



Lake Superior Reserve's Margaret A. Davidson Winter Fellowship Program

This new, short-term fellowship is focused on natural and social science research to support ongoing programs and needs at the Lake Superior National Estuarine Research Reserve, an organization dedicated to research, education, outreach and stewardship on the St. Louis River Estuary in Superior, WI. Winter fellows will assist Reserve staff with new and on-going projects designed to assist habitat conservation, management and restoration efforts, to enhance educational opportunities for students and the public, and to improve the quality of life for people who use and rely on the St. Louis River Estuary. Fellows will gain skills, experiences, and networking opportunities that will help prepare for the next step in their careers, including entering graduate school and professional positions. This opportunity is available to early-career professionals (post-Bachelors, graduate students, and post-Master's & PhD). Mentoring and professional training will be provided by Lake Superior Reserve staff during this opportunity. The fellowship can be applied towards work on a range of topics within the St. Louis River estuary and coastal Lake Superior, including (but not limited to):

- Leading a collaborative estuary-wide winter water quality survey
- Investigating causes of low dissolved oxygen in aquatic environments
- Synthesizing water quality and weather data
- Developing and conducting surveys and citizen science efforts to document invasive plant conditions and extent
- Conducting emerald ash borer infestation surveys
- Cataloging and summarizing habitat change through historic survey and scientific work in the St. Louis River watershed
- Ground-truthing and cross-walking high-resolution GIS habitat maps
- Developing and implementing a survey instrument to identify critical human dimensions data gaps in the region focused on sociocultural, economic, behavioral and wellbeing indicators

Applicants need to have obtained at least a Bachelor's degree before the position starts. Positions will begin in late January or early February 2020, with an anticipated length of 2 – 5 months (depending on hours per week worked). To apply, provide a brief resume/CV and a cover letter by Friday, January 17 to Dustin Haines (dustin.haines@wisc.edu).



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