David L Nieland

Subject: University of Maine - MS in long-term lake geochemistry and climate

MS Position: linking long-term lake geochemistry with climate change Program in Ecology and Environmental Sciences, University of Maine, Orono, ME

Closing Date: Until Filled
Web Address: https://umaine.edu/ees-graduate/

Description
The University of Maine's program in Ecology and Environmental Sciences (EES) invites applications for a full-time M.S. student beginning in August 2016. The position will be funded as a half time research assistantship plus half time teaching assistantship, with a 12-month stipend that is eligible for annual renewal based on satisfactory progress. A tuition waiver and portion of health insurance are included.

Teaching involves working with EES faculty in introductory-level courses in our undergraduate major. Research will focus on sets of lakes that have been monitored long- term (many since the early 1980s) as part of US EPA's LTM Network (http://www.epa.gov/airmarkets/monitoring-surface-water-chemistry) that is evaluating response of surface waters to changes in atmospheric deposition, and more recently, climate and other anthropogenic change. The successful applicant will work with the existing long-term data, coordinate with climate information, and be responsible for ongoing field sampling for Maine LTM lakes, with opportunities to expand data collection based on student interests.

Qualifications
To be eligible for consideration, students must be accepted to Ecology and Environmental Sciences program at the University of Maine as a full-time student, with approval of the UMaine PI, Dr. Sarah Nelson. Students should have an excellent academic record including ecology, limnology and/or geochemistry, strong statistical training, and interest in and ability to perform fieldwork, often at remote sites.

How to Apply
Interested candidates should review the application procedure described on the EES Web page: https://umaine.edu/ees-graduate/application-process/. Contact Dr. Nelson, the faculty advisor for this position, to discuss your academic and professional background and research interests at sarah.j.nelson@maine.edu.