

Analytical Chemist Lab Manager at the University of Michigan Biological Station

The [University of Michigan Biological Station](#) (UMBS) seeks to hire a year round Analytical Chemist to manage a full-service analytical chemistry laboratory facility at our Douglas Lake facility in Pellston, Michigan. The UMBS, established in 1909, is one of the oldest, continuously running research field stations in the country. It offers 15-20 credit bearing courses annually, fosters undergraduate and graduate student research, and hosts interdisciplinary research on biosphere-climate interactions, biodiversity, field ecology and organismal biology.

The Analytical Chemist Lab Manager plays an important role within the Biological Station community by providing year-round quality analyses and advice and ensuring the safety of the analytical laboratory for hundreds of students enrolled in courses, graduate students and researchers each year.

Responsibilities

Provide analytical support for on-site students, faculty and researchers. Sample matrices include soils, plants, water and animal tissue. Provide critical evaluation of methods and implement new methods as needed. Prepare and run samples and standards following established protocols. Manage quality control records of all laboratory procedures. Ensure all analytical instrumentation is functioning properly and repair as needed.

Serve as an advisor and consultant to students and research community regarding experimental design, sample collection and chemical analysis. Collaborate with UMBS investigators to design and conduct research projects. Train students to use lab equipment and supervise a summer laboratory assistant.

Work directly with University of Michigan Department of Occupational Safety and Environmental Health (OSEH) to ensure compliance with safety and health inspection of Biological Station laboratory facilities. This annual inspection focuses on operational and personnel safety practices, general safety, waste disposal, training and equipment use. Serve as the designated Chemical Hygiene Officer (CHO) for the unit. Manage and document the safety training program for all researchers and students who use the facilities.

Departmental Qualifications

Must have a Bachelor's Degree (Master's preferred) in chemistry or one of the environmental sciences and 1-3 years related experience. A working knowledge of flow type analyzers, combustion analyzers and stable isotope mass specs is required.

Desired Qualifications

The ideal candidate should have strong analytical chemistry skills, patience, be detail oriented, and able to communicate clearly.

How to Apply

Applicants must apply through the UM Jobs website at www.umjobs.org to job posting number **99931** (http://umjobs.org/job_detail/99931/research_lab_specialist_assoc). Please include a cover letter as the first page of your resume. Contact Karie Slavik, UMBS Associate Director with any questions (slavik@umich.edu or 734-763-4462)