

**OFFICE OF WATER
U.S. ENVIRONMENTAL PROTECTION AGENCY
INTERNSHIP PROGRAM OPPORTUNITIES
Washington, D.C.**

Project # EPA Water 2004-17

Project Description: The Oceans and Coastal Protection Division (OCPD) is one of three divisions in EPA's Office of Wetlands, Oceans and Watersheds. The intern will be trained in OCPD's the Coastal Management Branch (CMB). CMB is responsible for the National Estuary Program, as well as policy development; science support; outreach and strategy development in a diverse range of areas affecting Coastal Watersheds, such as integrating Smart Growth principles into EPA's other water program areas (e.g., nonpoint source controls, storm water management, and water quality standards); working with other levels of government (state/tribal/local) to build partnerships to better protect, manage and restore coastal resources; encouraging the inclusion of ocean and coastal issues/concerns into broad-scale watershed management planning; and legislative support.

Specific Tasks: The intern will be involved in the activities of the Office of Water's Smart Growth Team. Activities will include the development of outreach and education materials relating to Smart Growth and Water Resources. The intern will learn about the implications of land use decisions on water quality and the protection of water resources through watershed-based planning processes and GIS Decision Support Tools. The intern will also learn the theory and application of the Clean Water Act and how Clean Water Act programs intersect with Growth and Development decisions. This will include a special focus on Section 320 of the Clean Water Act, how the National Estuary Program (NEP) functions, and how individual NEPs have promoted the protection of coastal resources through Smart Growth initiatives. Finally, the intern will interact with a variety of EPA Regional staff and personnel from NOAA and other federal agencies to further develop partnerships and programs promoting better land use decisions to protect or restore water resources. The intern will be involved in the development of training materials relating to land use and watershed management issues, including the development of a growth and water resources on-line Watershed Academy module, increasing the accessibility of web-based resources and tools for land use decision-makers on the Office of Water's websites, and creating or updating related outreach and education materials. This will also involve coordination with organizations such as the Center for Watershed Protection, the Trust for Public Land, the Urban Land Institute, the National Organization of Counties, The International City/County Management Association, River Network, and other NGO's working on related issues.

Expected Results: This internship will provide excellent exposure to a broad range of environmental and policy issues surrounding land use, watershed management, coastal protection, and GIS resources and tools. The intern will have the opportunity to learn and participate in the education, outreach, and partnership activities related to EPA's water programs. Through this internship, the intern will have a better understanding of how EPA

implements a variety of regulatory and non-regulatory programs and the linkages between EPA's programs, state and local land use decisions, and the functions and values of water resources.

Intern Qualifications and Skills: The applicant should have a graduate degree in a related field. The intern should have knowledge of smart growth, coastal ecosystems and related regulatory programs. Experience with GIS programs is highly desirable. Familiarity with HTML, web page development, and/or Adobe PageMaker is preferred. This internship requires technical and policy analysis skills. The intern must have excellent oral and written communication skills and the ability to perform under tight deadlines and on multiple projects.

Stipend and Tenure: The appointment will initially be for full-time for a one year period and may be renewed for up to two additional years depending on funding. The annual stipend will range from \$45,000-\$55,000 depending on experience.

The EPA contact person for this project is Darrell Brown. His e-mail is brown.darrell@epa.gov
The mentor is Jamal Kadri. His e-mail is kadri.jamal@epa.gov.

The Internship Program for EPA Water is administered by the Oak Ridge Institute for Science and Education. Please reference Project # EPA Water 2004-17 when calling or writing for information. For additional information and application material contact: Internship Program – EPA Water, Attn: Betty Bowling, Science and Engineering Education – MS 36, Oak Ridge Institute for Science and Education, P.O. Box 117, Oak Ridge, Tennessee 37831 Phone: (865) 576-8503 Fax: (865) 241-5219 e-mail: bowlingb@ornl.gov.

Sam Bryant serves as the EPA Office of Water internship program coordinator. His email address is bryant.samuel@epa.gov.

An application can be found at <http://www.ornl.gov/orise/edu/EPA/app-gugrgpd.pdf>