



PROJECT FRESHWATER

Introducing Li/fg Students To Freshwater Biology, Policy, Law, And The Technologies That Sustain This Valuable Resource.

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Project Freshwater explores freshwater usage/sustainability and technologies via hydrological cycle inquiries, water quality assessments and conservation practices, population and water usage studies, water law and social policies assessment, engineering investigations, and water as image/metaphor in the culture and arts. A day aboard the Denis Sullivan, water collection/evaluation of Milwaukee's rivers, a tour of the wastewater treatment facilities, and conversations with innovators dedicated to improving water quality and usage embody the dynamic learning experience.

MILESTONES

- 1. May 2015:** Develop Project Freshwater curriculum and consult with University/community partners
- 2. June-July 2015, 2016, 2017:** Offer Project Freshwater to rising senior cohort of Upward Bound students; Update curriculum
- 3. September-May 2016, 2017:** Meet with University/community partners and seek new partners and funding sources
- 4. September 2017-May 2018:** Prepare overall evaluation and realize new sources of support and funding



Aboard the Denis Sullivan learning about nautical history and lake ecology

ABOUT OUR TEAM

T Ullrich, Associate Director, Educational Opportunity Program
Margaret Cinto, Ph.D. Student, College of Education, EOP Pre-College Curriculum Specialist
Science, Math, and Social Innovation Educators
Professional Engineers
Marquette University Graduate Students

Project Freshwater is educators, team-teaching in partnership with MU's College of Engineering, Water Quality Center, and Law School, the Global Water Center, and Veolia Water, offering a project-based investigation into water science, law, and engineering, connecting the real world and its knowledge makers to students' personal college/career aspirations. In the spirit of Marquette's response to racial inequality with the founding of EOP, the team seeks to help mitigate the persistent socio-economic and racial barriers our students face to life-affirming careers and futures..

BEYOND BOUNDARIES Sustainability of Valuable Resources

Social Responsibility and Community Engagement

Pursuit of Academic Excellence for Human Well Being

Project Freshwater advances Marquette's mission to serve others, to foster personal/professional excellence, and to discover and share knowledge. Innovative learning experiences promote academic excellence for human well-being. Connecting Milwaukee's natural and intellectual resources to college/career information and the ways intellectual pursuits make a difference demonstrate social responsibility and community engagement. Project Freshwater students see education in practice, advancing high school completion, college graduation, and fulfilling lives that position young men and women to be stewards for the community, outcomes that promote sustainability of valuable resources.



In the lab creating a water filtration system