

Jennifer A. Hauxwell, Ph.D.



EDUCATION

Boston University Marine Program Marine Biological Laboratory Woods Hole, MA	Ph.D. in Aquatic Ecology Advisor, Dr. Ivan Valiela GPA 3.9, 70 semester credit hours Dissertation title: Nutrient supply and grazing as controls of biomass and community structure of benthic macrophytes in shallow temperate estuarine ecosystems	2000
The University of Michigan Ann Arbor, MI	B.S. in Biology Michigan Secondary Teaching Certification in Biology and Chemistry GPA 3.4, 140 semester credit hours	1994 1994
Cornell University Shoals Marine Laboratory	Field Marine Science Course GPA 4.0, 6 semester credit hours	1992

PROFESSIONAL EMPLOYMENT

University of Wisconsin-Madison Aquatic Sciences Center -Wisconsin Sea Grant Institute -Wisconsin Water Resources Institute 272 Goodnight Hall, 1975 Willow Drive Madison, WI 53706-1177	Research Program Associate Director 2019-present
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The University of Wisconsin Aquatic Sciences Center (ASC) is a statewide program of multidisciplinary research, education, and outreach dedicated to the protection and sustainable use of Wisconsin's water resources - our lakes, rivers, and groundwater - as well as Wisconsin waters of Lakes Michigan and Superior. Together with other funding activities compatible with the ASC mission, the Center administers two major multidisciplinary, system-wide research programs - the [Sea Grant Institute](#) (SGI), focusing on the protection and sustainable use of the nation's Great Lakes, and the [Water Resources Institute](#) (WRI), focusing on solutions to Wisconsin's present and emerging water resources issues. Annually, the Center administers approximately \$6 million in federal, state, and private funding. Both SGI and WRI function as grant agencies and are the only source of NOAA-Sea Grant and USGS-Water Resources funding in the state, awarding over \$1.6M in funding annually to Wisconsin public and private universities and colleges. In addition, ASC is the administrative home to [Water@UW-Madison](#), a collaborative network of over 170 faculty and staff across over 40 programs at UW-Madison and administers a summer research opportunities program for 30-40 undergraduates each year. The Aquatic Sciences Center is home to approximately thirty research, outreach, education, communication, and administrative staff stationed in Madison and additional locations around the state. Responsibilities include: providing leadership, strategic planning, and administration for ASC research programming, including managing ASC's research portfolio, developing statewide postgraduate fellowships, and supervision of Water@UW staff and initiatives. Additionally, serve as:

- Member of the Office of the Provost "Wisconsin Idea" Budget Task Force to guide development of a new budget allocation process to incentive work that engages communities (2024-present)

- Member of Green Bay National Estuarine Research Reserve Site Coordination Committee to guide the designation process and provide recommendations to the UW-Green Bay Chancellor (2024-present)
- Member of the Wisconsin Invasive Species Council appointed by Governor Tony Evers (2019-present)

Supervise 2 permanent research, staff, recruit and supervise 2-12 postdoctoral or post Master's fellows and 1-3 graduate students each year.

University of Wisconsin-Madison

Aquatic Sciences Center

Responsibilities included: providing leadership, strategic planning, and administration for all administrative and operations staff and functions including financial, human resources, information technology, web development, facilities, etc.

Supervised 6 permanent administration and operations staff.

Administrative Director (25%)

2019-2024

University of Wisconsin-Madison

Aquatic Sciences Center

Responsibilities included: providing leadership, strategic planning, and administration for all research-related activities including: developing requests for proposals and receiving proposals from investigators; coordinating the review process for proposals (both written peer reviews and technical review panels); finalizing proposal decisions with technical and advisory councils; coordinating the strategic planning, reporting, and program site reviews associated with all research activities. Position also required partnership with Communications and Outreach staff for advancing and translating research findings for the general public, public officials, and state administrators. Developed new programming for graduate research fellows to provide professional development opportunities to enhance students' experience participating in research at SGI and WRI. *Recruited and supervised 2-4 postdoctoral or post Master's fellows and 1-3 graduate students each year.*

Assistant Director for Research and Student Engagement

2014-2019

University of Wisconsin-Madison

Nelson Institute for Environmental Studies
122 Science Hall, 550 North Park Street
Madison, WI 53706

Served as Co-Instructor for the 2018 Water Resources Management Practicum cohort (students enrolled in Environmental Studies 718, 719, and 720). Practicum focuses on addressing a real-world challenge identified and funded by a client/stakeholder, in this case, the Madison Metropolitan Sewerage District (MMSD). MMSD periodically exceeds Wisconsin's state chloride criteria of 395 mg/L due to inputs from chloride sources within the Yahara Watershed. Treatment-only solutions at their Nine Springs Treatment Facility could cost between \$300 million and \$2.3 billion which would increase utility rates for the communities MMSD serves. MMSD enlisted the University of Wisconsin (UW) - Madison Water Resources Management cohort to assess possible source reduction opportunities on the UW-Madison campus. Deliverables will include a Blueprint for action and a final report that discusses opportunities, barriers, and recommendations for UW-Madison to reduce its chloride contribution. MMSD is interested in working with UW-Madison because the campus is like a city within a city; therefore, the Blueprint and recommendations can be used by both other campus communities or can be scaled and applied in the greater Madison metropolitan area. *Taught 9 graduate students over 1.5 years.*

Co-Instructor, Water Resources Management Practicum

2018-2020

Wisconsin Department of Natural Resources

Fisheries and Aquatic Sciences Research Section
Bureau of Science Services

Fisheries and Aquatic Sciences Research Chief

2008-2014

DNR Science Operations Center
2801 Progress Road
Madison, WI 53716

Responsibilities included: providing leadership, strategic planning, and supervision on the scientific, collaborative, and administrative duties associated with successfully implementing the Wisconsin DNR's Fisheries and Aquatic Sciences Research Program, comprised of 40-50 scientists and technicians with an operating annual budget of approximately \$2.7 million, including grant submission and reporting for federal Sportfish Restoration grants, as well as other federal, state, and external grants. Section research activities ranged from water chemistry to habitat to sportfish management, understanding linkages between aquatic resources and landscape perturbations at various spatial and temporal scales, assessing effects of invasive species on aquatic resources, developing effective monitoring strategies for various resource management needs, and developing tools and partnerships to advance science-based adaptation strategies for climate change impacts. *Supervised a total of 75 individuals over term as chief and administered approximately \$16.2 million for research projects to protect and enhance Wisconsin's aquatic resources.*

Wisconsin Department of Natural Resources
Fisheries and Aquatic Sciences Research Section
Bureau of Science Services
DNR Science Operations Center
2801 Progress Road
Madison, WI 53716

Research Limnologist
2001-2008

Responsibilities included: planning and conducting basic and applied research in the field of aquatic ecology related to land use, invasive species introductions, and climate; adapting ecological theory and methods to assist with issues facing the agency's environmental resource management personnel; developing a research program including experimental and observational methodologies in aquatic systems, aquatic sampling protocol development and implementation, statistical analyses, and publishing in peer-reviewed national journals; identifying research needs; developing proposals for funding; assembling and supervising research teams (including advising graduate students) to implement research projects and serving as a mentor for developing professionals; serving as member of technical working groups to develop and implement statewide policy regarding lake management issues; serving as technical consultant to other department staff; developing working relationships with peers in other state and federal agencies and academic institutions; presenting research results to managers, regional personnel, the general public, and at national scientific meetings. *Hired and supervised 4-10 employees annually.*

Wisconsin Department of Natural Resources
Fisheries and Aquatic Sciences Research Section
Bureau of Science Services
DNR Science Operations Center
2801 Progress Road
Madison, WI 53716

Acting Section Chief
2008

Responsibilities included: providing leadership on the scientific, collaborative, and administrative duties associated with successfully implementing the Wisconsin DNR's Fisheries and Aquatic Sciences Research Program, comprised of 24 scientists and technicians.

University of Florida
Department of Zoology
P.O. Box 118525
Joint appointment with Department of Fisheries & Aquatic Sciences
Gainesville, FL 32615-8525

Courtesy Assistant Professor
2001-2012
Postdoctoral Associate
2000-2001

Conducted research funded by the Southwest Florida Water Management District to assess the management implications associated with habitat restoration. Determine the potential effects of herbivory by manatees and competitive interactions with exotic primary producers on successful restoration of the native aquatic plant, *Vallisneria americana*. Responsibilities included hiring and supervising research technicians, experimental design, data collection often using SCUBA, laboratory analyses, data management and analyses, presenting at local and international scientific meetings, proposal development, report-writing, and writing and publishing manuscripts in scientific journals. *Hired and supervised 4 technicians.*

Florida Sea Grant

University of Florida
Building 803, McCarty Drive
P.O. Box 110400
Gainesville, FL 32611-0400

Independent Contractor

2000-2001

Lead author of educational brochure providing information to citizens of Florida on the effects of nutrient loading to Florida's coastal waters.

Boston University

Boston University Marine Program
Marine Biological Laboratory
Woods Hole, MA 02543

Visiting Professor

2000

Taught 4 credit 1-month intensive course (Marine Ecology, BI466, 666) to graduate and undergraduate students in Woods Hole, MA. The overall goals of the course were to: 1) introduce students to the fundamentals of marine ecology, 2) teach students to identify and understand the ecological roles of nearby marine flora and fauna, and 3) provide the opportunity for students to conduct all components of marine ecological research - from asking a valid scientific question to communicating experimental results. Course activities included lectures; field trips to salt marshes, estuaries, and rocky shorelines (Shoals Marine Lab overnight trip); and intensive student research projects. *Supervised/taught 20 students, including boat safety training for all.*

Boston University

Boston University Marine Program
Marine Biological Laboratory
Woods Hole, MA 02543

Doctoral Candidate

1994-2000

Quantified the linkages between land use practices, nutrient loads from watersheds to estuaries, and the resulting effects on estuarine primary productivity and food webs. Thesis title was "Interaction between grazing and nutrient controls of macrophyte biomass and community structure in shallow temperate estuarine ecosystems." Responsibilities included experimental design, data collection often using SCUBA under adverse conditions, laboratory analyses, data management and analyses, presenting at local and international scientific meetings, writing and publishing manuscripts in scientific journals, supervising undergraduate and graduate students in the courses Organism-Sediment Relationships and Marine Pollution and 1-3 REU (NSF-funded Research Experience for Undergraduates) students each summer with research projects in estuaries and salt marshes. Graduate stipend and project support from 1996-2000 were funded entirely via private or national competitive fellowships: Waquoit Bay Fellowship, U.S. Environmental Protection Agency STAR Graduate Fellowship, and the U.S. National Oceanic and Atmospheric Administration National Estuarine Research Reserve Graduate Fellowship. *Supervised/taught 6 NSF-funded REU students on field research projects and 20 undergraduate and graduate students as a Teaching Assistant.*

Waquoit Bay National Estuarine Research Reserve

Massachusetts Department of Environmental Management

Visiting Lecturer

2000

Division of Forests and Parks - Region 1
P.O. Box 3092
Waquoit, MA 02536

Served as Visiting Lecturer for 2 partnership projects between the Waquoit Bay National Estuarine Research Reserve and the Woods Hole Research Center, both funded by the Massachusetts Environmental Trust. Taught an Estuarine Ecology session of the mini course "Environmental Literacy" designed for high school teachers at the Cape Cod Community College. Served as a Visiting Scientist at local high schools as part of the "Aquatic Science in Action" program. The goals of the project were to promote student education regarding connections between land use and water quality through scientific readings and research presentations on aquatic topics in the local area. The benefits to students included learning about local environmental issues, improving science literacy skills, exposure to the scientific process, and the program provided students an opportunity to communicate to the public about local environmental concerns and potential solutions.

Journal of Crustacean Biology

Boston University Marine Program
Marine Biological Laboratory
Woods Hole, MA 02543

Editorial Assistant

1998-1999

Assisted Dr. Arthur Humes, Editor of the *Journal of Crustacean Biology*, with most aspects of editing the scientific journal. Responsibilities included editing accepted manuscripts prior to and after printing, corresponding with authors, maintaining manuscript files.

CINVESTAV-IPN, Unidad Mérida

Laboratory of Primary Production
A.P. 73 Cordemex
Mérida, Yucatan, Mexico

Visiting Research Scientist

1999

Conducted research in 5 estuaries on the Yucatan Peninsula, Mexico, to determine the response of different species of seagrasses with different growth characteristics (*Thalassia testudinum*, *Halodule wrightii*, and *Syringodium filiforme*) to anthropogenic inputs of nutrients from adjoining terrestrial ecosystems, assess which species are most sensitive indicators of eutrophication, and better understand how the loss of each type of meadow might alter ecosystem functions (including magnitude and rates of carbon and nitrogen cycling - rates of fixation, turnover, storage, export, supply to higher trophic levels, etc.).

LEC Environmental Consultants, Inc.

3 Otis Park Drive
Bourne, MA 02532

Independent Research Consultant

1998

Conducted comprehensive eelgrass (*Zostera marina*) health assessment in area of potential dock extension in Nantucket Harbor. Took part in writing and submission of report for pending lawsuit which included results on eelgrass coverage, density, frequency of flowering shoots, shoot morphology, growth rates, biomass, and general health.

Institute of Ecosystem Studies

Education Program; Box R
Millbrook, NY 12545-0178

Outdoor Science Center Educator

1994

Designed, implemented, and served as educator for successful new ecology day camp for children in grades 1-6, funded through NSF. Participants worked as ecologists for a week by comparing biological, physical, and chemical characteristics of ponds and streams. Additional responsibilities included conducting outdoor education programs for visiting middle and high school students and serving as on-site health director.

LEADERSHIP SUMMARY FOR PROFESSIONAL EMPLOYMENT

In total, I have supervised 146 professional scientific research staff over the course of my career including 32 Ph.D. level researchers.

At the University of Wisconsin-Madison, I have supervised 11 permanent staff, 17 Postdoctoral Fellows, 14 post Master’s fellows, 13 Project Assistants, and 8 undergraduate interns.

At any given point in time as Section Chief of the Fisheries and Aquatic Research team at the Wisconsin Department of Natural Resources, I supervised approximately 35-50 scientists and technicians working on over 100 research projects that I administered.

Throughout my original research, I have supervised and/or mentored approximately 60 technicians on over 30 research projects.

I have taught 2 field courses and a Water Resources Management 1.5-year practicum.

Years	Position	Employer	Program	Number of staff and students supervised/mentored/taught
2019-present	Associate Director for Research and Administrative Director	UW-Madison	Wisconsin Sea Grant and Water Resources Institute	11 permanent staff, 11 Postdoctoral Fellows, 14 post Master’s Fellows, 5 graduate project assistants, 3 undergraduate interns
2015-2019	Assistant Director for Research and Student Engagement	UW-Madison	Wisconsin Sea Grant and Water Resources Institute	6 Postdoctoral Fellows, 8 graduate project assistants, 5 undergraduate interns, 9 WRM practicum graduate students
2008-2014	Section Chief	Wisconsin Department of Natural Resources	Fisheries and Aquatic Sciences Research	75 scientists, technicians (24 permanent, 51 limited term employees)
2008	Acting Section Chief	Wisconsin Department of Natural Resources	Fisheries and Aquatic Sciences Research	24 scientists, technicians
2001-2008	Lakes Ecologist	Wisconsin Department of Natural Resources	Lakes and Wetlands Research	36 technicians
2000-2001	Postdoctoral fellow	University of Florida	Aquatic Habitat Restoration	8 technicians
2000	Visiting Professor	Boston University	Marine Ecology field course	17 students, 1 teaching asst.
1999	Visiting Researcher	Mexico	Estuarine Research	4 technicians
1995-1998	Graduate student	Boston University	Estuarine Research	9 technicians

PROFESSIONAL GRANTS ADMINISTERED

As research administrator at UW Aquatic Sciences Center, administered a total of approximately \$22.6 million across 192 projects including leadership of the peer and panel reviews of 151 proposals submitted to the University of Wisconsin Water Resources Institute

and 347 preproposals and 216 full proposals submitted to the University of Wisconsin Sea Grant Institute – UW-Madison (2014-2024).

As research section chief, administered a total of approximately \$16.2 million and supervised a total of 75 professional scientists and technicians working on over 100 research projects – Wisconsin Dept. Natural Resources (2008-2014).

Total through FY24 = \$39 million across 292 research projects.

Year	Position	Employer	\$ Administered	Total # projects funded
FY16-present	Research Program Director	UW-Madison	\$22.6 million	192
FY 2008-2014	Research Section Chief	Wisconsin Department of Natural Resources	\$16.2 million	100
Total			\$39 million	292

PROFESSIONAL GRANTS RECEIVED

Total as PI or Co-PI on research and other projects through FY24 = \$6.8 million, 65 projects.

Role	Title	Sponsor	Dates	Total
As a PI at UW-Madison:				
PI	<i>Wisconsin Sea Grant-Coastal Management FY24 Keillor Fellowship-Katherine Gannon</i>	Wisconsin Department of Administration	In progress	
PI	<i>FY25 UW-DATCP Fellowship – Samuel Brockschmidt (AWD00002575)</i>	Wisconsin Department of Agriculture, Trade and Consumer Services	6/3/24-6/2/25	\$32k
PI	<i>Wisconsin Sea Grant-Coastal Management FY24 Keillor Fellowship-Helena Tiedmann (AWD00000670)</i>	Wisconsin Department of Administration	9/22/23-9/30/24	\$56k
PI	<i>FY24 UW-DHS Fellowship – Sarah Gravlee (AW00001498)</i>	Wisconsin Department of Health Services	9/1/23-8/31/24	\$64k
PI	<i>Wisconsin Water Science-Policy Fellowship –104b Yr 3 (MSN248739)</i>	US Geological Survey	9/1/23-8/31/24	\$33k
PI	<i>Wisconsin Sea Grant Student Engagement M/PM-3 Enabling Engagement and Transformation (MSN247594)</i>	National Oceanic and Atmospheric Administration	8/1/23-1/31/25	\$150k
PI	<i>12 Month PA for Water@UW-Madison (MSN230362)</i>	Wisconsin Alumni Research Foundation	5/1/19-9/30/26	\$226k
PI	<i>Wisconsin Water Resources Science Policy Fellowship (AWD00000187)</i>	Wisconsin Department of Health Services	6/1/23-8/31/23	\$17k
PI	<i>J. Philip Keillor/DNR Office of Great Waters Sea Grant Fellowship: Collaborating with WDNR - Sophie LaFond Hudson (MSN269113)</i>	Wisconsin Department of Natural Resources	10/1/22-10/31/24	\$148k

PI	<i>FY23 UW-DHS Fellowship – AJ Jeninga (MSN250418)</i>	Wisconsin Department of Health Services	9/1/22-10/31/23	\$50k
PI	<i>Wisconsin Water Science-Policy Fellowship –104b Yr 2 (MSN248739)</i>	US Geological Survey	9/1/22-8/31/23	\$37k
PI	<i>Wisconsin Sea Grant-Coastal Management FY23 Keillor Fellowship - Hannah Paulson (MSN268637)</i>	Wisconsin Department of Administration	7/1/22-8/31/23	\$39k
PI	<i>Wisconsin Sea Grant Keillor HABs Fellowship - Jordan Murray extension (MSN261067)</i>	Wisconsin Department of Health Services	5/24/22-5/23/23	\$63k
PI	<i>Wisconsin Sea Grant Keillor Fellowship - Jackson Parr extension (MSN266084)</i>	Wisconsin Department of Health Services	4/1/22-8/31/22	\$13k
PI	<i>Wisconsin Sea Grant Student Engagement E/ELWD-25 (MSN247594)</i>	National Oceanic and Atmospheric Administration	2/1/22-1/31/24	\$119k
Co-PI	<i>Wisconsin Sea Grant Program Management – M/PM-02 (MSN247594)</i>	National Oceanic and Atmospheric Administration	2/1/22-1/31/24	\$324k
PI	<i>Wisconsin Sea Grant-Coastal Management Keillor Fellowship - Sarah Brown (MSN257005)</i>	Wisconsin Department of Administration	12/1/21-3/30/23	\$59k
PI	<i>FY22 Wisconsin Water Resources Science-Policy Fellowship in Fisheries: Collaborating with WDNR - Bryan Maitland (MSN255773)</i>	Wisconsin Department of Natural Resources	9/1/21-6/30/22	\$54k
PI	<i>Wisconsin Water Resources Science-Policy Fellowship in Fisheries: Collaborating with WDNR - Bryan Maitland Extension (MSN242063)</i>	Wisconsin Department of Natural Resources	9/1/20-6/30/21	\$18k
PI	<i>Wisconsin Water Resources Science-Policy Fellowship in hydrology and fisheries: Collaborating with DNR and advancing student networking -Dana Lapides (MSN244833)</i>	Wisconsin Department of Natural Resources	11/1/20-11/30/21	\$43k
PI	<i>J. Philip Keillor/DNR Office of Great Waters Sea Grant Fellowship: Collaborating with WDNR - Nicole Ward (MSN247977)</i>	Wisconsin Department of Natural Resources	6/1/21-6/30/22	\$18k
PI	<i>Wisconsin Water Science-Policy Fellowship –104b Yr 1 (MSN248739)</i>	US Geological Survey	9/1/21-8/31/22	\$38k
PI	<i>Wisconsin Sea Grant-Coastal Management FY22 Keillor Fellowship - Emily Rau (MSN252926)</i>	Wisconsin Department of Administration	8/31/21-3/31/23	\$54k
PI	<i>Wisconsin Sea Grant Keillor HABs Fellowship - Jordan Murray (MSN252930)</i>	Wisconsin Department of Health Services	5/24/21-5/23/22	\$58k
PI	<i>Wisconsin Sea Grant Keillor Fellowship - Jackson Parr</i>	Wisconsin Department of Health Services	4/1/21-3/31/22	\$48k

	<i>(MSN250418)</i>			
PI	<i>Wisconsin Sea Grant FY21 Keillor Fellowship – Gavin Dehnert extension (MSN252802)</i>	Wisconsin Department of Health Services	3/1/21-5/1/21	\$12k
PI	<i>Wisconsin Sea Grant-Coastal Management FY22 Keillor Fellowship - Lydia Salus (MSN244883)</i>	Wisconsin Department of Administration	7/1/20-10/31/21	\$58k
PI	<i>Wisconsin Sea Grant Aquaculture Fellowship - Patrick Blaufuss (MSN213754)</i>	National Oceanic and Atmospheric Administration	9/1/20-8/31/22	\$202k
PI	<i>Wisconsin Water Science-Policy Fellowship – PFAS – Gavin Dehnert (MSN241684)</i>	Wisconsin Department of Health Services	8/1/20-2/28/21	\$43k
PI	<i>Wisconsin Water Science-Policy Fellowship –104b – Bryan Maitland, interns (MSN193564)</i>	US Geological Survey	3/1/20-12/31/21	\$32k
PI	<i>Wisconsin Water Science-Policy Fellowship - Carolyn Voter (MSN230330)</i>	Wisconsin Department of Natural Resources	9/3/19-12/30/21	\$111k
PI	<i>Wisconsin Sea Grant-Coastal Management FY20 Keillor Fellowship – Adam Arend (MSN230284)</i>	Wisconsin Department of Administration	7/16/19-5/31/21	\$79k
PI	<i>Wisconsin Water Science-Policy Fellowship –104b Yr 4 - Voter/Maitland (MSN193564)</i>	US Geological Survey	6/18/19-12/31/20	\$32k
PI	<i>USGS 2019 Internships (MSN229012)</i>	US Geological Survey	6/30/19-5/31/20	\$21k
PI	<i>MMSD - UW-Madison Water Resources Management Chloride Usage (MSN230385)</i>	Madison Metropolitan Sewerage District	4/1/19-9/30/20	\$17k
PI	<i>Wisconsin Water Science-Policy Fellowship – Francisco Guerrero (MSN220728)</i>	Wisconsin Department of Natural Resources	12/3/18-6/30/20	\$30k
PI	<i>Wisconsin Sea Grant-Coastal Management FY19 Keillor Fellowship – Yi Liu (MSN219454)</i>	Wisconsin Department of Administration	7/19/18-7/31/19	\$26k
PI	<i>Wisconsin Keillor Great Lakes Fisheries Fellowship – Liz Tristano (MSN219442)</i>	Wisconsin Department of Natural Resources	7/1/18-6/30/19	\$29k
PI	<i>Wisconsin Water Science-Policy Fellowship – Stephanie DeVries (MSN215305)</i>	Wisconsin Department of Natural Resources	7/1/18-6/30/19	\$33k
PI	<i>USGS Internships-Wisconsin Water Sciences Center (MSN193564)</i>	US Geological Survey	6/18/18-9/17/19	\$32k
Co-PI	<i>Training the Next Generation of Scientists to Protect Human Health and the Environment: A Collaboration of UW-Madison and EPA MED</i>	U.S. Environmental Protection Agency	9/1/18-8/31/21	\$1.2 million
Co-PI	<i>Water Resources Research Institute and Extension Partnership for Mitigating Harmful Algal Blooms</i>	North Central Region Water Network	3/18-3/19	\$10k

	<i>across the Midwest and Beyond</i>			
Co-PI	<i>Advancing Wisconsin Sea Grant's Research and Student Engagement Programming – HCE-27 (MSN169944)</i>	National Oceanic and Atmospheric Administration	3/1/20-7/31/20	\$35k
PI	<i>Wisconsin Sea Grant Student Engagement Programming, ELWD-09 (MSN213754)</i>	National Oceanic and Atmospheric Administration	2/1/18-10/31/23	\$235k
PI	<i>Wisconsin Sea Grant Research and Student Engagement Initiative – ELWD-09 (MSN169944)</i>	National Oceanic and Atmospheric Administration	2/1/16-7/31/19	\$168k
PI	<i>Wisconsin Water Resources Fellowship: Collaborating with Water Managers (MSN193564)</i>	US Geological Survey	3/1/16-2/28/19	\$61k
Co-PI	<i>Advancing Wisconsin Sea Grant's Research and Student Engagement Programming – HCE-27 (MSN169944)</i>	National Oceanic and Atmospheric Administration	2/1/15-1/31/19	\$46k
PI	<i>USGS Internships-Wisconsin Water Sciences Center (MSN204255)</i>	US Geological Survey	6/5/17-6/4/18	\$32k
PI	<i>Wisconsin Sea Grant-Coastal Management FY18 Keillor Fellowship – Adam Bechle (MSN208774)</i>	Wisconsin Department of Administration	6/27/17-7/31/18	\$67k
PI	<i>Wisconsin Sea Grant-Coastal Management Keillor Fellowship (MSN199896)</i>	Wisconsin Department of Administration	7/1/16-7/31/17	\$34k
PI	<i>Wisconsin Water Science-Policy Fellowship (MSN201771)</i>	Wisconsin Department of Natural Resources	12/23/16-7/31/17	\$33k
Co-PI	<i>Wisconsin Water Resources Fellowship: Collaborating with Water Managers (MSN142717)</i>	US Geological Survey	3/1/15-2/29/16	\$39k
As PI at Wisconsin Department of Natural Resources:				
PI	<i>Reducing Invasive Live Organisms in Trade in Great Lakes Watersheds</i>	US Environmental Protection Agency, Great Lakes Restoration Initiative	2011-2014	\$385k
PI	<i>Strategic Long-term Monitoring of Lakes Infested with Eurasian Watermilfoil: Effects of Region and Management</i>	Wisconsin Department of Natural Resources, Water Division, Bureau of Water Quality	6/07-6/14	\$596k
PI	<i>Baseline Monitoring for Aquatic Plant in Lakes -Protocol Implementation and Building a Representative Lakes Database</i>	Wisconsin Department of Natural Resources, Water Division, Bureau of Water Quality	6/07-6/15	\$324k
PI	<i>Implementation and Interpretation of Lakes Assessment Data for the Upper Midwest</i>	US Environmental Protection Agency	7/05-9/08	\$184k
PI	<i>Aquatic Plant Sampling of the EPA's National Lakes Program</i>	US Environmental Protection Agency through the Wisconsin Department of Natural	6/07-6/08	\$41k

		Resources, Water Division, Bureau of Water Quality		
PI	<i>Managing Lakes Infested with Eurasian Watermilfoil in Wisconsin: Understanding the Factors Driving Abundance</i>	Wisconsin Department of Natural Resources, Water Division, Bureau of Fisheries Management and Habitat Protection	6/05-6/07	\$112k
PI	<i>Baseline Sampling of Aquatic Plants</i>	Wisconsin Department of Natural Resources, Water Division, Bureau of Fisheries Management and Habitat Protection	6/06-6/08	\$74k
PI	<i>Effect of Watershed Land Use and Lakeshore Development on Aquatic Plant Communities: Proposal to Evaluate the Potential Use of the Floristic Quality Index as a Monitoring Tool for Small Lakes in Wisconsin</i>	Wisconsin Department of Natural Resources, Water Division, Bureau of Fisheries Management and Habitat Protection	6/03-6/07	\$226k
PI	<i>Use of Diatoms and Plants for Nutrient Assessment in Depressional Wetlands</i>	US Environmental Protection Agency, Region V	2/03-9/04	\$50k
Co-PI	<i>Wetland Monitoring Methods Phase 2: Evaluating and Integrating Assessment Methods</i>	US Environmental Protection Agency, Region V	9/01-9/03	\$20k
As a Postdoctoral Fellow:				
Co-PI	<i>Pilot Lyngbya Removal and Revegetation Project</i>	Southwest Florida Water Management District	10/01-3/03	\$163k
As a Graduate Student:				
PI	<i>STAR Graduate Fellowship</i>	U.S. Environmental Protection Agency	1998-2000	\$100k
PI	<i>National Estuarine Research Reserve Graduate Fellowship</i>	U.S. National Oceanic and Atmospheric Administration	1997-1998	\$50k

PUBLICATIONS (* indicates publications resulting from student projects or technicians under my mentorship)

Career total of 37 peer-reviewed journal articles, 5 book chapters, 12 technical reports, 7 popular articles, 43 annual, biennial or five-year administrative programmatic (vs individual project) reports.

Google Scholar Profile –

<http://scholar.google.com/citations?user=sN2qaz4AAAAJ&hl=en&oi=ao> - >4800 Citations.

Peer-Reviewed Journals:

37. *Voter, C.B., F.J. Guerrero-Bolaño, A.W. Latzka, B.M. Maitland, J.A. Hauxwell. 2021. Adaptable university-agency early-career fellowship program creates a win-win-win for Wisconsin's waters. *Journal of Contemporary Water Research & Education*. Extension Special Issue 174:139-154. https://ucowr.org/wp-content/uploads/2021/12/174_Voter_et_al.pdf.

36. Bradbury, K., J.A. Hauxwell, M. Zhuikov. 2021. The Wisconsin Groundwater Coordinating Council: 37 years of state agency cooperation. Groundwater. Guest Editorial. <https://doi.org/10.1111/gwat.13141>.
35. Mikulyuk, A., E. Kujawa, M.E. Nault, S. Van Egeren, K.I. Wagner, M. Barton, J. Hauxwell, M.J. Vander Zanden. 2020. Is the cure worse than the disease? Comparing the ecological effects of an invasive aquatic plant and the herbicide treatments used to control it. FACETS 5:353-366. <https://doi.org/10.1139/facets-2020-0002>.
34. Magee, M.R., C.L. Hein, J.R. Walsh, P.D. Shannon, M.J. Vander Zanden, T.B. Campbell, G.J.A. Hansen, J. Hauxwell, G.D. LaLiberte, T.P. Parks, G.G. Sass, C.W. Swanston, M.K. Janowiak. 2019. Scientific advances and adaptation strategies for Wisconsin lakes facing climate change. Lake and Reservoir Management. <https://doi.org/10.1080/10402381.2019.1622612>
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Popular Articles

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Administrative Programmatic Reports

Responsible for soliciting individual project reports, summarizing and submitting programmatic reports to various funding agencies (USFWS, USGS, NOAA, Wisconsin State Legislature).

43. FY 2023 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
42. Mikulyuk, A., L. Bills, J. Hauxwell, Y. Xiong, and M. Cardiff. 2024. Water@UW-Madison Annual Report. Submitted to Vice Chancellor for Research and the Office of the Provost.
41. FY 2024 University of Wisconsin System Section of the Wisconsin Groundwater Coordinating Council Annual Report to the Legislature.
40. FY 2022 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
39. FY 2016-2020 University of Wisconsin Water Resources Institute 5-year Evaluation Report to USGS.
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36. FY 2021 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
35. FY 2022 University of Wisconsin System Section of the Wisconsin Groundwater Coordinating Council Annual Report to the Legislature.
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33. Vimont, D.J., T. Gorby, J. Hauxwell, C. Kucharik, J. Patz. 2021. Recommendations for the Wisconsin State Climatology Office. Submitted to Vice Chancellor for Research and Deans of Extension, Nelson Institute, and Colleges of Agricultural and Life Sciences and Letters and Sciences.
32. FY 2021 University of Wisconsin System Section of the Wisconsin Groundwater Coordinating Council Annual Report to the Legislature.
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19. FY 2017 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
18. FY 2017 University of Wisconsin System Section of the Wisconsin Groundwater Coordinating Council Annual Report to the Legislature.
17. FY 2016 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
16. FY 2016 University of Wisconsin System Section of the Wisconsin Groundwater Coordinating Council Annual Report to the Legislature.
15. Block, P., S. Carpenter, K. Genskow, J. Hauxwell, A. Hinterthuer, J. Hurley, C. Kucharik, A. Moser, J. Vander Zanden. 2015. Water@UW-Madison: Integrating water scholarship across the UW-Madison campus. Submitted to Chancellor.
14. FY 2015 University of Wisconsin Water Resources Institute Annual Technical Report to USGS.
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11. Hauxwell, J., M. Barton (eds). 2014. WDNR Fisheries and Aquatic Sciences Research Program 2012-2014 Biennial Report. 81 pp. DNR internal publication.
http://dnr.wi.gov/topic/wildlifehabitat/research/documents/FAHS_BiennialResearchReport_2013.2014.pdf
10. Hauxwell, J., et al. FY 2014. Wisconsin Department of Natural Resources Federal Aid Projects - Fisheries and Aquatic Sciences Section Annual and Final Performance Reports for Sportfish Restoration. \$1.6 million.
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6. Hauxwell, J., et al. FY 2011. Wisconsin Department of Natural Resources Federal Aid Projects - Fisheries and Aquatic Sciences Section Annual and Final Performance Reports for Sportfish Restoration. \$2.0 million.
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1. Hauxwell, J., et al. FY 2008. Wisconsin Department of Natural Resources Federal Aid Projects - Fisheries and Aquatic Sciences Section Annual and Final Performance Reports for Sportfish Restoration. \$2.0 million.

Thesis

Hauxwell, J. 2000. Nutrient Supply and Grazing as Controls of Biomass and Community Structure of Benthic Macrophytes in Shallow Temperate Estuarine Ecosystems. Ph.D. Dissertation, Boston University, Boston, MA. Pp. 1-259.

PRESENTATIONS (bold indicates speaker)

Career total of 100 program administrative overviews, 70 research presentations to support natural resources management and policy, 17 invited seminars and lectures, and 39 scientific conference presentations.

Program Administrative Overviews:

Hauxwell, J., A. Mikulyuk, A. Nienow, and E. Silva. (11 September 2024). Ways to promote interdisciplinary research on campus. UW-Madison's Sustainability Research Visioning Event. Memorial Union, Madison, WI.

Hauxwell, J., W. Phelps, and C. Remucal. (6 September 2024). Informational webinar for prospective investigators: Joint Solicitation for the State of Wisconsin Groundwater Research and Monitoring Program FY2025. via Zoom.

Hauxwell, J. (3 June 2024). Tackling Wisconsin's water challenges through UW-Water Science Policy Fellowships and agency partnerships. Association for the Sciences of Limnology and Oceanography. Madison, WI. Approx. 30 attendees.

Hauxwell, J. (10 May 2024). Update on FY25 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hauxwell, J. (16 February 2024). Update on FY25 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. DATCP, Madison, WI.

Hauxwell, J., and M. Smale. (21 September 2023). Tackling Wisconsin's water challenges through UW-Water Science Policy Fellowships and agency partnerships. Great Lakes Sea Grant Network Meeting. Approx. 30 attendees.

Hauxwell, J., W. Phelps, and C. Romano. (8 September 2023). Informational webinar for prospective investigators: Joint Solicitation for the State of Wisconsin Groundwater Research and Monitoring Program FY2025. via Zoom.

Hurley, J., J. Hauxwell, D. Hart, M. Harrington. (2 March 2023). Informational webinar for prospective investigators submitting full proposals: University of Wisconsin Sea Grant College Program's 2024-26 Request for Proposals. Via Zoom.

Lenz, B., K. Morrill-McClure, S. Kolesar, B. Carney, J. Hauxwell, J. Peterson, M. Behl. (1 March 2023). Incorporating diversity, equity, inclusion, justice, and accessibility into Sea Grant programming. 2023 Sea Grant Association Spring Meeting, Watergate Hotel, Washington, D.C.

Hauxwell, J. (10 February 2023). Update on FY24 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. DATCP, Madison, WI.

Hauxwell, J. (11 November 2022). Update on FY24 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hurley, J., J. Hauxwell, Bruce Rheineck, and Mark McColloch. (7 September 2022). Informational webinar for prospective investigators: Joint Solicitation for the State of Wisconsin Groundwater Research and Monitoring Program FY2024. via Zoom.

Hauxwell, J. (12 August 2022). Update on FY24 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hauxwell, J., (22 April 2022). Tackling Wisconsin's water challenges through UW-Water Science Policy Fellowships and agency partnerships. Water@UW-Madison 2022 Spring Symposium. via Zoom. (with Alex Latzka, Bryan Maitland, Prarthana Shankar, Jordan Murray, Jackson Parr, Emily Rau, Sarah Brown, Roy Irving, Kate Angel). Approx. 150 attendees.

Hauxwell, J. (11 February 2022). Update on FY23 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hurley, J., J. Hauxwell, Bruce Rheineck, and Stan Senger. (3 September 2021). Informational webinar for prospective investigators: Joint Solicitation for the State of Wisconsin Groundwater Research and Monitoring Program FY2023. via Zoom..

Hauxwell, J. (13 August 2021). Update on FY23 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hauxwell, J. (12 August 2021). Promoting the ideals of justice, equity, diversity, and inclusion through Wisconsin Sea Grant's research programming. Sea Grant Equitable Recruitment Strategies webinar, hosted by Sea Grant's Diversity/Equity/Inclusion team. via Zoom.

Hauxwell, J. (7 May 2021). Water@UW-Madison Chair, Opening Remarks and Emcee. Water@UW-Madison 2021 Spring Symposium – Opportunities in a Changing World. (via Zoom, Approx. 300 attendees and live streamed via WisconsinEye)

Hauxwell, J. (14 May 2021). Update on FY22 and FY23 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hauxwell, J. (1 April 2021). Tackling Wisconsin's water challenges through UW Water Science-Policy Fellowships and agency partnerships. UW-Milwaukee student colloquium. via Zoom. (with Lydia Salus, Adam Arend, Carolyn Voter, Gavin Dehnert, Nathan Pollesch, Dana Lapidés, Sarah Balgooyen, Adam Freihoefer, Sarah Yang, and Kate Angel).

Hurley, J., J. Hauxwell, D. Hart, M. Harrington. (19 March 2021). Informational webinar for prospective investigators submitting full proposals: University of Wisconsin Sea Grant College Program's 2022-24 Request for Proposals. Madison, WI.

Hauxwell, J., and B. Maitland. (10 March 2021). Tackling Wisconsin's water challenges through UW Water Science-Policy Fellowships and agency partnerships. Wisconsin Water Week Plenary (**introduced by Governor Tony Evers**). via Zoom. (with Lydia Salus, Carolyn Voter, Gavin Dehnert, Bryan Maitland, Nathan Pollesch, Dana Lapidés, Adam Freihoefer, and Alex Latzka).

Hurley, J., D. Hart, J. Hauxwell, M. Harrington. (22 February 2021). Wisconsin Sea Grant Great Lakes, Great Fellows Convocation and Awards ceremony. (included Congressman Gallagher and Senator Baldwin.) via Zoom.

Hauxwell, J. (12 February 2021). Update on FY22 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. via Zoom.

Hauxwell, J. (11 February 2021). Water@UW-Madison as an example of collaboration. Ohio State University Water Network. via Zoom.

- Hauxwell, J.** (10 February 2021). Tackling Wisconsin's water challenges through UW Water Science-Policy Fellowships and agency partnerships. National Institutes for Water Resources Annual Conference. via Zoom.
- Hauxwell, J.** (11 December 2020). Water@UW-Madison Chair, Opening Remarks. Water@UW-Madison LiveStream – Building Water Connections across the UW System as a Foundation for Collaboration. UW-Madison, co-sponsored by the Freshwater Collaborative of Wisconsin. via Zoom. (Approx. 200 attendees.)
- Hauxwell, J.** (10 December 2020). Water tribute. St. John's Lutheran Church address to the congregation and fundraiser for drinking water support for communities in need. via YouTube.
- Hurley, J., J. Hauxwell, D. Hart, A. Moser, T. Xiong.** (20 November 2020). Informational webinar for prospective investigators: University of Wisconsin Sea Grant College Program's 2022-24 Request for Proposals. via Zoom.
- Hurley, J., J. Hauxwell, T. Ambs, C. Winslow, K. DeVanna Fussell, J. Downing, V. Brady.** (20 November 2020). Informational webinar for prospective investigators: Ohio-Wisconsin-Minnesota Joint Request for Proposals on Harmful and Nuisance Algal Blooms. via Zoom.
- Hauxwell, J.** (4 November 2020). Water@UW-Madison as an example of collaboration. North Central Region Water Network Regional Team Meeting. via Zoom.
- Hauxwell, J.** (29 September 2020). Tackling Wisconsin's water challenges through UW Water Science-Policy Fellowships and agency partnerships. UW-Madison Symposium for Research Administrators. via Zoom. (with Lydia Salus, Carolyn Voter, Gavin Dehnert, Bryan Maitland, Nathan Pollesch, Francisco Guerrero-Bolaño, Kate Angel, Adam Freihoefer, and Sarah Yang).
- Hurley, J., J. Hauxwell, Bruce Rheineck, and Stan Senger.** (25 August 2020). Informational webinar for prospective investigators: Joint Solicitation for the State of Wisconsin Groundwater Research and Monitoring Program FY2022. via Zoom..
- Hauxwell, J.** (5 May 2020). Incoming Chair, Closing Remarks. Water@UW-Madison Spring Symposium. UW-Madison. via Zoom. (Approx. 800 attendees)
- Hauxwell, J., and J. Hurley.** (14 February 2020). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2021. Groundwater Research Advisory Council. Madison, WI.
- Hauxwell, J.** (19 March 2019). Wisconsin Sea Grant fellowship program: Greater impacts through actionable science. Wisconsin Sea Grant Site Review. Madison, WI. (with Ryan Lepak, Adam Bechle, Yi Liu, Elizabeth Tristano, Alex Latzka, Stephanie DeVries, Carolyn Voter, Kate Angel, and Matt Diebel).
- Hauxwell, J.** (19 March 2019). Wisconsin Sea Grant research and student engagement overview. Wisconsin Sea Grant Site Review. Madison, WI.
- Hurley, J., J. Hauxwell, D. Hart, T. Xiong, A. Moser, T. Seilheimer, J. Noordyk, D. Peroff, A. Bechle.** (11 March 2019). Informational webinar for prospective investigators submitting full proposals: University of Wisconsin Sea Grant College Program's 2020-22 Request for Proposals. Madison, WI.
- Hauxwell, J., and J. Hurley.** (8 February 2019). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2020. Groundwater Research Advisory Council. Middleton, WI.
- Hauxwell, J.** (8 February 2019). Update on FY20 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. USGS Water Science Center, Middleton, WI.
- Hurley, J., J. Hauxwell, D. Hart, A. Moser, T. Xiong.** (15 November 2018). Informational webinar for prospective investigators: University of Wisconsin Sea Grant College Program's 2020-22 Request for Proposals. Madison, WI.

Hauxwell, J. (26 June 2018). Wisconsin Sea Grant research and student engagement programming update. Wisconsin Sea Grant Advisory Council Meeting. Manitowoc, WI.

Hauxwell, J. (for S. Schooler) (9 May 2018). Research projects and opportunities at the Lake Superior National Estuarine Research Reserve. Water@UW-Madison Spring Symposium. UW-Madison, Madison, WI.

Hauxwell, J. (7 May 2018). Development process for Sea Grant's 10-year Water Resources Vision. Sea Grant 10-year Water Resources Visioning Meeting. National Water Center, Tuscaloosa, AL.

Hauxwell, J., and D. Hart. (2 March 2018). Sea Grant's role in supporting aquaculture in Wisconsin through research and outreach. Wisconsin Aquaculture Association Annual Meeting. Marshfield, WI.

Hauxwell, J., and J. Hurley. (16 February 2018). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2019. Groundwater Research Advisory Council. Middleton, WI.

Hauxwell, J. (16 February 2018). Update on FY19 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. USGS Water Science Center, Middleton, WI.

Hauxwell, J. (20 September 2017). Presentation of 2018-20 Wisconsin Sea Grant Student Engagement Program. Wisconsin Sea Grant Advisory Committee on Outreach and Education. Green Bay, WI.

Hauxwell, J. (19 September 2017). Presentation of 2018-20 Wisconsin Sea Grant Research Program. Wisconsin Sea Grant Advisory Council. UW-Madison, Madison, WI.

Harrington, M., J. Hauxwell, T. Campbell. (7 August 2017). Overview of Wisconsin Sea Grant. Institute for Journalism & Natural Resources "Great Lakes and the Federal Budget" Workshop for Journalists. UW-Milwaukee, Milwaukee, WI.

Hauxwell, C. Voter, S. Brunner, and M. Polich. (11 July 2017). Science-Policy partnerships – Increasing the impact of your research. Michigan Sea Grant Community-Engaged Research Institute. Bath, MI.

Hauxwell, J., J. Carmichael, C. Voter, A. Bechle, A. Latzka, and S. Brunner. (5 May 2017). Increasing your impacts: Making a difference through water science-policy fellowships (webinar for students). Madison, WI.

Hauxwell, J., D. Hart, T. Seilheimer, G. Clark, A. Moser, and J. Carmichael. (21 April 2017). Increasing your impacts: Making your research more meaningful for stakeholders – Our challenge to you (webinar for students). Madison, WI.

Hauxwell, J., and J. Hurley. (10 February 2017). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2018. Groundwater Research Advisory Council. Middleton, WI.

Hauxwell, J. (10 February 2017). Update on FY18 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. USGS Water Science Center, Middleton, WI.

Hurley, J., J. Hauxwell, D. Hart, K. Kline, T. Xiong. (16 December 2016). Informational webinar for prospective investigators: University of Wisconsin Sea Grant College Program's 2016-18 Request for Proposals. Madison, WI.

Hauxwell, J. (18 November 2016). Update on FY18 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. DATCP, Madison, WI.

Hauxwell, J. (21 October 2016). Wisconsin Sea Grant student engagement programming update and listening session. UW-Milwaukee students and faculty. Milwaukee, WI.

Hauxwell, J. (6 October 2016). UW-Madison Aquatic Sciences Center research and student programming overview. UW-Madison Office of the Vice Chancellor for Research and Graduate Education - Centers Directors Meeting. Madison, WI.

- Hauxwell, J.** (23 September 2016). Incorporating actionable science into Wisconsin Sea Grant's 2017-20 Strategic Plan. Wisconsin Sea Grant Advisory Council Meeting. Milwaukee, WI.
- Hauxwell, J.** (16 September 2016). Incorporating actionable science for water managers into Wisconsin Sea Grant's 2017-20 Strategic Plan – Discussion session with state water managers. Wisconsin Department of Natural Resources Water Managers. Milwaukee, WI.
- Hurley, J., J. Hauxwell, N. Garber, J. Galkiewicz, J. Eckman.** (21 June 2016). Water resources fellowships at the local level: Using the Knauss Sea Grant Fellows Program as a template. University Council on Water Resources/National Institute for Water Resources Annual Water Resources Conference. Pensacola Beach, FL.
- Hauxwell, J.** (13 June 2016). Wisconsin Sea Grant student engagement programming update. Wisconsin Sea Grant Advisory Council Meeting. Stevens Point, WI.
- Hauxwell, J., and J. Hurley.** (26 February 2016). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2017. Groundwater Research Advisory Council. Middleton, WI.
- Hauxwell, J.** (26 February 2016). Update on FY17 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. USGS Water Science Center, Middleton, WI.
- Hauxwell, J., and J. Hurley.** (9 February 2016). Wisconsin Water Resources Institute – Highlights on building bridges between research and society. National Institute for Water Resources (NIWR) Annual Directors' Meeting. Hotel George, Washington, D.C.
- Hauxwell, J.** (20 November 2015). Update on FY17 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. DATCP, Madison, WI.
- Hauxwell, J., and S. King.** (15 December 2015). Science communications and exploring the “And, But, Therefore” approach to telling science stories. National Conservation Leadership Institute Team 21 webinar/conference call.
- Hauxwell, J.** (20 November 2015). Update on FY17 State of Wisconsin Joint Solicitation for Groundwater Research and Monitoring Proposals. Wisconsin Groundwater Coordinating Council. DAATCP, Madison, WI.
- Washburn, E., J. Hauxwell, and J. Schomberg.** (18 November 2015). The story behind the River Talk sponsors: What the heck is a National Estuarine Research Reserve and a Sea Grant? Wisconsin and Minnesota Sea Grant-sponsored River Talk Series. Barkers Island Grille, Superior, WI.
- Hauxwell, J. and A. Rao.** (16 September 2015). Wisconsin Sea Grant research and student engagement programming updates. Wisconsin Sea Grant Advisory Council. UW-Madison, Madison, WI.
- Foley, C. and J. Hauxwell.** (13 August 2015). Overview of Illinois-Indiana-Wisconsin Sea Grant 2016-18 Omnibus Competition. II-WI Joint Technical Review Panel. University of Wisconsin-Madison Campus, Goodnight Hall, Madison, WI. (webinar/conference call).
- Foley, C., V. Brady, J. Hauxwell.** (6 August 2015). Overview of Great Lakes Sea Grant 2016-18 Omnibus Competition. Great Lakes Social Science Review Panel. University of Wisconsin-Madison Campus, Goodnight Hall, Madison, WI. (webinar/conference call).
- Hauxwell, J.** (4 August 2015). Overview of Wisconsin Sea Grant's 2016-18 Omnibus Competition. Wisconsin Sea Grant College Program Technical Review Panel and Advisory Council. University of Wisconsin-Madison Campus, Goodnight Hall, Madison, WI.
- Hauxwell, J.** (18 May 2015). Moving toward actionable science in conservation. National Conservation Leadership Institute Cohort 9 Graduation. Grand Canyon Village, AZ.
- Hauxwell, J.** (11 May 2015). UW Aquatic Sciences Center – Overview and opportunities for you. Water@UW-Madison – A Wisconsin Idea Symposium. Gordon Commons, UW-Madison, Madison, WI.

- Hauxwell, J.** (21 April 2015). Overview of Wisconsin Sea Grant's Research Program. Wisconsin Sea Grant College Program Site Review. University of Wisconsin-Madison Campus, Goodnight Hall, Madison, WI.
- Stewart, T., A. Duvall, M. Trollan, T. Wasley, C. Selberg, J. Hauxwell, R. Jacobson.** (9 April 2015). National Conservation Leadership Institute Cohort 9 Webinar – Dancing on the Edge.
- Hurley, J., J. Hauxwell, T. Liebmann, R. Dellinger, D. Hart, M. Harrington, V. Brady.** (26 March 2015). Prospective Investigators Meeting/Webinar – 2016-18 Minnesota-Wisconsin Sea Grant Omnibus Joint Request for Proposals. Madison, WI and Duluth, MN.
- Hurley, J., J. Hauxwell, T. Liebmann, R. Dellinger, D. Hart, M. Harrington.** (25 March 2015). Prospective Investigators Meeting - University of Wisconsin Sea Grant College Program's 2016-18 Omnibus Request for Proposals. Dejope Hall, Madison, WI.
- Hauxwell, J., and J. Hurley.** (19 February 2015). Review of State of Wisconsin Groundwater Research and Monitoring Proposals for State FY 2016. Groundwater Research Advisory Council. Middleton, WI.
- Hurley, J., J. Hauxwell, D. Hart, K. Schmitt Kline.** (15 December 2014). Informational webinar: University of Wisconsin Sea Grant College Program's 2016-18 Request for Proposals. Madison, WI.
- Hauxwell, J.** (15 September 2014). UW-Aquatic Sciences Center – Opportunities to expand your reach. UW Aquatic Sciences Center. Madison, WI.
- Hauxwell, J.** (28 April 2014). Fisheries and Aquatic Sciences Research updates and your future research needs. Wisconsin DNR Research Review Team. Science Operations Center. Madison, WI.
- Hauxwell, J.** (19 March 2014). Welcome to Science Services and Research Section overview. Wisconsin DNR Fisheries Management Orientation Training for New Employees. Madison, WI.
- Hauxwell, J.** (11 March 2014). Science Services updates and your future research needs. Wisconsin DNR Water Resources Statewide Meeting. UWSP Treehaven. Tomahawk, WI.
- Hauxwell, J.** (11 November 2013). Research priorities and process. Water Resources PMT, Woodruff, WI.
- Jennings, M.** and J. Hauxwell. (10 October 2012). WDNR Fisheries and Aquatic Sciences Research update – People, priorities, projects. WDNR Fisheries Biologists / Supervisors Meeting, Wausau, WI.
- Hauxwell, J.** (3 October 2012). WDNR Fisheries and Aquatic Sciences Research overview – People, priorities, projects. Water Quality Bureau New Employee Orientation, Kemp Station, WI.
- Hauxwell, J.** (2 October 2012). WDNR Fisheries and Aquatic Sciences Research overview – People, priorities, projects. Water Quality Bureau Policy and Management Team, Kemp Station, WI.
- Hauxwell, J.** (31 July 2012). WDNR Fisheries and Aquatic Sciences Research overview – People, priorities, projects. WDNR Research Review Team Meeting, Madison, WI.
- Hauxwell, J.** (8 February 2012). WDNR Fisheries and Aquatic Sciences Research overview and current projects. WDNR Water Quality Biologists' Annual Meeting, Treehaven, WI.
- Invited talk.**
- Hauxwell, J.** (1 February 2012). The role of science in aquatic resource use and sustainability. University of Wisconsin-Madison Aquatic Sciences Center, Madison, WI. **Invited talk.**
- Hauxwell, J.** (16 November 2010). Overview of the WDNR Fisheries and Aquatic Sciences Research Program. MN DNR Fisheries Research Meeting, Duluth, MN. **Invited talk.**
- Hauxwell, J.** (29 September 2010). Overview of the WDNR Fisheries and Aquatic Sciences Research Program. WDNR Northern Region Fisheries Management Meeting, Cable, WI. **Invited talk.**

- Sullivan, J., J. Hauxwell, K. Martin, and colleagues.** (23 February 2010). Research and the role of research scientists at the Wisconsin DNR. Natural Resources Board meeting, Madison, WI.
- Hauxwell, J.** (21 January 2009). Overview of the Fisheries and Aquatic Sciences Research Program. Wisconsin DNR Fisheries Management Statewide Training Meeting, Wisconsin Dells, WI. **Invited talk.**
- Hauxwell, J.** (18 September 2008). WDNR Fisheries and Aquatic Sciences Research Program: Aquatic research to support fisheries and watershed management. Wisconsin DNR Fisheries Management Orientation Training, Woodruff, WI. **Invited talk.**
- Hauxwell, J.** (31 May 1995). Overview of the Waquoit Bay Land Margin Ecosystem Research Program for the Society of Wetland Scientists, Falmouth, MA.

Presentations of Research to Support Natural Resources Management and Policy Decisions

- Mikulyuk, A.,** K. Wagner, D. Oele, J. Hauxwell. (16 October 2014). What do the plants say? Assessing ecological impairment using aquatic macrophytes. Science in the Northwoods Conference. Minoqua, WI.
- Barton, M. A.** Mikulyuk, M. Nault, K. Wagner, J. Hauxwell, S. Van Egeren, T. Asplund, J. Skogerboe, S. Jones, J. Leverance, S. Graham. (January 9, 2014). Early season 2,4-D herbicide and deep harvesting treatment effects on Eurasian watermilfoil (*Myriophyllum spicatum*) and native macrophytes in Turville Bay, Lake Monona, Dane County, Wisconsin. Dane County Lakes and Watershed Commission Meeting, Madison WI.
- Barton, M.,** A. Mikulyuk, M. Nault, K. Wagner, J. Hauxwell, S. Van Egeren, T. Asplund, J. Skogerboe, S. Jones, J. Leverance, and S. Graham. (18 November 2013). Early season 2,4-D herbicide and deep harvesting treatment effects on Eurasian watermilfoil (*Myriophyllum spicatum*) and native macrophytes in Turville Bay, Lake Monona, Dane County, Wisconsin. Dane County Public Information Meeting. Madison, WI.
- Nault, M.,** M. Barton, J. Hauxwell, K. Wagner, and A. Mikulyuk. (7 March 2013). Utilizing science to guide APM in Wisconsin. Wisconsin DNR Biologists Meeting, Tomahawk, WI.
- Nault, M.,** M. Barton, K. Wagner, A. Mikulyuk, J. Hauxwell. (20 February 2013). Aquatic macrophyte research in Wisconsin. Annual Lakes Partnership Research Summaries. Wisconsin Lakes Partnership Meeting. Boulder Junction, WI.
- Nault, M.** and J. Hauxwell (18 September 2012). Results of Governor's Council Aquatic Plants and Algae Species Assessment Group for classifying 42 new or previously-classified "caution" species: Research & Regulations Committee. Wisconsin Invasive Species Council (WISC).
- Hauxwell, J.** (18 September 2012). WDNR Fisheries and Aquatic Sciences Research overview – People, priorities, projects. Fisheries Management Board, Fitchburg, WI.
- Nault, M.,** T. Asplund, J. Hauxwell, M. Barton, and J. Skogerboe. (28 March 2012). Evaluation of statewide AIS control projects. Eurasian watermilfoil research meeting, Rhinelander, WI.
- Nault, M.,** T. Asplund, J. Hauxwell, M. Barton, and J. Skogerboe. (22 February 2012). Herbicide concentration monitoring projects. Lake Technical Team Meeting, Stevens Point, WI.
- Nault, M.,** T. Asplund, J. Hauxwell, M. Barton, and J. Skogerboe. (14 February 2012). EWM research and herbicide treatment synthesis. APM Applicator Meeting, Oshkosh, WI.
- Nault, M.,** M. Barton, T. Asplund, J. Hauxwell., and J. Skogerboe. (19 January 2012). Herbicide treatment synthesis. Wisconsin Lake Partnership Meeting, Wausau, WI.
- Hauxwell, J., G. LaLiberte, M. Werner, and T. Asplund.** (28 September 2011). Blue-green algae in Wisconsin waters: cause and locations of blooms, Department monitoring program, ecology and ecological effects, and human health. Wisconsin Natural Resources Board, Kenosha, WI. (The NRB is comprised of 7 Governor-appointed members and sets policy for

- the Department of Natural Resources and exercises authority and responsibility in accordance with governing state statutes). **Invited talk.**
- Mikulyuk, A.,** J. Hauxwell, M. Nault. (30 March 2011). Contrasting the effects of early-season harvesting and chemical treatment in Lake Monona (Madison, WI). Dane County Public Information Meeting, Madison, WI. **Invited talk.**
- Barton, M.,** K. Wagner, M. Nault, A. Mikulyuk, S. Van Egeren, J. Hauxwell, S. Knight, J. Skogerboe, T. Asplund. (10 February 2011). Evaluation of aquatic macrophyte research: Helping explain aquatic macrophyte community composition in Wisconsin. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes), Quarterly meeting, Wausau, WI. **Invited talk.**
- Wagner, K.,** M. Balfour, M. Nault, A. Mikulyuk, S. Van Egeren, J. Hauxwell, S. Knight, J. Skogerboe, T. Asplund. (10 February 2011). Evaluation of aquatic macrophyte research. Wisconsin Lakes Partnership Quarterly meeting in Wausau, WI. **Invited talk.**
- Nault, M.,** J. Hauxwell, A. Mikulyuk, T. Asplund, J. Skogerboe, M. Balfour, S. Van Egeren, and K. Wagner. (10 February 2011). Long term trends in Eurasian watermilfoil populations and evaluation of statewide management projects. Wisconsin Lake Partnership Meeting, Wausau, WI.
- Wagner, K., M. Balfour, M. Nault,** A. Mikulyuk, S. Van Egeren, J. Hauxwell, S. Knight, J. Skogerboe, T. Asplund. (27 January 2011). Wisconsin DNR Statewide Watershed Biologists Meeting: Science Services aquatic macrophyte research. **Invited talk.**
- Nault, M.,** J. Hauxwell, A. Mikulyuk, T. Asplund, and J. Skogerboe. (20 January 2011). Evaluation of statewide Eurasian Watermilfoil control projects. Eurasian watermilfoil research meeting, Eau Claire, WI.
- Nault, M.,** J. Hauxwell, A. Mikulyuk, T. Asplund, and J. Skogerboe. (19 January 2011). Evaluation of statewide Eurasian watermilfoil control projects. Eurasian watermilfoil research meeting, Rhinelander, WI.
- Nault, M.,** J. Hauxwell, A. Mikulyuk, T. Asplund, and J. Skogerboe. (18 January 2011). Evaluation of statewide Eurasian watermilfoil control projects. Eurasian watermilfoil research meeting, Green Bay, WI.
- Wagner, K.,** M. Balfour, M. Nault, A. Mikulyuk, S. Van Egeren, J. Hauxwell, S. Knight, J. Skogerboe, T. Asplund. (27 January 2011). Science Services aquatic macrophyte research. Wisconsin DNR Statewide Water Quality Biologists Meeting in Tomahawk, WI. **Invited talk**
- Mikulyuk, A.,** J. Hauxwell, S. Van Egeren, M. Nault and M. Balfour. (1 November 2010). Predicting the invasion success of EWM: State of the science and current research. Aquatic Invasive Species Coordinator's Meeting, Stevens Point, WI. **Invited Talk.**
- Mikulyuk A.,** J. Hauxwell, S. Knight, M. Nault, S. Van Egeren and M. Balfour. (1 October 2010). Aquatic macrophyte research in the Northwoods. Science in the Northwoods Conference, Boulder Junction, WI. Available from http://limnology.wisc.edu/Science_in_the_Northwoods.php
- Mikulyuk, A., **J. Hauxwell,** M. Nault, and S. Van Egeren. (24 September 2010). Predicting invasion success of Eurasian watermilfoil (and Curly-leaf pondweed) state of the science and current research. Workshop on Aquatic Plant Management Issues in the Upper Midwest, Lansing, MI. Hosted by the Michigan Dept. of Natural Resources and Environment (MI DNRE) / Sponsored by the US Army ERDC Water Operations Technical Support (WOTS) Program. **Invited talk.**
- Hauxwell, J.,** A. Mikulyuk, M. Nault, S. Knight, S. Van Egeren, M. Balfour, T. Asplund, and colleagues. (14 September 2010). Science to support natural resource management of aquatic invasive species. Aquatic Ecology and Human Impacts on Lake Ecosystems Session of the Wisconsin Lake Leaders Institute, Seminar II, Kemp Natural Resources Station, Woodruff, WI. **Invited talk.**

- Mikulyuk A.**, J. Hauxwell, S. Van Egeren, M. Nault and colleagues. (12 April 2010). Turville Bay Aquatic Plant Management Project: Research update. Dane County Public Information Meeting, Madison, WI. **Invited talk.**
- Nault, M.**, J. Hauxwell, A. Mikulyuk. (7 April 2010). Evaluation of statewide Eurasian watermilfoil control projects. Eurasian watermilfoil research meeting, Oshkosh, WI. **Invited talk.**
- Mikulyuk, A.**, J. Hauxwell, S. Knight, S. Van Egeren, M. Nault, P. Rasmussen, and colleagues. (2 March 2010). Overview of aquatic plant related research activities: monitoring, milfoil, and land use. Wisconsin DNR Watershed Biologists Statewide Training Meeting; Central Wisconsin Environmental Station, Amherst Junction, WI. **Invited talk.**
- Nault, M.**, A. Mikulyuk, and J. Hauxwell. (22 February 2010). Evaluation of statewide Eurasian watermilfoil projects. Wisconsin DNR Northern Region Eurasian Watermilfoil Research Meeting, Rhinelander, WI. **Invited talk.**
- Nault, M.**, J. Hauxwell, A. Mikulyuk, and M. Porzky. (15 October 2009): Evaluation of large-scale Eurasian watermilfoil control projects. Aquatic Invasive Species Statewide Fall Planning Meeting for State and County AIS Coordinators, Stevens Point, WI. **Invited talk.**
- Hauxwell, J.**, S. Knight, A. Mikulyuk, and M. Nault. (7 May 2009). Science to support natural resource management of aquatic invasive plants. Wisconsin DNR Fisheries Management Seminar Series, Madison, WI. **Invited talk.**
- Mikulyuk, A.**, and **M. Nault**, J. Hauxwell. (19 March 2009). Establishing a scientific framework for aquatic plant management in Wisconsin. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes), Wisconsin Lakes Convention, Green Bay, WI. **Invited talk.**
- Mikulyuk, A.**, J. Hauxwell, S. Knight, M. Nault. (12 March 2009). Summary of macrophyte results from an adaptive restoration project in Turville Bay, Lake Monona. Dane County Lakes and Watershed Committee Meeting, Madison, WI. **Invited talk.**
- Nault, M.**, A. Mikulyuk, and J. Hauxwell. (8 January 2009). Aquatic plant response to whole lake early season 2,4-D treatment in Bayfield County (Sandbar/Tomahawk). Wisconsin DNR Lakes Technical Team, Stevens Point, WI. **Invited talk.**
- Mikulyuk, A.**, M. Nault, and J. Hauxwell. (8 January 2009). Aquatic plant response to early season 2,4-D treatment and harvesting in Dane County (Turville Bay, Monona). Wisconsin DNR Lakes Technical Team, Stevens Point, WI. **Invited talk.**
- Mikulyuk, A.**, J. Hauxwell, S. Knight, M. Nault. (17 November 2008). Aquatic plant research program updates and future research directions. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Oshkosh, WI. **Invited talk.**
- Mikulyuk, A.**, J. Hauxwell, M. Nault. (15 October 2008). Science to inform management of Eurasian watermilfoil. Aquatic Invasive Species Statewide Idea Exchange for State and County AIS Coordinators, Stevens Point, WI. **Invited talk.**
- Wisconsin DNR Public Hearings for Proposed NR 40 – Invasive Species Classification, Identification, and Control Rule; Madison (**Cummings-Carlson and Flaherty**), Milwaukee (**Cummings-Carlson and Flaherty**), Green Bay (**Hauxwell and Flaherty**), La Crosse (**Horns and Flaherty**), Spooner (**Hauxwell and Flaherty**), and Wausau (**Hauxwell and Flaherty**), WI. (14-26 August 2008). NR 40: A proposed rule to minimize the spread of invasive species. Team members attending: P. Flaherty, J. Hauxwell, J. Cummings-Carlson, B. Horns, K. Kearns, T. Boos, and D. Matheys.
- Hauxwell, J.** (18 April 2008). Invasives beware: An overview of Wisconsin's (draft) invasive species rule – aquatic plants and algae. Wisconsin Lakes Convention; Green Bay, WI. **Invited talk.**

- Hauxwell, J.** (17 April 2008). Establishing a scientific framework for Eurasian watermilfoil management in WI and proposed invasive species rule NR 40. Wisconsin Lakes Convention, Green Bay, WI. **Invited talk.**
- Jones, S., J. Leverance, T. Asplund, J. Skogerboe, and J. Hauxwell.** (31 March 2008). Overview of an experiment to assess the efficacy and ecological effects of potential aquatic plant management approaches using early season herbicides and harvesting. Dane County Public Informational Meeting, Madison, WI. **Invited talk.**
- Mikulyuk, A., S. Knight, J. Hauxwell, P. Rasmussen, and M. Nault.** (23 January 2008). Statistical tools for analyzing effects of aquatic plant management: Automated stats tool, power analysis, and applications. Wisconsin DNR Lakes Technical Team, Stevens Point, WI.
- Kearns, K., J. Cummings-Carlson, T. Boos, J. Hauxwell, D. Matheys, R. Martin, B. Horns, and P. Flaherty.** (10-17 January 2008). Keeping Wisconsin: A proposed rule to minimize the spread of invasive species. Wisconsin DNR Staff and Public Listening Sessions for Proposed NR 40 – Invasive Species Classification, Identification, and Control Rule; Spooner, Rhinelander, Madison, Milwaukee, Green Bay, La Crosse, WI
- Hauxwell, J.** (17 October 2007). Results of the Invasive Species Assessment Group evaluations for aquatic plants and algae. Governor’s Council on Invasive Species Meeting, Madison, WI. **Invited talk.**
- Jones, S., J. Leverance, T. Asplund, J. Skogerboe, J. Hauxwell.** (12 July 2007). Overview of an experiment to assess the efficacy and ecological effects of potential aquatic plant management approaches using early season herbicides and harvesting. Dane County Public Informational Meeting, Madison, WI. **Invited talk.**
- Hauxwell, J., S. Knight, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely.** (5 March 2007). Testing and implementing a statewide protocol for assessing aquatic plant communities in Wisconsin. Midwest Aquatic Plant Management Society, Milwaukee, WI. **Invited talk.**
- Hauxwell, J., A. Mikulyuk, M. Nault, K. Wagner, and S. Knight.** (26 February 2007). Science Services aquatic plant survey results by region and lake type. Wisconsin DNR Lakes Assessment Team Meeting, Madison, WI.
- Wagner, K., J. Hauxwell, S. Knight, A. Mikulyuk, and D. Ridgely.** (9 February 2007). Establishing a scientific framework for managing Eurasian watermilfoil in Wisconsin. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Wausau, WI.
- Wagner, K., J. Hauxwell, S. Knight, A. Mikulyuk, and D. Ridgely.** (7 February 2007). Establishing a scientific framework for managing Eurasian watermilfoil in Wisconsin. Wisconsin DNR Bureau of Science Services statewide meeting, Wisconsin Rapids, WI.
- Mikulyuk, A., J. Hauxwell, S. Knight, K. Wagner, P. Rasmussen, and D. Ridgely.** (7 February 2007) Testing and implementing a statewide protocol for assessing aquatic plant communities in Wisconsin. Wisconsin DNR Bureau of Science Services statewide meeting, Wisconsin Rapids, WI. (*awarded best presentation*)
- Hauxwell, J., A. Mikulyuk, K. Wagner, and S. Knight.** (8 January 2007). Overview of Science Services aquatic plant surveys. Wisconsin DNR Lakes Assessment Team Meeting, Madison, WI
- Hauxwell, J., S. Knight, K. Wagner, A. Mikulyuk, M. Nault.** (30 November 2006). Aquatic plant research – Accomplishments from the last biennium and potential research items for the next. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Green Lake, WI. **Invited talk.**
- Hauxwell, J., A. Mikulyuk, S. Knight, K. Wagner.** (28 September 2006). Overview of 2006 aquatic plant surveys. Wisconsin Lakes Partnership (Wisconsin DNR, University of

- Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Hayward, WI. **Invited talk.**
- Hauxwell, J., A. Mikulyuk, K. Wagner, and **S. Knight**. (20 July 2006). A framework for studying Eurasian watermilfoil. Northern Regional Lakes Conference, An Evening with AIS Researchers, Minocqua, WI. **Invited talk.**
- Hauxwell, J.**, A. Mikulyuk, K. Wagner, and S. Knight. (20 June 2006). Setting a framework for informed discussion of Eurasian watermilfoil's status, effects, and management. WI DNR / MN DNR / US Army Corps of Engineers Research Development Center. Aquatic Plant Management Technical Discussion: Aquatic Herbicides as a Restoration Tool. Fall Creek, WI. **Invited talk.**
- Hauxwell, J.**, S. Knight, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely. (27 April 2006). Testing and implementing a statewide protocol for assessing aquatic plant communities in Wisconsin. Minnesota DNR / University of Minnesota, Meeting on the Ecology of Submersed Aquatic Plants, St. Paul, MN **Invited talk.**
- Hauxwell, J.**, A. Mikulyuk, K. Wagner, and S. Knight. (27 April 2006) Setting a framework for informed discussion of Eurasian watermilfoil's status, effects, and management. Minnesota DNR / University of Minnesota, Meeting on the Ecology of Submersed Aquatic Plants, St. Paul, MN. **Invited talk.**
- Hauxwell, J.**, **S. Knight**, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely. (13 April 2006). Baseline sampling of aquatic plants in WI lakes. Wisconsin Lakes Convention; Green Bay, WI. **Invited talk.**
- Hauxwell, J.** and K. Wagner. (22 March 2006). Magic potion for our lakes? Assessing the potential use of fluridone in the Madison chain of lakes. Dane County Board - Aquatic Plant Management Committee, Fitchburg, WI. **Invited speaker.**
- Cunningham, P.**, **T. Asplund**, and **J. Hauxwell**. (9 March 2006). Development of an Eagle Lake management plan: managing milfoil with fish. WDNR Bureau of Fisheries and Habitat Protection Seminar Series, Madison, WI. **Invited speakers.**
- Hauxwell, J.**, A. Mikulyuk, P. Rasmussen, S. Knight, and K. Wagner. (12 January 2006). Sampling effort analysis for baseline aquatic plant surveys – or, are all of those points *really* necessary? Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Wausau, WI. **Invited talk.**
- Hauxwell, J.** and K. Wagner. (10 November 2005). Ecological effects of whole-lake chemical treatments for Eurasian watermilfoil. North American Lake Management Society, Madison, WI
- Hauxwell, J.**, S. Knight, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely. (27 October 2005). Results of 2005 statewide aquatic plant sampling using a new protocol. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Holcombe, WI. **Invited talk.**
- Hauxwell, J.**, K. Wagner, A. Mikulyuk, and S. Knight. (27 October 2005). Results of Eurasian watermilfoil statewide survey. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Holcombe, WI. **Invited talk.**
- Hauxwell, J.**, K. Wagner, and A. Mikulyuk. (28 October 2005). Ecological effects of whole-lake chemical treatments for Eurasian watermilfoil. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes) Quarterly meeting, Holcombe, WI. **Invited talk.**
- Hauxwell, J. and **K. Wagner**. (April 2005). Eurasian watermilfoil survey results for WI. Wisconsin Lakes Convention; Green Bay, WI. **Invited talk.**

- Hauxwell, J.** and K. Wagner. (24 March 2005). Ecological effects of whole-lake chemical treatments: review of existing data. Division of Ecological Services, MN DNR, Winter Aquatic Plant Meeting, St. Paul, MN. **Invited talk.**
- Hauxwell, J.** and K. Wagner. (16 and 17 December 2003). Ecological effects of whole-lake chemical treatments for Eurasian watermilfoil. Wisconsin Department of Natural Resources, Bureau of Fisheries Management and Habitat Protection, Aquatic Plant Management / Industry Meeting; Wisconsin Dells, WI. **Invited talk.**
- Hauxwell, J.,** M. Steinhardt, and K. Wagner. (16 December 2003). Comparison of methodologies for statewide aquatic plant sampling: transect vs point-intercept design? Wisconsin Department of Natural Resources, Bureau of Fisheries Management and Habitat Protection, Aquatic Plant Management Meeting, Wisconsin Dells, WI. **Invited talk.**
- Osenberg, C.,** J. Hauxwell, and T. Frazer. (December 2002). Effect of competition and herbivory on restoration of a native macrophyte (*Vallisneria americana*). St. Johns River Water Management District, FL.

Invited Seminars/Lectures

- Mikulyuk, A.,** K. Wagner and J. Hauxwell. (12 December 2012). Using aquatic macrophytes to assess lake biotic integrity. Presentation at Limnology and Marine Sciences Seminar Series, Center for Limnology, Madison WI.
- Hauxwell, J.,** S. Knight, A. Mikulyuk, and M. Nault. (19 March 2009). Controlling and managing aquatic invasive species. Wisconsin Lakes Partnership (Wisconsin DNR, University of Wisconsin Extension, and Wisconsin Association of Lakes), Wisconsin Lakes Convention, Green Bay, WI. **Invited plenary.**
- Hauxwell, J.** (11 December 2008). Science to support natural resource management of aquatic ecosystems. University of Wisconsin-Madison, Limnology course guest lecture, Madison, WI **Invited course lecture (165 students).**
- Hauxwell, J.** (27 January 2006). Effects of nutrients and invasive plants on primary production in coastal and inland aquatic systems: patterns, processes, and management. Michigan State University, Department of Fisheries and Wildlife Seminar; Lansing, MI. **Invited seminar.**
- Hauxwell, J.** (17 January 2006). Effects of nutrients and invasive plants on primary production in coastal and inland aquatic systems: patterns, processes, and management. Grand Valley State University, Department of Biology Seminar; Allendale, MI. **Invited seminar.**
- Hauxwell, J.** (17 January 2006). Science to support natural resource management of aquatic ecosystems. Grand Valley State University, Introduction to Natural Resource Management course (NRM 150) guest lecture; Allendale, MI. **Invited course lecture.**
- Hauxwell, J.** (23 February 2004). Effects of nutrients and invasive plants on primary production in coastal and inland aquatic systems: detecting patterns and understanding processes. Michigan State University, Department of Plant Biology Seminar, Lansing, MI. **Invited seminar.**
- Hauxwell, J.** (2 June 2003). Relationship between land-derived nutrient loads and primary production in coastal and inland waters: patterns and processes. United States Geological Survey, Upper Midwest Environmental Sciences Center, Aquatic Sciences Branch Seminar, La Crosse, WI. **Invited seminar.**
- Hauxwell, J.** (21 February 2002). Relationship between land-derived nutrient loads and seagrass loss in temperate estuaries: patterns and processes. Wisconsin Department of Natural Resources, Bureau of Integrated Science Services; 2002 Research Seminar Series, Monona, WI. **Invited seminar.**
- Hauxwell, J.** (31 January 2002). Global alterations to primary production in nearshore environments: a result of anthropogenic nutrient loading from watersheds to estuaries. University of Wisconsin, Department of Botany Colloquium, Madison, WI. **Invited seminar.**

- Hauxwell, J.**, J. Cebrian, and I. Valiela. (10 January 2002). Macroalgal canopies contribute to eelgrass (*Zostera marina*) decline in temperate estuaries. Maryland Department of Natural Resources; Workshop on "Understanding the Role of Macroalgae in Shallow Estuaries," Maritime Institute, Linthicum, MD. **Invited talk.**
- Hauxwell, J.** (8 August 2001). Global alterations to primary production in nearshore environments: a result of anthropogenic nutrient loading from watersheds to coastal waters. Oregon State University, College of Oceanic and Atmospheric Sciences Seminar, Corvallis, OR. **Invited seminar.**
- Hauxwell, J.** (20 March 2001). Relationship between land-derived nutrient loads and seagrass loss in temperate estuaries: Patterns, processes, and management implications. University of Florida, Department of Zoology Seminar, Gainesville, FL. **Invited seminar.**
- Hauxwell, J.** (9 September 2000). Relationship between land-derived nutrient loads and seagrass loss in temperate estuaries: Patterns, processes, and management implications. University of Florida, Department of Fisheries and Aquatic Sciences Seminar, Gainesville, FL. **Invited seminar.**
- Hauxwell, J.** (28 July 2000). Nutrient supply and grazing as controls of biomass and community structure of benthic macrophytes in shallow temperate ecosystems. Boston University Dissertation Defense, Marine Biological Laboratory, Woods Hole, MA.
- Hauxwell, J.** (8 May 2000). Nitrogen supply and grazing as controls of benthic macrophyte community structure in estuarine ecosystems. Boston University Marine Program Seminar, Marine Biological Laboratory, Woods Hole, MA.
- Hauxwell, J.** (1995, 1996, 1997, 1998). Interaction between grazing and nutrient controls of seaweed biomass and community structure in Waquoit Bay. Boston University Marine Program Seminar, Marine Biological Laboratory, Woods Hole, MA.

Scientific Conference Presentations (Oral)

- Mikulyuk, A.**, Wagner, K., Hauxwell, J. (November 2012). Assessing impairment in aquatic macrophytes considering environmental and spatial constraints. North American Lake Management Society Meeting, Madison, WI.
- Barton, M.**, Alison Mikulyuk, and Michelle Nault, John Skogerboe, Kelly Wagner, Jennifer Hauxwell, and Scott Van Egeren. (30 October 2012). Chemical and mechanical treatments on Eurasian Watermilfoil abundance: Implications for management. The Upper Midwest Invasive Species Conference (UMISC). La Crosse, WI.
- Nault, M.**, J. Skogerboe, T. Asplund, J. Hauxwell, and M. Barton. (30 October 2012). Evaluation of herbicide applications for control of Eurasian watermilfoil (*Myriophyllum spicatum*). The Upper Midwest Invasive Species Conference (UMISC), La Crosse, WI.
- Wagner, K.**, A. Mikulyuk, S. Van Egeren and J. Hauxwell. (29 October 2012). Availability of aquatic invasives through the live plant trade and landscape risk. The Upper Midwest Invasive Species Conference (UMISC), La Crosse, WI.
- Nault, M.** and J. Hauxwell (22 October 2012). Aquatic plant and algae species assessment group (SAG) recommended NR40 rankings. The Wisconsin Council on Invasive Species in Fitchburg, WI.
- Wagner, K.**, A. Mikulyuk, S. Van Egeren and J. Hauxwell. (October 2012). Availability of aquatic invasives through the live plant trade and landscape risk. The Upper Midwest Invasive Species Conference (UMISC). La Crosse, WI.
- Nault, M.**, T. Asplund, J. Hauxwell, M. Barton, and J. Skogerboe. (28 February 2012). Effects of whole lake early season 2,4-D on Eurasian Watermilfoil (*Myriophyllum spicatum*). Midwest Aquatic Plant Management Society Meeting, Milwaukee, WI.
- Nault, M.**, T. Asplund, J. Hauxwell, M. Barton, and J. Skogerboe. (27 February 2012). What we're learning from herbicide residual monitoring following treatments for Eurasian

- Watermilfoil (*Myriophyllum spicatum*) in Wisconsin. Midwest Aquatic Plant Management Society Meeting, Milwaukee, WI.
- Mikulyuk, A.**, J. Hauxwell, M. Nault, S. Van Egeren. (9 November 2010). Contrasting the effects of early-season harvesting and chemical treatment in Lake Monona (Madison, WI). Minnesota-Wisconsin Invasive Species Conference, St. Paul, MN.
- Nault, M.**, J. Hauxwell, A. Mikulyuk, M. Nault and S. van Egeren. (9 November 2010). Effects of whole-lake early season 2,4-D on Eurasian watermilfoil (*Myriophyllum spicatum*). Minnesota-Wisconsin Invasive Species Conference, St. Paul, MN.
- Van Egeren, S.**, J. Hauxwell, A. Mikulyuk and M. Nault. (9 November 2010). Invasion trajectories and population trends of Eurasian watermilfoil (*Myriophyllum spicatum*) in Wisconsin. Minnesota-Wisconsin Invasive Species Conference, St. Paul, MN.
- Balfour, M.**, J. Hauxwell, A. Mikulyuk, M. Nault and S. Van Egeren. (9 November 2010). Invasive aquatic species on our door step: The need for vigilant neighbors. Minnesota-Wisconsin Invasive Species Conference, St. Paul, MN.
- Hauxwell, J.**, S. Knight, A. Mikulyuk, and M. Nault. (13 July 2009). Science to support natural resource management of aquatic invasive plants. National Aquatic Plant Management Society Meeting, Milwaukee, WI. **Invited talk.**
- Hauxwell, J.**, S. Knight, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely. (10 November 2006). Testing and implementing a statewide protocol for assessing aquatic plant communities in Wisconsin. North American Lake Management Society, Indianapolis, IN.
- Hauxwell, J.**, S. Knight, A. Mikulyuk, K. Wagner, P. Rasmussen, and D. Ridgely. (8 June 2006). Testing and implementing a statewide protocol for assessing aquatic plant communities in Wisconsin. American Society of Limnology and Oceanography, Victoria, B.C.
- Hauxwell, J.** North American Lake Management Society, Madison, WI (9 and 10 November 2005): Moderator, Aquatic Invasive Plants sessions I, IV, and V.
- Canny, L.**, M. Bozek, J. Hauxwell, and K. Wagner. (15 September 2005). Response of macrophytes to human perturbation in Wisconsin lakes. American Fisheries Society; Anchorage, AK.
- Canny, L.**, M. Bozek, J. Hauxwell, and K. Wagner. (14 December 2004). Response of macrophyte communities to human development. Midwest Fish and Wildlife Conference, Indianapolis, IN
- Cebrian, J.**, and J. Hauxwell. (June 2004). Phytoplankton-macroalgae interactions at high levels of anthropogenic eutrophication: Does intense water-column shading often lead to macroalgal decline? American Society of Limnology and Oceanography, Savannah, GA.
- Hauxwell, J.** and K. Wagner. (8 March 2004). Ecological effects of whole-lake chemical treatments of Eurasian watermilfoil. Midwest Chapter of the Aquatic Plant Management Society, Chicago, IL. **Invited talk.**
- Hauxwell, J., **C. Osenberg**, and T. Frazer. (21 August 2002): Effect of competition and herbivory on restoration of a native macrophyte (*Vallisneria americana*). American Fisheries Society, Baltimore, MD.
- Hauxwell, J., **C. Osenberg**, and T. Frazer. (5 August 2002): Effect of competition and herbivory on restoration of a native macrophyte (*Vallisneria americana*) in a spring-fed estuary. Ecological Society of America, Tucson, AZ.
- Hauxwell, J.**, C. Osenberg, and T. Frazer. (8 November 2001). Effect of competing primary producers and herbivory on success of transplants of a native macrophyte (*Vallisneria americana*) in Kings Bay, FL, USA. Estuarine Research Federation, St. Pete Beach, FL.
- Hauxwell, J.**, J. Cebrian, and I. Valiela. (30 September 1999). Effect of macroalgal shading on eelgrass production: understanding eelgrass decline associated with eutrophication. Estuarine Research Federation, New Orleans, LA.

- Hauxwell, J.**, J. Cebrian, and I. Valiela. (1 February 1999): Effect of macroalgal shading on eelgrass biomass and growth: understanding eelgrass decline associated with eutrophication. American Society of Limnology and Oceanography; Sante Fe, NM. **Invited talk.**
- Hauxwell, J.**, J. Cebrian, and I. Valiela. (23 October 1998). Effect of macroalgal shading on eelgrass biomass and growth: understanding eelgrass decline associated with eutrophication. New England Estuarine Research Society, Falmouth, MA.
- Hauxwell, J.**, J. McClelland, P. Behr, and I. Valiela. (13 October 1997). Relative importance of grazing and nutrient controls of macroalgal biomass in three temperate shallow estuaries. Estuarine Research Federation, Providence, RI.
- Hauxwell, J.**, J. McClelland, P. Behr, and I. Valiela. (4 April 1997). Relative importance of grazing and nutrient controls of macroalgal biomass in three temperate shallow estuaries. Benthic Ecology Meeting, Portland, ME.
- Hauxwell, J.** and I. Valiela. (August 1993). Top-down and bottom-up controls of macroalgal biomass in Waquoit Bay. General Scientific Meeting of the Woods Hole Marine Biological Laboratory, Woods Hole, MA.

Scientific Conference Presentations (Poster)

- Wagner, K.I.**, A. Mikulyuk, S. Van Egeren, J. Hauxwell. (3 June 2014). Landscape risk assessment of invasive aquatic plants in southeast Wisconsin ponds. Invited poster presentation. Great Lakes Briefs on Invasive Organisms Traded in Commerce, Milwaukee, WI.
- Wagner, K.I.**, C. Seeley-Schreck, A. Mikulyuk, S. Van Egeren, J. Hauxwell. (25 April 2014). Aquatic plants in trade: reducing the retail availability of invasives in Wisconsin. Poster presentation. Wisconsin Lakes Convention, Steven's Point, WI.
- Barton, M.**, M. Nault, A. Mikulyuk, K. Wagner, and J. Hauxwell. Early season 2,4-D herbicide and harvesting treatment effects on Eurasian watermilfoil in Turville Bay Lake Monona, Dane County. Poster Presentation. 2014 Wisconsin Lakes Convention. Steven's Point, WI. April 25, 2014.
- Nault, M.**, M. Barton, A. Mikulyuk, K. Wagner, and J. Hauxwell. (25 April 2014). Capturing a decade of aquatic plant research in Wisconsin. Poster Presentation. 2014 Wisconsin Lakes Convention, Steven's Point, WI.
- Frater, P.**, M. Nault, M. Barton, A. Mikulyuk, K. Wagner, and J. Hauxwell. (25 April 2014). Long-term trends in statewide Eurasian watermilfoil populations. Poster Presentation. 2014 Wisconsin Lakes Convention, Steven's Point, WI.
- Barton, M.**, A. Mikulyuk, J. Hauxwell, M. Nault, S. Van Egeren, T. Asplund, S. Graham, S. Jones, J. Leverance, and J. Skogerboe. (10 April 2013). Early season 2,4-D herbicide and harvesting treatment effects on Eurasian watermilfoil in Turville Bay – Lake Monona, Dane County. 2013 Wisconsin Lakes Partnership Convention, Green Bay, WI.
- Barton, M.**, A. Mikulyuk, J. Hauxwell, M. Nault, S. Van Egeren, T. Asplund, S. Graham, S. Jones and J. Leverance, J. Skogerboe. (1 March 2013). Early season 2,4-D herbicide and harvesting treatment effects on Eurasian watermilfoil in Turville Bay – Lake Monona, Dane County. Poster presented at WDNR Science Services Open House, Madison, Wisconsin.
- Nault, M.**, M. Barton, J. Hauxwell, A. Mikulyuk, K. Wagner, J. Skogerboe. (1 March 2013). Science to support strategic investment in invasives prevention & management. Poster presented at WDNR Science Services Open House, Madison, Wisconsin.
- Barton, M.**, A. Mikulyuk, J. Hauxwell, M. Nault, S. Van Egeren, T. Asplund, S. Graham, S. Jones, J. Leverance and John Skogerboe. November 2012. Early season 2,4-D herbicide and harvesting treatment effects on Eurasian watermilfoil in Turville Bay – Lake Monona, Dane County. Poster presented at North American Lake Management Society, Yahara Lakes Special Session. Madison, Wisconsin.

Hauxwell, J., **A. Mikulyuk, M. Nault** and S. Knight. (February 2009). Aquatic plant monitoring & research. Wisconsin DNR Statewide Integrated Science Services Bureau Meeting, Rothschild, WI. Poster Session.

PROFESSIONAL FELLOWSHIP OPPORTUNITIES CREATED

Developed multiple professional fellowship series or unique opportunities through partnership between UW-Madison and state and federal agencies and placed a total of 43 postgraduate fellows since 2015, leveraging agency funds 4:1 with center investments. This program was highlighted as a best practice across the national Sea Grant Network. More here - <https://www.seagrant.wisc.edu/our-work/focus-areas/education/asc-state-fellowship-history/>:

Wisconsin Water Resources Science-Policy Fellowship (Carolyn Voter, 2015; Dr. Alex Latzka, 2016; Dr. Stephanie DeVries and Francisco Guerrero-Bolaño, 2018; Dr. Carolyn Voter, 2019; Dr. Bryan Maitland, 2020; Dr. Dana Lapides, 2020)

Wisconsin Sea Grant-Coastal Management Keillor Science-Policy Fellowship (Dr. Adam Bechle, 2016; Dr. Yi Liu, 2018; Adam Arend, 2019; Lydia Salus, 2020; Emily Rau, 2021; Sarah Brown and Hannah Paulson, 2022; Dr. Helena Tiedmann, 2023; Katherine Gannon, 2024)

Wisconsin Water Resources Institute/Sea Grant – Department of Public Health Fellowship (Dr. Gavin Dehnert, 2020; Jackson Parr, Jordan Murray, 2021; Anya Jeninga, 2022; Sarah Gravlee, 2023)

Wisconsin Water Resources Institute – Department of Agriculture, Trade and Consumer Protection Fellowship (Sam Brockschmidt, 2024)

Wisconsin Keillor Great Lakes Fisheries Fellowship (Dr. Elizabeth Tristano, 2018)

Wisconsin Keillor Aquaculture Fellowship (Dr. Patrick Blaufuss, 2020)

Wisconsin Keillor Great Lakes-Sea Grant Fellow (Dr. Nicole Ward, 2021; Dr. Sophie Lafond-Hudson; Michael Smale, 2023)

UW-EPA Fellowships in Human Health and the Environment (Dr. Nathan Pollesch, 2020; Dr. Prarthana Shankar, 2021; Dr. Sally Mayasich, 2021; Emily Pavlovic and Alexandra Pesano, 2022)

Wisconsin Water Policy Center Fellows (Misbah Husain, Sarah Martinez; 2021; Andrian Lee and Anya Janssen, 2022; Cora Sutherland and Rajpreet Grewal, 2023; Emma Ehrlich and Peyton McCauley, 2024)

ADDITIONAL SCIENTIFIC CONTRIBUTIONS/SERVICE

Oversight committee and team memberships:

Sea Grant Equitable Grant-making Working Group (2024-present)

University of Wisconsin-Madison Office of the Provost “Wisconsin Idea” Budget Task Force member to guide development of a new budget allocation process to incentive work that engages communities (2024-present)

Green Bay National Estuarine Research Reserve Site Coordination Committee member to guide the designation process and provide recommendations to the UW-Green Bay Chancellor (2024-present)

Wisconsin State Climatology Office working group member – charge with developing recommendations for organizational structure and placement of a new state climatology office by the UW-Madison Vice Chancellor for Research (2021)

Appointed by Governor Tony Evers as member of the Wisconsin Invasive Species Council (first term 5/29/19-7/1/24, second term 7/2/24-7/1/29)

Water @ UW-Madison – Recruiter and supervisor for staff coordinator (2021-present); Outgoing Chair (2021-24), Chair (2020-21); Executive Committee Member-at-Large (2017-2020); Co-founder and Steering Committee (2014-2017); planning committee

and panel discussion member for all 2016-2023 events, *2015 Water@UWMadison – A Wisconsin Idea Symposium*, planning committee member for *2016 Water@UW-Madison Poster Session*, planning committee member for *2017 Water@UWMadison – A Wisconsin Idea Symposium*, planning committee co-lead for *2018 Water@UWMadison Spring Symposium – Connecting People and Water Scholarship through Better Communication-On Campus and Beyond*, planning committee member for *2018 Water@UW-Madison Poster Session*, planning committee for *2019 Water@UWMadison Spring Symposium – Water and the Wisconsin Idea (included video message from Lt Governor)*, planning committee co-lead for *2020 Water@UWMadison Spring Symposium – Working Together to Address Water Challenges – UW-Madison and State Government (included video message from Lt Governor and featured panel discussion by state legislators)*, planning committee lead for *2020 Water@UW-Madison Fall Symposium – Livestream: Building Water Connections across the UW System as a Foundation for Collaboration*, planning committee lead for *2021 Water@UW-Madison Spring Symposium: Opportunities in a Changing World (included video message from Governor, live video presentations from Lt. Governor, Secretary of Department of Natural Resources, Chancellor and live streamed on WisconsinEye)*

Aquatic Sciences Center committees – DEI Committee (2020-present), Equity Roadmap Steering Committee (2021-22)

Algal Bloom Action Team member - The Algal Bloom Action Team is a collaboration of water professionals, researchers, and educators from twelve states in the North Central Region of the United States. Team members include the national network of Water Resources Research Institutes (WRRI), the North Central Region Water Network and university Extensions within each state in the North Central Region. Served on team and subteams to develop a website of resources including fact sheets and FAQs on HABs topics; organized webinars, and hosted a HABs 2021 Symposium with 1000 live virtual attendees. <https://northcentralwater.org/nutrient-and-manure-management/habs/> (2017-2022)

Sea Grant Water Resources 10-Year Visioning topic co-lead to develop white paper outlining Sea Grant's role and future opportunities for addressing the Nation's water resources needs (2017-2018). Continued as member of leadership team for implementation (2019-2023). Served on subteam to develop a *Sea Grant Water Resources COVID-19 in the Water Environment webinar (1/28/21)* and *Emerging Contaminants webinar 5/26/21*.

Serve as UW-Madison Water Resources Management Practicum Instructor with David Hart. *A Blueprint for Salt Sustainability on the University of Wisconsin-Madison Campus* (2018-20)

Helped plan and coordinate sessions at Sea Grant Week – 1) Capacity Building Programs for Community Engagement (2018), 2) The Advantages and Mechanics of a Sea Grant State Policy Fellowship Program (2018), 3) Impact of Five Decades of Sea Grant's Investments in Research (2018), 4) Highlighting Sea Grant's Research Impacts (2024)

Steering committee member for workshop for the 2020 Cooperative Science and Monitoring Initiative (CSMI) Field Year on Lake Michigan (sponsored by International Joint Commission and in collaboration with the Lake Michigan Lakewide Action and Management Plan leadership) (2018)

University of Wisconsin-Madison Nelson Institute – Water Resources Management Program 10-year Review Committee (2017)

Lake Superior National Estuarine Research Reserve Advisory Board (2014-present)

Sea Grant Research Coordinators Network (2014-present)

UW-Madison Sea Grant Advisory Council (2013-2014)
 Wisconsin Fisheries Advisory Council (2014)
 Association of Fish & Wildlife Agencies (AFWA) Climate Change Standing Committee (2014)
 Association of Fish & Wildlife Agencies (AFWA) Science & Research Standing Committee (2014)
 Co-chair, North American Lake Management Society 2012 Meeting Program Committee
 Member, North American Lake Management Society 2012 Meeting Host Committee
 Member of the planning committee and session moderator for 2nd and 3rd Science in the Northwoods Conference, Boulder Junction, WI; September 29-October 1, 2010 and October 15-17, 2014. Sponsors included UW Center for Limnology, US Forest Service, USGS, UW-Extension, and WDNR.
 Member of Wisconsin Initiative on Climate Change Impacts (WICCI) Water Resources working group (2009-present, co-chair 2015-2020), reviewer of Wisconsin's first assessment report (2010)
 Member of Wisconsin Initiative on Climate Change Impacts (WICCI) Coldwater Fisheries work group (2008-2014)
 Member of Governor's Council on Invasive Species Research Subcommittee (2004-2010)
 Leader (2007) and Co-leader (2012) of the Aquatic Plants and Algae Species Assessment Group for the Governor's Council on Invasive Species, charged with reviewing potential species invasivity for WI and facilitating regulatory designations from a group of technical experts and stakeholders (2007-present; formal meetings 26 September 2007, 20 November 2007, and April 24, 2012)
 Member of Wisconsin DNR Fisheries Management Board responsible for setting statewide policy on research, regulations, stocking, habitat improvement, etc. related to fisheries (2008-2014)
 Member of Wisconsin DNR Water Resources Bureau Policy and Management Team responsible for setting statewide policy on water quality management issues (2008-2014)
 Member of Wisconsin DNR Science Services Core Management Team responsible for coordinating statewide research activities (2008-2014)
 Member of Wisconsin DNR Invasive Species Team (2003-2010)
 Member of Wisconsin DNR Invasive Species Rule Work Group (2007-2010)
 Member of Wisconsin DNR Water Division Monitoring Team responsible for coordinating statewide aquatic monitoring activities (2008-2011)
 Member of the Wisconsin DNR Aquatic Invasive Species Investment Team, charged with strategically distributing \$4 million annually for AIS prevention, education, and control (2007-2010)
 Member of Wisconsin DNR Water Division Lakes and Baseline Monitoring Subteams (2001-2005)
 Member of Wisconsin DNR Lakes Partnership (2001-2014)
 Member of Wisconsin DNR Lakes Technical Team (2005-2009)
 Member of Wisconsin DNR Lakes Monitoring Technical Team (2009-2010)
 Member of Wisconsin DNR Urban Fishing Team (2007-2010)
 Member of Wisconsin DNR Science Services Climate Change Science Team (2007-2009)
 Member of North American Lake Management Society 2005 conference program committee (2004-2005)
 Moderator of 3 sessions on invasive aquatic plant management at the North American Lake Management Society 2005 conference (2005)

Member of University of Wisconsin Environmental Remote Sensing Center Advisory committee (for water quality issues) (2001-2004)
Invited member of Kings Bay Restoration Work Group coordinated by the Southwest Florida Water Management District (2000-2001)

Graduate Committees:

Member of the University of Wisconsin-Madison Water Resources Management interdisciplinary faculty committee for Evaluation and Guidance conference for Master's student (Jack Cotrone) in the Nelson Institute (2018)
Member of Graduate Committee for University of Wisconsin-Madison Doctoral student (Alison Mikulyuk) in the Department of Zoology, Center for Limnology (2012-2017)
Coadvisor of University of Wisconsin - Stevens Point Master's student (Laura Sass) in the Department of Natural Resources - Fisheries (2004-2007)
Coadvisor of University of Wisconsin - Stevens Point Master's student (Andrea Kral) in the Department of Natural Resources - Fisheries (2003-2004)
Member of Graduate Committee for University of Florida Master's student (Stephanie Keller) in the Department of Fisheries and Aquatic Sciences (2000-2003)

Served as a Reviewer For:

[In current position, coordinated the peer and panel reviews of Water Resources Institute proposals annual competition, 2014-present. FY16 competition – 15 proposals, FY17 competition – 16 proposals, FY18 – 16 proposals, FY19 – 11 proposals, FY20 – 16, FY21 – 18 proposals, FY22 – 16 proposals, FY23 – 16 proposals, FY24 – 11 proposals, FY25 – 16 proposals = 151 total proposals]

[In current position, coordinated the peer and panel reviews of Wisconsin Sea Grant preproposals and proposals biennially, 2014-present. 2016-18 Omnibus – 83 preproposals, 49 full proposals. 2018-20 Omnibus – 84 preproposals, 42 full proposals. 2020-22 Omnibus – 73 preproposals, 47 full proposals, 2022-24 Omnibus – 66 preproposal, 42 full proposals, 2024-26 omnibus – 41 preproposals, 36 full proposals = 347 total preproposals, 216 full proposals]

[In DNR Research Chief position, reviewed or coordinated the review of approximately 60 internally funded projects and 10-20 external proposals annually, 2008-2014]

Water@UW-Madison Community Engagement Grants program (2024)

Promotion package for fixed term faculty position at Michigan State University

North Carolina Sea Grant 2016-18 Omnibus Competition research proposals (2015)

UW Sea Grant Aquaculture grant pre-proposals for Wisconsin projects submitted to the NOAA National Aquaculture Competition (relevancy ratings for WI) (2014)

UW Sea Grant 2014-16 Omnibus Proposals (relevancy ratings for WI as Advisory Council Member) (2013)

Wisconsin Water Resource Institute USGS 104B Research Program, member of Technical Review Panel to review and rank proposals for funding (2011, 2012)

Research proposal submitted to the U.S. NOAA, Coastal Ocean Program. Ecology of Harmful Algal Blooms (2004)

Research proposal submitted to the Natural Environment Research Council (2001)

Biological Bulletin (1997, 1998)

Ecology (2000, 2001, 2002, 2004)

Estuaries (2004)

Estuarine, Coastal and Shelf Science (2001)

Journal of Phycology (2001, 2002, 2003)

Journal of Sea Research (2001)

Journal of Aquatic Plant Management (2005, 2006, 2007, 2008)

Marine Ecology Progress Series (2005)

Marine Environmental Research (1999)

North American Journal of Fisheries Management (2005)

Oecologia (2004)

Scientia Marina (2001, 2002)

Organizations (past or current memberships):

International Association for Great Lakes Research (IAGLR); American Fisheries Society (national AFS and Wisconsin Chapter); Association for the Sciences of Limnology and Oceanography (ASLO); North American Lake Management Society (NALMS); Wisconsin Wetland Association (WWA)

Certifications:

Michigan Sea Grant Extension Community-Engaged Research Institute (7/10-14/17), Advanced Open Water SCUBA Diver (PADI); NITROX Diver (Technical Diving International); Certified First Responder; CPR, AED, and Basic First Aid (ASHI-5/28/15); Oxygen Administrator (DAN); Biological Statistics for Fisheries Management Workshop (1.6 CEU accreditation at UW-Extension, 1/13-14/03)

PROFESSIONAL HONORS

Top rated programmatic ratings in all recent reviews for Wisconsin Sea Grant (by the NOAA National Sea Grant College Program), the University of Wisconsin Water Resources Institute (by the US Geological Survey), and the Aquatic Sciences Center (by the UW-Madison Office of the Vice Chancellor for Research and Graduate Education)

Association of Natural Resource Extension Professionals (ANREP), Outstanding Regional Collaboration Achievement Award - recognizing outstanding leadership and program excellence individually and in teams awarded to the North Central Region Algal Bloom Action Team Regional Research Symposium

Coauthor of paper in *Lake and Reservoir Management* nominated for the *James LaBounty Best Paper Award* by the North American Lake Management Society (2018)

Coauthor of paper in *Lake and Reservoir Management* nominated for the *James LaBounty Best Paper Award* by the North American Lake Management Society (2017)

Nominee from Wisconsin DNR and accepted as a National Conservation Leadership Institute Fellow (2014-15)

Senior author of paper in *Lake and Reservoir Management* nominated for the *James LaBounty Best Paper Award* by the North American Lake Management Society (2014)

Discretionary Merit Award recipient (2013 and 2014) – awarded to 10% of agency nominees

WDNR Secretary's PRIDE award in the Excellence in Leadership category – nominated by section staff, award recognizes an individual for their leadership in furthering the DNR's mission through "big-picture thinking, communicating a vision, strategic thinking, effective decision-making, building trust, managing conflict, promoting diversity, fostering innovation and advocating change." (2012)

Rebecca Wallace Award Nominee (2012) - Award presented by the Wisconsin Natural Resources Board and recognizes an individual "who makes the greatest contribution toward the improvement of relationships with external partners, mentors other staff, and exhibits a healthy balance between their personal and professional life."

WDNR Secretary's PRIDE award Special Mention recipient in the Team category for involvement on DNR's Invasive Species Team ("created in 2004, this cross-divisional team effectively guided and organized the agency's efforts on invasive species") (2011)

Invited to serve as an expert panel member for "The Scientific Forum on the Yahara Lakes," hosted by the Clean Lakes Alliance, and coordinated by Steve Carpenter, recipient of 2011 Stockholm Water Prize (prestigious water science award).

Senior author of paper in *Lake and Reservoir Management* nominated for the *James LaBounty Best Paper Award* by the North American Lake Management Society (2010)

Selected for the Department of Natural Resources Leadership Academy (2008-2009)

Senior author of paper in *Lake and Reservoir Management* selected as Best Journal Article of the Year (2006-2007) by the North American Lake Management Society (2007)
Recipient of the Steven Serns Excellence in Research Award from the WDNR Bureau of Science Services (2007)

Dane County Water Champions Award (2007)

Graduate Degree Honors:

EPA STAR Fellow (1998-2000)

NOAA NERR Fellow (1997-1998)

Invited to attend Dissertation Initiative for the Advancement of Limnology and Oceanography (DIALOG) IV Symposium for recent Ph.D. recipients (Bermuda Biological Station, October 2001), a program co-sponsored by the American Society of Limnology and Oceanography and Whitman College, and supported by the U.S. NSF, NASA, NOAA, Office of Naval Research, and the European Commission

Ablon Bay Foundation Scholarship (1998)

QLF/Atlantic Center for the Environment Sounds Conservancy Grant Award (1997)

Waquoit Bay Fellowship (1996-1998)

Arthur G. Humes Alumni Award (1995)

COMMUNITY SERVICE

Evansville Education Foundation Board of Directors and Secretary (7/17-2/22)

Evansville Soccer Club U7 Assistant Coach (9/14-5/15)

JC McKenna Middle School Outdoor Education Day instructor – Aquatic Plant Ecology and Identification (9/26/14)

Evansville Community School District Citizens Advisory Council Member - develop a community survey to develop recommendations to the school district for funding options and priorities (9/13-3/14)

Evansville Soccer Club U6 Assistant Coach (9/13-5/14)

Evansville Community School District Superintendent interview panel (citizen representative) (2013)

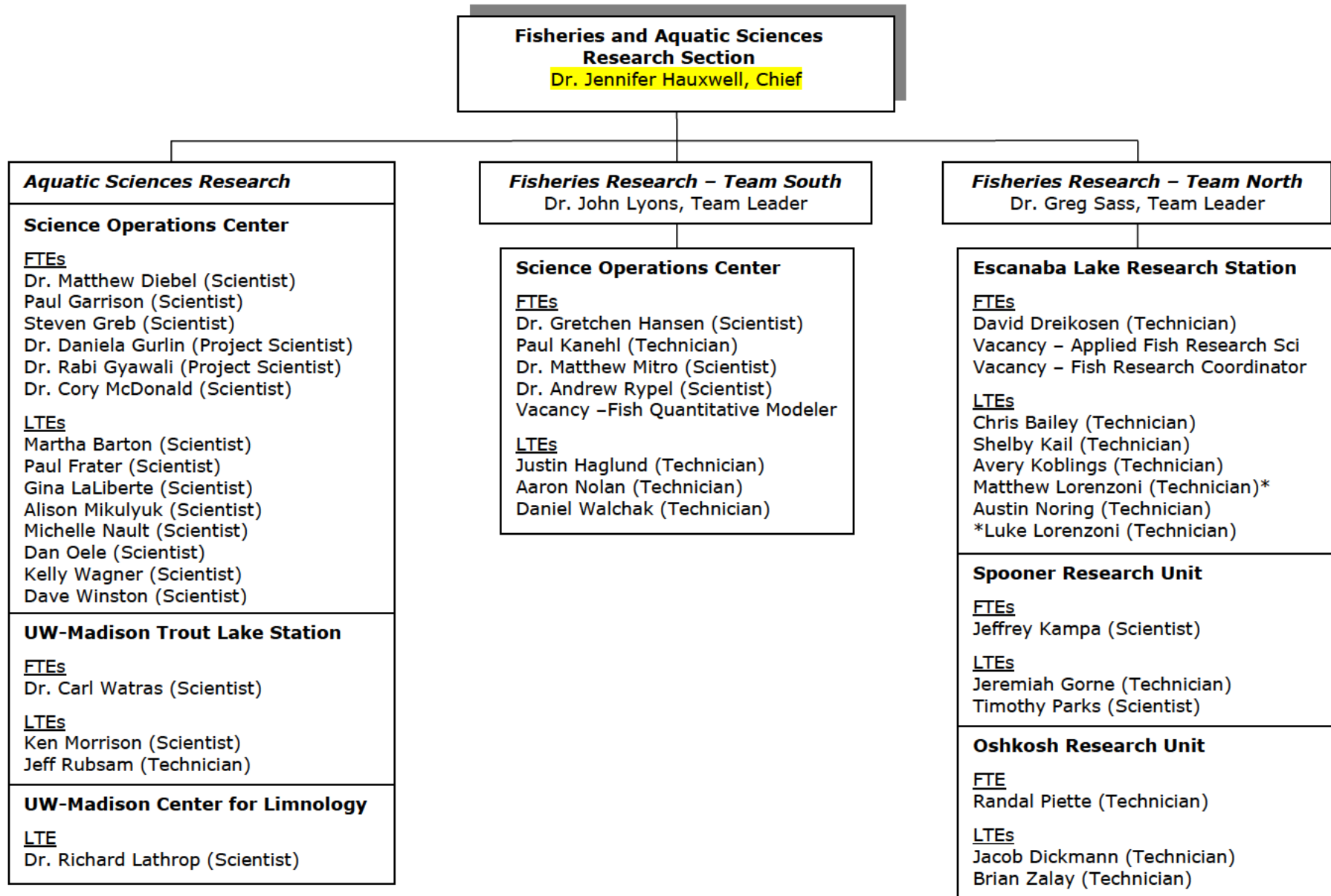
Evansville Community School District Strategic Visioning Session participant (2012)

BUSINESS OWNER

Jenny Jams, LLC (2022-present)

Wisconsin DNR Fisheries and Aquatic Sciences Section Organizational Chart (7-22-14)

The following organizational chart identifies the Wisconsin Department of Natural Resources Fisheries and Aquatic Sciences Research Section staff members located at six locations: Science Operations Center (Madison), UW-Madison Center for Limnology campus and Trout Lake Station, Escanaba Lake Research Station (Northern Highland Fisheries Research Area, Boulder Junction), Oshkosh research unit, and Spooner research unit. (*Indicates work status as "on call, as available" for assistance with peak field work.)



PROFESSIONAL HONORS RECEIVED BY SUPERVISED STAFF AND COLLEAGUES

Provided reference letter for Ivan Valiela, Association for the Sciences of Limnology and Oceanography 2017 Redfield Award Nomination

Coordinated and submitted a successful nomination packet for Dr. John Lyons for a 2017 and 2018 Wisconsin Academy of Sciences, Arts & Letters Fellow Award – awarded in 2018

Coordinated and submitted a nomination packet for Moira Harrington for a 2017 and 2018 UW-Madison Academic Staff Excellence (Heideman) Award

Provided reference letter for Ivan Valiela, Coasts and Estuaries Research Federation Odum Lifetime Achievement Award Winner

Nominated Dr. John Lyons, 2014 winner of the Rebecca Wallace Award

Drs. John Lyons, Matt Mitro, and Matt Diebel, winners of the American Fisheries Society 2014 Sport Fish Restoration Outstanding Project Award for Research and Surveys for their work on:

The Wisconsin Stream Model - Development and evaluation of watershed models for predicting stream fishery potential

Nominated Steve Greb and Dr. Matthew Mitro, 2012 and 2013 winners of the Steve Serns Excellence in Research Award

Nominated Drs. Matt Diebel and John Lyons, 2012 and 2013 winners of the Science Services Bureau Employee of the Year Award

Nominated Michelle Nault, Kelly Wagner, Alison Mikulyuk, and Martha Barton, 2012 winners of the Lake Stewardship Award of the Wisconsin Lakes Partnership

Nominated Dr. Susan Knight, 2012 recipient of University of Wisconsin-Madison Robert and Carroll Heideman Award for Excellence in Public Service and Outreach - Academic staff members play a key role in the state, national, and international public service mission of the university. Following the "Wisconsin Idea," the UW-Madison enhances the economic vitality of the state, and the cultural and social life of residents by sharing knowledge, talents, and skills. Other academic staff members provide direct services to students or to the many people who use university facilities each year. Those nominated for this award shall be involved in on- or off-campus outreach that reflects the public service mission of the university.

Nominated Michelle Nault, 2012 Special Recognition Award recipient for the Fisheries and Aquatic Sciences Research Section

Nominated Alison Mikulyuk, 2012 recipient of a National Science Foundation Graduate Research Fellowship (\$90k)

Dr. John Lyons, recipient of direct phone call from the Governor of the State of Wisconsin, congratulating him on his contributions to a segment of National Geographic's Wild Mississippi

Mentor to Alison Mikulyuk, accepted in 2011 to doctoral program at University of Wisconsin's Center for Limnology

Nominated Dr. Richard Lathrop, 2011 recipient of WDNR Secretary's PRIDE awards in the Resource category (highest agency award), recognizing an individual for long-term, sustained accomplishments, and/or for leaving a special legacy of such value that they have become a DNR "resource"

Nominated Dr. Brian Weigel, 2011 recipient of WDNR's Science Services Steve Serns Award for Excellence in Research

Nominated Paul Kanehl, 2011 recipient of WDNR's Science Services Bureau Employee of the Year Award.

Nominated Dr. John Lyons, 2010 recipient of the Midwest Association of Fish and Wildlife Agencies' Fisheries Biologist of the Year

Nominated Dr. John Lyons, 2010 Special Mention recipient of WDNR Secretary's PRIDE awards in the Resource category (highest agency award), recognizing an individual for long-term, sustained accomplishments, and/or for leaving a special legacy of such value that they have become a DNR "resource"

Dr. John Lyons, 2010 recipient of DNR's Endangered Resources Program's first Excellence in Biodiversity Conservation Award

Steve Greb, member of the International Ocean Color Coordinating Group (IOCCG) and co-chair of the Group on Earth Observations (GEO) water quality task

Eric Struck, 2010 recipient of Wisconsin chapter of the American Fisheries Society Carroll Norden Memorial Scholarship

Matthew Lorenzoni, Margaret Snyder, and Anne Small (Escanaba Lake Research Station crew) nominated for the DNR Northern Region's 2010 Outstanding Service Award for Teams

Nominated Dr. John Lyons, 2009 Special Mention recipient of WDNR Secretary's PRIDE awards in the Resource category, recognizing an individual for long-term, sustained accomplishments, and/or for leaving a special legacy of such value that they have become a DNR "resource"

Nominated Dr. Brian Weigel, 2008 recipient of WDNR's Science Services Bureau Employee of the Year Award

Co-nominated Dr. Susan Knight, 2007 recipient of the Wisconsin Lakes Partnership Educator Award

Supervisor and reference for Dana Bigham, accepted to doctoral program at University of Florida's Fisheries and Aquatic Sciences Department

EXTERNAL GRANTS FOR WHICH SUPERVISED STAFF WERE PRINCIPAL OR CO-PRINCIPAL INVESTIGATORS

Total 2011-2014 = \$3.3 million

Alison Mikulyuk. 2023. Freshwater@UW: An Immersive Undergraduate Summer Research Opportunities Program for the University of Wisconsin System. \$650k.

The Freshwater@UW Summer Research Opportunities Program provides immersive, hands-on mentored research experiences to 27 promising undergraduates within the 13 member institutions of the Freshwater Collaborative. The program's central aim is to support the growth of our freshwater research enterprise and freshwater workforce through collaborative, cross-system programming designed to train, recruit, retain and diversify the next generation of freshwater professionals. Funds will support the third and fourth year of implementation and continued program development as we strive to create new, high-impact opportunities for talented students to build their skill and cultivate relationships within the UW System to that will help them seek further training in freshwater science.

Gretchen Hansen, Luke Winslow, Jordan Read. 2014. Improving lake management through citizen-based automated water temperature monitoring. Wisconsin DNR Citizen-based Monitoring Partnership Program. \$5k.

Peter McIntyre, Patrick Doran, Matthew Diebel. 2013-2015. Optimizing connectivity in the Great Lakes basin to restore native fish migrations while controlling invasive species. USFWS Upper Midwest and Great Lakes Landscape Conservation Cooperative. \$337k.

Peter McIntyre, Patrick Doran, Matthew Diebel. 2013-2015. Restoring native fish migrations while controlling invasive species: an optimization approach to support decision making. University of Michigan Water Center. \$358k.

Cory McDonald., R. Lathrop, K. Bradbury, and K. Sorsa proposal funded by Drinking Water & Groundwater. Project titled "Characterizing the Sources of Elevated Groundwater Nitrate in Dane County, WI". 2013-2015. \$51k.

Jana Stewart, USGS; Lizhu Wang, MI IFR; Jim McKenna, USGS BRD; Dana Infante, MSU; John Lyons, WDNR. 2011-2013. A Regional Decision Support Tool for Identifying Vulnerabilities of Riverine Habitat and Fishes to Climate Change. US Fish and Wildlife Services Upper Midwest and Great Lakes Landscape Conservation Cooperative. \$400k.

John Lyons, WDNR. 2011-2013. Distribution and status of silver chub in the Lower Wisconsin and adjacent Mississippi rivers. State Wildlife Grant. \$24k.

John Lyons, WDNR. 2011-2013. Using otolith microchemistry to identify habitat use and seasonal movements by blue sucker in the Lower Wisconsin and Mississippi rivers in order to improve upstream passage operation and evaluation at the Prairie du Sac Dam. State Wildlife Grant. \$18k.

Matthew Diebel, WDNR. 2011-2012. Developing Ecological Limits of Hydrologic Alteration for Dane County Streams. Capitol Area Regional Planning Commission. \$38k.

Matthew Diebel, WDNR; Jana Stewart, USGS. Ecological Limits of Hydrologic Alteration in Wisconsin Streams. WDNR Groundwater Research and Monitoring Program. 2011-2013. \$41k.

Matthew Diebel. 2012-2014. Green Bay Connectivity Project. The Nature Conservancy. \$76k.

Peter McIntyre, University of Wisconsin; Patrick Doran, The Nature Conservancy; Matthew Diebel, WDNR. 2011-2013. Reestablishing ecological connectivity between the GL and their tributaries: prioritization in a complex system. US Fish and Wildlife Services Upper Midwest and Great Lakes Landscape Conservation Cooperative. \$167k.

Randal Piette. 2012-2014. Status of Snuffbox Mussel in Wisconsin. US Fish and Wildlife Service. \$35k.

Steve Carpenter (UW-Madison Center for Limnology), Jon Hansen (WDNR), Gretchen Hansen (UW-Madison CFL), Joseph Hennessey (WDNR), Steve Hewett (WDNR); Daniel Isermann (UW-Stevens Point); John Lyons (WDNR); Jake Vander Zanden (UW-Madison CFL). 2012-2015. Climate Change and Resilience of Sport Fisheries in Lakes. US Geological Survey Climate Science Center. \$784k.

Steven Greb, WDNR. 2012. Evaluation of Areas of Concern (AOCs) using Satellite Remote Sensing- A Pilot Study. WDNR Office of Great Lakes AOC Capacity Grants. \$15k.

Steven Greb, WDNR; Dan Vimont, UW-Madison; Ryan O'Connor, WDNR; William Smith, WDNR; Amy Staffen, WDNR; Rich Staffen, WDNR; Kevin Doyle, WDNR; Julie Bleser, WDNR; Terrell Hyde, WDNR; Kathryn Kirk, WDNR. 2012-2015. Climate Change Vulnerability. US Bureau of Land Management. \$340k.