

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

Project # EPA Water 2009-139

Stormwater Management

An internship project is available at the U.S. Environmental Protection Agency's (EPA) Office of Wastewater Management (OWM), Water Permits Division in Washington, DC.

About the Program: EPA partners with authorized states and tribes to manage water quality programs to protect and restore the environment health of the nation's waters.

In 1972, Congress created the Clean Water Act (CWA) to address serious pollution problems affecting the nation's rivers, lakes and coastal waters. The central objective of the Act is to "restore and maintain the chemical, physical and biological integrity of the nation's waters." The CWA is a comprehensive set of programs and requirements designed to address the complex problems caused by a wide variety of pollution sources.

In 1987, the Congress amended the CWA. These amendments required EPA to regulate certain stormwater discharges as point sources. In response, EPA has issued stormwater regulations that require large, medium, and some small municipalities to obtain permit coverage under the National Pollutant Discharge Elimination Program. These permittees must comply with the provisions of the permits that are designed to protect receiving waters from the harmful effects of stormwater discharge.

Since the regulations were promulgated, EPA has been providing guidance, tools, and technical assistance to help permitting agencies write the permits and to help permittees understand and comply with the permit provisions. EPA has kept abreast of the advances in technology to manage stormwater and has held numerous workshops and webcasts to train states and the regulated community.

In October, 2008, EPA received a report from the National Research Council that presented their findings about the state of the stormwater program and their recommendations for strengthening the program. EPA has been evaluating this report in order to decide which recommendations to pursue. Several of the recommendations pertain to the need to better control stormwater flow to protect the receiving stream.

Project Description: OWM is seeking an individual who is interested in being trained to support efforts to implement the national stormwater program regulations and initiatives, and to assist with evaluating and implementing ways to strengthen the program.

Specific Tasks: The intern will be mentored by an EPA staff member and will become part of an EPA team involved with the stormwater program, ongoing initiatives, and the National Research Council Report. In cooperation with other team members, the intern may be involved in

conducting analyses of data used to evaluate the implications of different strategies for improving the program. This would require some knowledge of stormwater control techniques. In addition to data analysis, the intern will prepare reports summarizing the findings. The intern could also be involved in a variety of activities to implement the current stormwater program. This may include assisting other team members with with organizing and conducting workshops, preparing guidance, reports, and bulletins, and reviewing models and the effectiveness of different stormwater technologies.

Expected Results: The intern will gain an in depth knowledge of all aspects of EPA's stormwater program and an appreciation of the challenges that regions and states face in implementing the program. In addition, the intern's contributions will help to improve EPA's efforts to strengthen the stormwater program.

Intern Qualifications and Skills: Applicants should have received a bachelor's or a master's degree in environmental science, engineering, biology, or related areas, and should demonstrate an interest in water quality, stormwater management, watershed protection, and/or public administration within four years of the desired starting date. Applicants must possess good writing and analytical skills, be creative and technology savvy, and have the ability to perform in a fast-paced, team environment. In addition, the candidate should have experience with the MS Office Suite of applications and comfort with a wide variety of office computer applications, including word processing, spreadsheets, and presentation graphics.

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 is for one year and may be extended up to three years. The annual stipend will range from \$43,000 to \$48,000 depending on educational level and experience. Housing, transportation or relocation costs will not be paid by EPA.

The EPA mentor for this project is Greg Schaner. He can be reached at (202) 564-1867 or at schaner.greg@epa.gov in the EPA Office of Water, Office of Wastewater Management, Water Permits Division. The internship location is at the EPA East Building, 1201 Constitution Avenue, NW, Washington, D.C. 20004.

The Internship Program for EPA Water is administered by the Oak Ridge Institute for Science and Education. Please reference Project # EPA Water 2009-139 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>.