

Post-doctoral research to assess effects of environmental change on lake chemistry

With The University of Wisconsin - Madison and the USDA Forest Service Northern Research Station

We are seeking applications for a post-doctoral research associate. The project is a joint effort between the University of Wisconsin – Madison and the Northern Research Station of the USDA Forest Service. The research will focus on: 1) assessing decadal-scale baseline shifts in lake chemistry in northern Wisconsin, and 2) mechanistic experiments to discern effects of changing atmospheric deposition and climatic variability on lake chemistry.

Responsibilities include:

- Establishment of a productive collaboration with researchers at the Center for Limnology on the University of Wisconsin campus in Madison, WI (advisor Dr. Emily Stanley); at the Forest Service office and laboratory in Grand Rapids, Minnesota (advisors Dr. Stephen Sebestyen and Dr. Randy Kolka); and at the North Temperate Lakes Long Term Ecological Research site in Boulder Junction, WI as well as with resource managers on the Chequamegon-Nicolet and nearby National Forests.
- Participation in field sampling campaigns for a series of study lakes, completing laboratory analyses on water chemistry samples for major solutes, and data processing.
- Designing and conducting studies focused on mechanisms affecting spatial and temporal variation in lake water chemistry
- Leading the preparation of publications for peer-reviewed scientific literature.

Qualifications: Ph.D. in limnology, hydrology, biogeochemistry, geochemistry, ecology, or related fields prior to appointment and experience with field work in aquatic environments. Experience/interest in use of large data sets is desirable. This duration is envisioned to be two years. Salary includes standard benefits of the University of Wisconsin-Madison. The position closes September 1st and could begin as early as October 13th.

For more information on the position contact both Dr. Stephen Sebestyen (<<mailto:ssebestyen@fs.fed.us>> ssebestyen@fs.fed.us) and Dr. Emily Stanley (<<mailto:ehstanley@wisc.edu>> ehstanley@wisc.edu).

Please send letter of application, curriculum vitae, and names of 3 references (with telephone numbers and email addresses) to:

Alyssa Luckey Winters

ajlucy@wisc.edu

Center for Limnology

680 North Park Street

University of Wisconsin

Madison, WI 53706