



LAKE SCIENCE DIRECTOR

The Lake Winnepesaukee Alliance (LWA) is a nonprofit organization dedicated to preserving the water quality and natural resources of Lake Winnepesaukee and its surrounding watershed. Through science-guided management, education, advocacy, and community engagement, LWA works to ensure the lake remains a cherished resource for generations to come.

The Lake Science Director is a senior leadership role responsible for advancing the science-based efforts of LWA to monitor, protect, and improve the water quality and ecosystem health of Lake Winnepesaukee. This position combines scientific expertise, project management, and community collaboration to support LWA's mission of safeguarding the lake's natural resources.

Key Responsibilities

Scientific Leadership

- Design, implement, and oversee water quality monitoring programs to track key indicators such as nutrient levels, cyanobacteria, invasive species, and other environmental parameters.
- Analyze, manage, and interpret scientific data to identify trends, risks, and areas of improvement for lake health.
- Develop science-based management strategies to mitigate threats, including pollution, stormwater runoff, and habitat degradation.

Program Management

- Coordinate and lead research projects in collaboration with universities, government agencies, and other stakeholders.
- Oversee the development and execution of restoration projects, including shoreline stabilization, habitat enhancement, and stormwater management.
- Prepare technical reports, grant proposals, and program evaluations.

Community Engagement and Education

- Present scientific findings and recommendations to the LWA Board, community members, policymakers, and donors.
- Develop educational programs and materials to inform the public about lake health and best practices for conservation.
- Serve as a spokesperson on environmental issues affecting Lake Winnepesaukee.

Partnership Development

- Build and maintain relationships with local, regional, and state organizations to enhance collaborative efforts.
 - Advocate for science-based policies and practices to support watershed protection.
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Qualifications

Education and Experience

- Master's degree or higher in Environmental Science, Limnology, Ecology, or a related field. Limnology preferred.
- Minimum of 5 years of experience in water quality monitoring, watershed management, or related work.
- Experience with nonprofit organizations, grant writing, and project management preferred.

Skills and Knowledge

- Strong understanding of freshwater ecosystems, water quality management, and related environmental regulations.
 - Proficiency in GIS, statistical analysis software, and water sampling techniques.
 - Excellent communication skills, both written and verbal, with the ability to translate complex scientific concepts for non-technical audiences.
 - Proven leadership and organizational abilities, with a track record of managing multidisciplinary teams and projects.
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Work Environment

- Combination of office, fieldwork, and community engagement activities.
 - Occasional evening or weekend events may be required.
 - Ability to lift up to 40 lbs. and work outdoors in various weather conditions.
 - This position is located in Meredith, NH
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Compensation and Benefits

- Competitive salary commensurate with experience.
 - Benefits package, including health insurance and paid time off.
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How to Apply

Please submit your resume, cover letter, and three professional references to Patricia Tarpey, ptarpey@winnepesaukee.org with the subject line: "Lake Science Director Application."

Applications will be reviewed on a rolling basis until the position is filled.

Lake Winnepesaukee Alliance is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.