



16th Annual Watershed Symposium

March 16, 2023

UW-Green Bay Phoenix Rooms

Agenda

2023 Watershed Symposium

8:00 Registration (Outside Phoenix Room B)

Visit the *Flow Project* table

8:45 Keynote Speakers and Research

Presentations

UW-GB Welcome— **Dean John Katers**

Freshwater Collaborative —**Marissa Jablonski**

Emily Tyner—“Establishing a Bay of Green Bay National Estuarine Research Reserve (NERR): Updates on the designation and future opportunities”

Titus Seilheimer- “In hot water: How can habitat restoration help fish to be more resilient in a changing climate?”

Brandon Byrne-“Assessing the Diets of Cormorants and Pelicans in Lower Green Bay”

Tricia Garrison and Jeff Smudde- “Watershed Conservation & Stewardship: NEW Water”

Anna Qualls-“Getting My Feet Wet as an Intern”

Greg Neuschaefer-“Why I sponsor a water monitoring team for LFRWMP”

10:00 Break

10:10 Teacher Presentations

Dana Lex, -“Preparing to Do Water Monitoring With My Students” **Ashwaubenon Creek Team**

“Understanding Water Chemistry”

Waupaca River Team-Weyauwega-Fremont High School
Teacher-Lynn Ponto

“An Overview of Abnormalities at Duck Creek”

Duck Creek Team – Green Bay Southwest and Green Bay West High School, Green Bay
Teachers – Stephanie Schlicht and Elona Winslow

“Observing the Fox”

Fox River Team -Aldo Leopold Community School
Teacher-Mark Valentine

“Getting to Know the Pigeon River and Potential Conservation Area”

Pigeon River Team – Etude High School, Sheboygan
Teacher – Chris Campbell

“How to Improve Apple Creek Watershed” (poster)

Apple Creek Team -Appleton East High School
Teacher-Ryan Marx

11:45 Student Lunch (Phoenix Rooms B&C)

Afternoon Sessions

12:45 STEM building tour (Group 1) Quiz Bowl (Group 2)

1:20 Quiz Bowl (Group 1) STEM building tour (Group 2)

2:00 Dismissal

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Guest Speakers

Emily Tyner, UWGB Director of Freshwater Strategy

“Establishing a Bay of Green Bay National Estuarine Research Reserve (NERR): Updates on the designation and future opportunities”

Emily Tyner is the UWGB Director of Freshwater Strategy and the State Lead on the NERR designation. Bringing a research reserve to Green Bay is an exciting opportunity for the region. Emily will explain what it will mean for the bay of Green Bay to have this designation and discuss the K-12 education and research opportunities that come with designation.



Greg Neuschaefter Sponsor, Weyauwega-Fremont Team

“Why I sponsor a water monitoring team for LFRWMP”

US Navy Oceanographer (retired)
2022 UW-Green Bay Distinguished Alumni
ScienceMONTGOMERY - Board of Directors
Chesapeake Bay Oyster Farm Experiment — Consultant
STEM Programs - Mentor



Titus Seilheimer,

Ph.D., Fisheries Specialist

“In hot water: How can habitat restoration help fish to be more resilient in a changing climate? “

Coastal habitats in the Great Lakes have changed a great deal in the past couple centuries. Today, with the lakes getting warmer, we have an opportunity to address those past changes with an eye to the future. Better and more diverse habitat can be more resilient to changing conditions and temperature, which is better for fish and the people who catch those fish.



Dana Lex, Science Teacher West De Pere High School

“Preparing to Do Water Monitoring With My Students”

Description: Dana will share some strategies she uses to prepare her students to go out in the field to do water quality monitoring. Dana takes all her environmental science classes out each monitoring season which can total 85 students or more. (Not in one group!) How does she do it?



Thank you to our Partnering Organizations

- * Winward Prospects (formerly Arjo Wiggins Appleton LTD)
- * Nicolet National Bank
- * Northeast Wisconsin Audubon Society
- * 1923 Fund
- * UW-Green Bay Department of Natural and Applied Sciences
- * UW-Green Bay Cofrin Center for Biodiversity
- * NEW Water
- * Cellcom Green Gifts
- * Freshwater Collaborative of Wisconsin

Brandon Byrne, Avian Research Technician
“Assessing the Diets of Cormorants and Pelicans in Lower Green Bay”

I will present on my master’s thesis work, which focused on the local diets and feeding ecology of Double-crested Cormorants and American White Pelicans under a Wisconsin Sea Grant-funded project quantifying the role of piscivorous birds in the lower Green Bay ecosystem.



Anna Qualls, Senior DePere High School

“Getting My Feet Wet as an Intern”

Description: Anna will describe her experience being one of two high school interns last summer for the Freshwater Collaborative of Wisconsin. Interested in being an intern for the summer of 2023? Apply now!



Tricia Garrison and Jeff Smudde, NEW Water

“Watershed Conservation & Stewardship: NEW Water”

NEW Water will offer an overview of their organization, their new era in resource recovery, their exciting new chapter in watershed work, and offer a glimpse of exciting career opportunities in water.



Cofrin Center for Biodiversity
UNIVERSITY of WISCONSIN-GREEN BAY

