UNIVERSITY of WISCONSIN
UWMILWAUKEE

New Research Vessel Will Help Protect Great Lakes

PROBLEM	SOLUTION	RESULTS
The Great Lakes – drinking water source for 40 million people, provider of 2 million jobs, and crucial to agriculture, tourism and recreation – are under threat. Extensive research and monitoring is needed to understand and fend off the threats of invasive species, pollution and climate-related issues. Current research vessels are not adequate, especially in the winter.	UWM's Maggi Sue will be a state-of-the-art Great Lakes research vessel. Its next-generation data collection, sailing and navigation capabilities, and research facilities will deliver the science required to combat threats to the Great Lakes. Investing $2,000,000 will fund its winch and propulsion systems, complementing $13,000,000 from UWM and private donors.	The Maggi Sue will spearhead a new era of year-round Great Lakes research, giving our country far better ways to explore, understand and manage the world's most valuable freshwater research. The data it gathers will deliver better forecasting and early warning systems that allow us to strategically address the health of this important ecosystem.

Located on the shores of Lake Michigan, UWM is a national leader in Great Lakes and freshwater research. Its world-class faculty and scientists have delivered results that benefit the region and beyond. A big reason is the Neeskay, UWM's main research vessel, which has facilitated Great Lakes research since 1970. Replacing it with a modern ship is crucial to understanding and protecting our greatest freshwater resources. The Maggi Sue will be the crown jewel of Great Lakes scientific exploration, and be one of the few research vessels to operate on the lakes in winter months.

20%
of global freshwater is contained by the Great Lakes

40 million
number of people who rely on the Great Lakes for drinking water

24
person capacity aboard the Maggi Sue

800
square feet of wet and dry laboratory space

For more information, visit **uwm.edu/governmentrelations**

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