocean activities. It coordinates ocean activities across NOAA, proposes priorities and investment strategies of ocean-related initiatives,

identifies ocean and coastal programs that might benefit most from integration, and coordinates NOAA participation in NOPP.

INTEGRATED OCEAN OBSERVING SYSTEM

- The Integrated Ocean Observing System (IOOS) will be the USA's 21st century ocean observing system. Physical, climatic, and ecological data will be integrated through the IOOS to provide the scientific data needed to conduct state-of-the art research and to meet the increasingly complex information needs for coastal and ocean management. The IOOS is the U.S. contribution to the Global Ocean Observing System and the Global Earth Observing System of Systems. IOOS planning is conducted by Ocean.US http://www.ocean.us/

OCEAN EXPLORATION/CENSUS OF MARINE LIFE (CoML)

- Ocean Exploration is NOAA's program for discovery in the world's oceans, with numerous projects on new environments, new forms of life, new technologies, and cultural resources, such as historical shipwrecks http://oceanexplorer.noaa.gov/. The CoML is a 10-year international research program to explain the diversity, distribution, abundance, and functional relationships of life in the oceans in the past, present, and future (See http://www.coml.org/coml.htm). NOAA is a leading U.S. participant in the CoML, primarily through the Ocean Exploration program and the NOAA Fisheries Office of Science and Technology, but there are many other participants in the U.S. and from overseas.

OUR LIVING OCEANS: REPORT ON THE STATUS OF U.S. LIVING MARINE RESOURCES

- This document represents a report card on the state of the U.S. living marine resources covering five large geographical areas of the United States: Northeast, Southeast (including the Gulf of Mexico and the Caribbean), Alaska, Pacific coast, and the far western Pacific oceanic waters. The project assignment includes contributing to the final phases of development of the sixth edition of this report and the transition of future releases of this document in an online format. The Fellow would coordinate with a team of regional authors from each of the NMFS Science Centers as well as with the Scientific Publications Office in Seattle, WA. Potential domestic travel opportunities exist under this project.

TASK (3): Fisheries Information System Program Management Assistant

Under this task, the Fellow would work with the **Science Information** Division Chief and FIS management to support and coordinate the FIS program; assisting the program manager on finalizing the detailed program management plan; working with the program management and the Professional Specialty Group (PSG) members to develop a draft program requirement document; and developing an overall program and data management guidance and policy documentation. Travel to regional and center offices may be involved to this job.

FISHERIES INFORMATION SYSTEM (FIS)

- FIS provides a context for the design, development, and implementation of data collection and data management for fishery dependent statistics nationwide to improve the timeliness and accuracy of data. FIS is a portal that identifies the existing federal and state fisheries information systems or databases (data collections) and provides integrated business solutions for effective information sharing. FIS supports fisheries management

decisions by developing a virtual application environment and providing integrated business solutions and data sources in web browser interface.

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

0 days / month	
1-3 days / month	
4-7 days / month	
8-10 days / month	
> 2 weeks / month	
(Variable)	**X**

Estimated DC-Area Travel: (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	

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

Yes	
No	**X**

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

Ability to communicate technical and scientific material to a variety of audiences concisely, in person and/or in writing.
The candidate's interest, motivation and ability to adapt to and participate in a broad suite of activities are more important than a particular educational track. However, the more relevant disciplines include fisheries biology, oceanography, or marine policy.

This position is designed to offer a Fellow with a diverse mix of assignments with broad intra/inter-agency exposure. The Fellow can expect to gain enhanced writing, coordination, planning, and problem solving skills.