

SUMMER 2010



COASTAL & MARINE POLICY INTERNS



ANNOUNCEMENT

Virginia and Maryland Sea Grant programs are pleased to announce the availability of two paid, 12-week summer graduate internships in coastal and marine policy (\$7,500). Interns with science, policy, and/or legal backgrounds will support research to map the institutional landscape and regulatory jurisdiction for ecosystem-based fisheries management in the Chesapeake Bay, applying social science methodologies to assess the degree of communication, coordination, and integration across local, state, and federal scales. A cover letter, resume, contact information for three references, and a small writing sample should be submitted to Troy Hartley, [thartley@vims.edu](mailto:thartley@vims.edu) by *April 26, 2010*.

**Project Background:** Ecosystem-based management is emerging as a new paradigm in the Chesapeake Bay. Among the many challenges to implementation of accepted policy goals and objectives is the complexity of a jurisdictional and regulatory landscape that extends across federal, state and local boundaries. Since 2008, Maryland Sea Grant (MDSG), in coordination with over eighty state and federal agency partners and research institutions, including Virginia Sea Grant (VASG) has been facilitating the development and adoption of a new operational approach for ecosystem-based fisheries management (EBFM) in the Chesapeake Bay ([www.mdsg.umd.edu/programs/policy/ebfm/](http://www.mdsg.umd.edu/programs/policy/ebfm/)). With funding from the U.S. EPA's Chesapeake Bay Program and support from the NOAA Fisheries' Chesapeake Bay Office, the EBFM project will lead to the adoption of fishery management plans (FMPs) that move beyond single species FMPs to consider the interconnections between five key species (striped bass, menhaden, American shad, blue crab, and oyster), their physical and living environments, and human influences. This approach engages Bay managers, scientists, watermen, and others in developing ecosystem-based FMPs for the Chesapeake Bay and has established species teams that are developing background synthesis of the biological understanding for each species, and issues briefs on the major ecosystem interconnections and needs. Based upon the work of the species teams, four Quantitative Ecosystem Teams (QETs) are addressing habitat suitability, stock assessment, socioeconomics, and food web issues, respectively, clarifying interdependences and opportunities for extending management actions into the watershed (i.e., crossing federal-state-local government scales).

The socioeconomic QET, for example, has identified the need to map the regulatory landscape and governance of coastal and marine resources in Maryland and Virginia as an essential step toward developing and implementing ecosystem-based planning and enabling integrated, coordinated governance across local-state-federal scales. The interns will support a research effort to conduct institutional and regulatory analysis.

**Interns:** Two graduate summer interns will work at the Virginia Sea Grant offices, located in Gloucester Point, Virginia, at the Virginia Institute of Marine Science, The College of William & Mary. The interns will be directed by the Virginia Sea Grant Director and supported by an advisory committee with legal, policy, and socioeconomic expertise. They will: 1) catalogue and map the regulatory and institutional landscape across federal-state-local scales in particular geographic locations of importance to EBFM within the Chesapeake Bay; 2) conduct preliminary analysis of the federal-state-local government coordination in these geographic locations using

network analysis methods; and 3) working with a research team to generate governance performance measures for use and further testing in the EBFM initiative that assess the effectiveness of integrated, coordinated management operations across federal-state-local scales. The 12-week, full-time internship will pay \$15.62/hour (\$7,500 total).

**Qualifications:** Graduate students with science, policy, and/or legal backgrounds, strong research, analytical, and communication skills, ability to take initiative and work with others, including communication with multiple stakeholders.

**Submit:** Please submit a:

- Cover letter, including a statement of how the internship might contribute to the candidate's academic and professional interests and goals.
- Resume,
- Names and contact information for three references, and
- Short writing sample.

We prefer an emailed PDF application. Applications should be sent to:

Troy Hartley, Ph.D.  
Virginia Sea Grant Director  
Virginia Institute of Marine Science  
P.O. Box 1346  
Gloucester Point, VA 23062.

Fax 804-684-7269.  
Email [thartley@vims.edu](mailto:thartley@vims.edu).

**Due date: April 26, 2009.** Phone interviews may be necessary and would be scheduled in early to mid-May.

Please direct inquiries to Troy Hartley, [thartley@vims.edu](mailto:thartley@vims.edu)