



Ecosystem Management & Associates, Inc.
Ship Point Business Park
13325 Rousby Hall Road
Lusby, MD 20657

Environmental Laboratory Technician:
Internship Position Description

Ecosystem Management & Associates, Inc. (EM&A) is seeking a qualified individual to fill an Environmental Laboratory Technician internship. Specific duties will involve:

- **Performing general laboratory technician duties:** clean glassware; set up experiments following written protocols; label vials; inventory equipment and supplies; and place orders with scientific vendors.
- **Maintaining aquatic phytoplankton and zooplankton cultures:** feed aquatic animals; conduct routine water changes; monitor growth of cultures; collect seawater from the facility pier; transport seawater from pier to building and filter; analyze and adjust seawater salinities.
- **Assisting with conductance of aquatic toxicity tests:** record data and laboratory activities; collect water samples for chemical analysis; prepare test chambers for experiments; count and observe test animal behavior; conduct water sample analysis (pH, dissolved oxygen, temperature, salinity); assist with conducting UV/VIS spec analysis of water samples.

Initial work in Summer of 2010 may involve periodic shipboard research work in the Gulf of Mexico. Applicant must be willing to travel up to 40% time during June through August 2010.

NOTE: This position requires some strenuous physical activity and will involve some outdoor activities, including using handcarts to move large water containers (weighing up to 100 lbs) around the facility, working on a deep-water pier and using water filtration systems. The candidate must be comfortable working around the water, and can expect to occasionally get wet during the work day.

Detailed Position Requirements

Position Title: Laboratory Technician Intern

Position Term: May 21, 2010 through August 31, 2010

Potential exists for continued employment and/or advancement after 31 August 2010.

Position Location: EM&A office/laboratory in Lusby, Maryland and shipboard laboratory in the Gulf of Mexico

Position Announcement Date: 10 May 2010

Salary Range: \$2916.66 to \$3083.33 per month, depending on experience

Required Education/Skills:

- BS in Environmental Science, Biology, Chemistry, Ecology or related science;
- Basic understanding of standard laboratory procedures;
- Experience working in a laboratory setting;

- Comfort working around deep water and, at times, on research vessels; and
- Ability to work independently and characterized as highly self-motivated.

Additional “Preferred Skills”:

- Knowledge of Good Laboratory Practices;
- Knowledge of OSHA guidelines and regulations; and
- Basic understanding of aqua-culturing methods.
- Basic familiarity with aquatic ecotoxicology literature.

Application Process

Candidate must be able to begin employment no later than 27 May 2010. EM&A offers our employees and interns competitive salaries; flex-time; cost-sharing of health and dental premiums; retirement benefits; and a relaxed and supportive work environment. Resumes and cover letter are due by 20 May 2010. Mail response to address provided above, or email to a.kriner@ecosystem-management.net. For further information, please contact Ms Anita Kriner, Director of Administration and Finance, at 410-394-2929.