MASTERS STUDENT OPPORTUNITY

The **Limnology Lab** in the School of Natural Resources at the University of Missouri (MU) is seeking a Masters student interested in cyanobacterial harmful algal blooms (CyanoHABs) on a **year-round** basis.

The research project objective is to determine if CyanoHABs are occurring in the shoulder and winter seasons, and whether or not they are producing toxins during these times. Rapidly changing seasonal physical factors may be facilitating CyanoHABs and associated declines in water quality. Is our “summer centric” approach to monitoring and mitigating CyanoHABs sufficient, or do we need to open up the black box of winter and the shoulder seasons?

The MS student will coordinate a citizen science initiative to train high school students—**Reservoir Observer Student Scientists** (ROSS)—to collect year-round water samples from a variety of lakes and reservoirs to assess the presence and severity of CyanoHABs.

Interested candidates will conduct field work, laboratory analyses, and utilize statistical techniques to analyze their data. The successful applicant will have strong skills in these areas, a collaborative nature, an interest in working with **high school students** and their teachers, and a background and/or interest in limnology, aquatic ecology, and biogeochemistry. Strong writing skills are also desired.

**To apply**, please send: 1) cover letter outlining your background, expertise, and interests, 2) recent CV, and 3) unofficial transcripts to Dr. Rebecca North, email: northr@missouri.edu

Preferred start date is Fall 2018 with an opportunity to start work this summer. For further information on the Water Resources Graduate Emphasis Area in the School of Natural Resources at MU, including application requirements, please visit: https://snr.missouri.edu/graduate-studies/water-resources-graduate-program/

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