



**Communications and Habitat/Fisheries Assessment Intern**  
Chesapeake Research Consortium-NOAA Chesapeake Bay Office

**Project Description**

The Chesapeake Research Consortium and the NOAA Chesapeake Bay Office (NCBO) seek a summer intern for late May through late August (12 weeks) to assist with communications efforts and field work on living resources. Since its creation in 1992, NCBO has supported the Chesapeake Bay Program by providing science, service, and stewardship of the natural resources of the Bay. Our scientists conduct regular sampling of fish populations and their habitat in the Bay watershed to better understand the delicate balance and health of this vital ecosystem. This research has resulted in the accumulation of spatially referenced habitat characterizations and a vast number of digital images representing the diverse flora and fauna of the Bay.

The intern will support both the Office's communications and habitat assessment/fisheries priorities. To more effectively communicate about the Bay's natural resources, the Office is looking to implement an efficient system for organizing these images, which will then be used in a variety of visual media, including exhibits, publications, and Internet. The intern will be responsible for reviewing the Office's digital images, selecting outstanding photographs that represent a spectrum of Office activities, and organizing a photo library of these photographs. A significant amount of time will also be spent sampling and documenting fish populations in Chesapeake Bay tributaries.

**Opportunities**

This internship provides a unique opportunity to contribute to large-scale, long-term ecological research critical to understanding Chesapeake Bay living resources. The intern will gain valuable experience in field techniques for sampling a variety of fish and invertebrate species. These experiences will provide a strong background in conservation biology, ichthyology, ecology, hydrology, and chemistry. The intern will also provide an opportunity to gain proficiency with an online, data-management site, while expanding knowledge of Bay flora and fauna.

**Deliverables**

- ✓ Review existing NCBO photo library, and select outstanding photographic images
- ✓ Identify and enter approximately 200 digital images from NCBO's extensive library into a searchable data-management site
- ✓ Sample macrofauna populations and characterize aquatic habitats of the Chesapeake Bay
- ✓ Enter data from sampling efforts into the database

**Requirements**

- ✓ Willingness to engage in physically demanding work, typically taking place outdoors on a boat
- ✓ Knowledge of and/or comfort in using reference sources on flora and fauna of Chesapeake Bay
- ✓ Experience in Web-based research
- ✓ Experience in data management and analysis a plus
- ✓ Motivated self-starter with ability to work and reason independently

The Intern will work at NCBO in Annapolis, MD; access to computers, copiers, and phone services for the position will be provided. The person must be a US citizen and will be reimbursed at the end of each month, for a total of up to \$3820 for the equivalent of twelve weeks of full time activities (480 hours). Some hours will be variable due to the nature of field work. Candidate should be flexible as plans may change due to weather. No benefits or vacation reimbursements will be provided.

Please submit a short cover letter, resumé, and two references (phone numbers and e-mails) to Dave Jasinski at Dave Jasinski , 1801 Holly View Dr., Gloucester Point, VA 23062 or through e-mailing [djasinsk@gmail.com](mailto:djasinsk@gmail.com) by March 13, 2009.