

Water Words from the Executive Director

Happy Holidays!

As 2022 nears the end, we at the Freshwater Collaborative are reflecting on what an exciting year it's been.

Thanks to state legislative funding, we supported 49 new projects that include freshwater courses to amplify water curriculum, field experiences to recruit high school students, the development of multi-institution research programs and enhanced internship pathways that prepare students for the workplace. In this issue of our newsletter, you will read highlights from a few of our programs and the students who have benefitted from them.



Not only are these projects providing hands-on opportunities for students throughout the UW System, but they are also enhancing collaborations among universities, communities and industries. In our new [2019-2022 Projects Report](#), you'll find descriptions of all our grants and a listing of nearly 150 partners who are working with UW System faculty, staff and students on water-related efforts.

We are proud to be cosponsoring an upcoming event that you won't want to miss: [Phosphorus: Lessons from 10+ Years of Numeric Standards for Wisconsin's Waters](#) on Feb. 7, 2023, in Madison. Co-hosted by the Center for Water Policy, this statewide conference will connect academic researchers with professionals working on water issues, agricultural and conservation professionals and agencies, farmers and producers, policymakers, and the public. Early bird registration ends Jan. 8, 2023.

Our [website](#) now offers information about research opportunities and internships for students as well as upcoming collaborative courses and field and lab experiences. We've also launched Freshwater Opportunities, a bulletin to inform UW System faculty and staff about student opportunities.

Please also share this newsletter with colleagues and students and encourage them to sign up for Freshwater Collaborative communications through our website.

We look forward to 2023 and continuing to collaborate with partners across the state, region and beyond to address freshwater challenges and prepare the future workforce.

Best,
Marissa Jablonski

[Read our 2019-2022 Projects Report](#)

[Register for Phosphorus Conference](#)



Spotlight Stories



A Research Network at the Nexus of Water and Agriculture

The Wisconsin Agriculture-Water Nexus Network is introducing undergraduate students to the unique water management issues facing farmers in different regions of the state. Faculty from UW-Green Bay, UW-Madison, UW-Platteville and UW-Stevens Point developed a pilot three-day field trip course—taken by 21 students—that will expand in 2023 to include UW-River Falls and UW-Stout.

[Read more](#)



Student Spotlight: An Nguyen, UW-Stout

An Nguyen says interning gave her a better idea of how real-life research takes place, increased her communication skills and expanded her network. She was one of 22 students from seven UW universities who worked in UW Oshkosh's Environmental Research and Innovation Center or its community embedded labs last summer, analyzing 2,200 water samples for business and community partners.

[Read more](#)



UW-Platteville Student Researchers Support WDNR, Trout Unlimited Conservation Efforts

Nearly half of Wisconsin's native mussels are listed as endangered or threatened. Students from UW-Platteville spent last summer conducting fish, mussel and habitat surveys to help the Harry and Laura Nohr Chapter of Trout Unlimited and the Wisconsin Department of Natural Resources assess their stream restoration efforts.

[Read more](#)

Collaborative-funded Research Published in Conservation

Congratulations to the faculty and undergraduate research teams at UW-Green Bay, UW-Milwaukee and UW-Platteville whose research on edge-of-field treatment systems that may reduce phosphorus loading from agricultural fields was published in *Conservation*. Undergraduates Daniel, Lakich, Camryn Swan and Keenan Leonard were co-authors.

[View Publication](#)



Undergraduate Research and Internship Opportunities

Please share opportunities with students on your campuses. If you would like to submit a research position or internship, email fcw-web@uwm.edu.

- **Immediate Opening for Student Researcher** for Freshwater Collaborative grant. Mostly remote. Open to any UW System student.
- The **LAKES REU program** at UW-Stout is hiring 10 undergraduate researchers for summer 2023. Open to any UW System student. Applications due Feb. 1, 2023.
- The **FreshWater@UW Summer Scholar Research Program** has 31 paid undergraduate research positions at multiple UW System campuses. Application deadline is Feb. 15, 2023.
- **Summer 2023 Lab Assistant Positions** at UW Oshkosh Environmental Research and Innovation Center. Open to any UW System student.
- **Summer 2023 Paid Internships** with Clean Boats Clean Waters

[View Position Openings](#)



Undergraduate Courses and Lab and Field Experiences

Please share opportunities with students on your campuses.

- **Winterim 2023: Principles of Freshwater Informatics**, in person at UW-Parkside with virtual option. Open to any UW System student.
- **Spring 2023: The Mississippi River: Mighty and Managed**, in person at UW-La Crosse and UW-Platteville.
- **Spring 2023: Sustainable Tourism Development**, fully online through UW-La Crosse. Open to any UW System student.
- **Summer 2023 Study Abroad: Research Experience in Bacalar, Mexico**. Offered through UW-Milwaukee. Open to any UW System student with credit and non-credit options. Applications accepted on a rolling basis until February 1, 2023.

[View Course Options](#)



Events on the Horizon

- Feb. 7: [Phosphorus: Lessons Learned from 10+ Years of Numeric Standards for Wisconsin's Waters](#) (Early Bird Registration Ends Jan. 8!)
- March 8: [Research in the Rotunda](#)



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