

**Internship Program Opportunities
U.S. Environmental Protection Agency
Office of Water
Washington, D.C.**

Project # EPA Water 2009-138

***Green Infrastructure/Low Impact Development/Sustainable
Infrastructure/Stormwater Internship***

An internship project is available in the Office of Wetlands, Oceans and Watersheds (OWOW) at the U.S. Environmental Protection Agency's (EPA) Office of Water in Washington, DC.

Project Description: The Assessment, Watershed and Protection Division (AWPD) is one of three divisions in OWOW. The intern will receive training and other learning opportunities in the Nonpoint Source Control Branch (NPS). The NPS branch is responsible for managing the Clean Water Act (CWA) Section 319 program and managing all aspects of runoff that are not designated as point sources under the CWA. Topical areas managed under the NPS branch include the following: Healthy Watershed Initiative, Agriculture, Forestry, Urban Runoff, Integrated Water Resource Management, Grants, Watershed Protection, Coastal Zone Management and Low Impact Development.

Areas of potential focus for the intern may include: integrated watershed management, watershed sensitive planning and design, low impact development (LID) approaches, stormwater program and policy development, green infrastructure, stormwater cost benefit and life cycle analyses, rainwater harvesting and use programs and policies and sustainable water resource management practices. The intern may also be involved in the implementation of the Office of Water's Green Infrastructure Strategy (<http://www.epa.gov/greeninfrastructure>).

Specific Tasks: The intern will be mentored by an OWOW staff scientist who is a member of an EPA team that is involved in the areas of development of policy recommendations and research on urban runoff approaches, policies and practices and more specifically the collection and dissemination of information on the performance, maintenance, costs and implementation of green infrastructure/LID practices. Such practices include: rainwater harvesting, green roofs, bioretention/raingardens, urban forestry, green streets and permeable pavements and soil amendments. The intern could also learn about coordinating partnerships with state and municipal governments, private industry, nongovernmental organizations and other federal agencies, developing materials and case studies on smart development practices to protect water resources, research recommendations and the development of outreach materials such as fact sheets, whitepapers and PowerPoint presentations.

Expected Results: It is expected that the internship will have the following outcomes: 1) the intern will develop experience, skills and understanding about green infrastructure and low impact development strategies and practices and a better understanding of the policies, politics and technical and administrative issues associated with developing and implementing a government program; and 2) the intern will help to advance EPA's position regarding the understanding and adoption of green infrastructure/low impact development and sustainable water resource

management.

Intern Qualifications and Skills: The applicant should have received a master's degree within four years of the desired starting date, or completion of all requirements for the degree should be expected prior to the starting date in a related field.

The program is open to all qualified individuals without regard to race, sex, religion, color, age, physical or mental disability, national origin, or status as a Vietnam era or disabled veteran. U.S. citizenship or lawful permanent resident status is preferred (but can also hold an appropriate visa status, however, an H1B visa is not appropriate). The intern must show proof of health and medical insurance. **The intern does not become an EPA employee.**

Stipend and Length of Appointment: The appointment will initially be full-time for a one year and may be renewed for up to two additional years depending on funding. The annual stipend will range from \$50,000-\$55,000 depending on experience. Housing, transportation, and relocation costs will not be paid by the Agency. The intern does not become an EPA employee.

The mentor for this project is Robert Goo. He may be contacted at goo.robert@epa.gov or at 202-566-1201.

The Internship Program for EPA Water is administered by the Oak Ridge Institute for Science and Education. Please reference Project # EPA Water 2009-138 when calling or writing for information. For additional information and application material contact: Internship Program - EPA Water, Attn: Betty Bowling - 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: betty.bowling@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>.