

# FRESHWATER SCIENCES (SCHOOL OF)

## About Freshwater Sciences

The School of Freshwater Sciences offers a graduate program of studies providing students with advanced training and education in four areas:

- Freshwater System Dynamics
- Human and Ecosystem Health
- Freshwater Technology
- Freshwater Policy and Economics

Each of these focus areas is interrelated with the others, and includes biologic, physical, technologic, and policy aspects of freshwater.

The Master of Science program has two tracks designed to provide a strong foundation necessary for the training of graduates that will utilize novel approaches to the sustainable and equitable use and management of freshwater systems worldwide. The Doctor of Philosophy program is

a research degree designed to explore and discover novel approaches to the sustainable and equitable use and management of freshwater systems worldwide. These programs will create an interdisciplinary atmosphere for training the next generation of scientists armed with the knowledge, skills, and experience to anticipate and address the freshwater issues of the future.

## Programs

- Applied Urban Aquaculture, Undergraduate Certificate (<http://catalog.uwm.edu/freshwater-sciences/applied-urban-aquaculture-undergraduate-certificate>)
- Freshwater Sciences and Technology, MS (Thesis) (<http://catalog.uwm.edu/freshwater-sciences/freshwater-sciences-technology-ms>)
- Freshwater Sciences and Technology, MS: Professional Science Track (<http://catalog.uwm.edu/freshwater-sciences/freshwater-sciences-technology-professional-science-ms>)
- Freshwater Sciences, PhD (<http://catalog.uwm.edu/freshwater-sciences/freshwater-sciences-phd>)

## Faculty

Name	Rank	Degree	School	Graduate Faculty	Emeritus Faculty
Carmen Aguilar	Associate Scientist	PhD	University of Wisconsin - Milwaukee	✓	
Fred Binkowski	Senior Scientist	PhD	University of Wisconsin - Milwaukee	✓	
Harvey Bootsma	Associate Professor	PhD	University of Manitoba	✓	
Tracy Boyer	Associate Professor, Director of the Center for Water Policy	PhD	University of Minnesota	✓	
Arthur Brooks	Professor	PhD	Johns Hopkins University	✓	✓
Michael Carvan	Shaw Professor	PhD	Texas A&M University	✓	
Russell Cuhel	Senior Scientist	PhD	Massachusetts Institute of Technology and Woods Hole Oceanographic Institution	✓	
Dong-Fang Deng	Senior Scientist	PhD	University of California - Davis	✓	
Tim Grundl	Professor, Associate Dean of Academics	PhD	Colorado School of Mines	✓	
Laodong Guo	Professor	PhD	Texas A&M University	✓	
John Janssen	Professor	PhD	Michigan State University	✓	
Jerry Kaster	Associate Professor	PhD	University of Colorado	✓	
Jenny Kehl	Associate Professor	PhD	University of Colorado at Boulder	✓	
Rebecca Klaper	Professor, Director of the Great Lakes Genomics Center	PhD	University of Georgia	✓	
J. Val Klump	Professor, Dean	PhD	University of North Carolina - Chapel Hill	✓	
James Lubner	Professor	PhD	University of Wisconsin - Milwaukee	✓	✓
Sandra McLellan	Professor	PhD	University of Cincinnati Medical Center	✓	
Ryan Newton	Assistant Professor	PhD	University of Wisconsin - Madison	✓	
Charles Remsen	Professor	PhD	Syracuse University	✓	✓
Matthew Smith	Assistant Professor	PhD	University of Tasmania	✓	
Osvaldo Jhonatan Sepulveda Villet	Assistant Professor	PhD	University of Toledo	✓	
James Waples	Assistant Professor	PhD	University of Wisconsin - Milwaukee	✓	

## **Contact Information**

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