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Education

2013 Ph.D. University of Wisconsin – Madison GPA: 3.90
Focus: Environment and Resources.
Dissertation: Improving Understanding of Outcomes and Credibility of Volunteer Environmental Monitoring Programs
Advisors: Dr. Kenneth Genskow and Dr. Pete Nowak

1999 M.S. University of Wisconsin – Stevens Point GPA: 3.98
Focus: Natural Resources with emphasis in Water Resources.
Thesis: Impacts of Urban Land Use on Benthic Macroinvertebrate Communities with Comparison of Samples from Snags and Riffles for Southeastern Wisconsin Streams
Advisor: Dr. Ronald Crunkilton

1995 B.S. University of New Hampshire, Durham GPA: 3.54
Major: Water Resources Management. *Minor:* Hydrology.
Summer Research Fellowship: Nitrate Removal from a Region of Underground Flow in a First Order Stream
Advisor: Dr. William McDowell

Professional Experience

2021 – present *Extension Associate Professor of Watershed Science, Policy and Education,* Rubenstein School of Environment and Natural Resources, University of Vermont. Burlington, VT.

2020 – present *Associate Director,* Lake Champlain Sea Grant, University of Vermont. Burlington, VT

2018 – 2022 *US Co-Chair, Public Advisory Group,* International Joint Commission, Lake Champlain-Richelieu River Flood Study.

2015 – 2021 *Extension Assistant Professor of Watershed Science, Policy and Education,* Rubenstein School of Environment and Natural Resources, University of Vermont. Burlington, VT.

2015 – present *Extension Program Leader*, Lake Champlain Sea Grant, University of Vermont. Burlington, VT.

2001 – 2015 *Volunteer Stream Monitoring Program Coordinator,* University of Wisconsin-Extension and Wisconsin Department of Natural Resources. Madison, WI.

2013 – 2014 *Adjunct Faculty,* Viterbo University. West Allis, WI.

2000 – 2000 *Watershed Project Manager*, Macatawa Area Coordinating Council. Holland, MI.

1999 – 2000 *Eurasian Water Milfoil Researcher,* University of Wisconsin – Stevens Point. Stevens Point, WI.

1999 – 1999 *Soil Conservation and Watershed Inventory Field Course Instructor,* University of Wisconsin – Stevens Point, Treehaven Field Camp. Tomahawk, WI.

1998 – 1999 *Aquatic Toxicology Lab Manager,* University of Wisconsin – Stevens Point, Aquatic Toxicology Laboratory. Stevens Point, WI.

1997 – 1999 *Aquatic Macroinvertebrate Researcher* (Master's Thesis), University of Wisconsin – Stevens Point. Stevens Point, WI.

1996 – 1997 *Rivers Program Assistant,* New Hampshire Department of Environmental Services, New Hampshire Rivers Management and Protection Program. Concord, NH.

1995 – 1997 *Marine, Freshwater, and Terrestrial Environmental Educator*
Tanglewood 4H Camp and Learning Center, University of Maine Cooperative Extension, Lincolnville, ME. (1996 – 1997)

Habitat Education Center, Massachusetts Audubon, Belmont, MA. (1997)

Shelburne Farms, Shelburne, VT. (1996)

Seacoast Science Center, Rye, NH. (1995)

University of New Hampshire Sea Grant and UNH Cooperative Extension, Durham, NH. (1995)

1995 – 1995 *Aquatics Education Intern,* Merrimack River Watershed Education Program, New Hampshire Fish and Game Department. Concord, NH.

1995 – 1995 *Chemistry Lab Technician*, Keene State College. Keene, NH.

Formal Teaching

8. *Stream Ecology. (SEP4800).* 4 credits. University of Vermont. Spring 2026. (Redesigned.)
7. *Stormwater Education Methods. (NR5990; formerly NR295/395).* 1 credit. University of Vermont. Fall 2019. Fall 2020. Summer 2024. (Designed)
6. *Water Management and Sustainability in the Netherlands. (NR2990; formerly NR195).* 3 credits. University of Vermont. Sustainability General Education requirement (SU)-approved. Summer 2018; Summer 2019. Summer 2024. (Designed)
5. *Envisioning a Sustainable Future. (NR306).* 1 credit. University of Vermont. Fall 2017; Fall 2018. (Co-instructed)
4. *Water as a Natural Resource. (NR102).* 3 credits. SU-approved. University of Vermont. Spring 2017; Spring 2018. (Redesigned)
3. *Stream Ecology Field School.* 1 graduate credit. Viterbo University. Trees for Tomorrow. Eagle River, WI. Summer 2013. Summer 2014. (Designed)
2. *Soil Conservation and Watershed Inventory Techniques. (SOILS 359).* 1 credit. University of Wisconsin – Stevens Point, Treehaven Field Camp. Tomahawk, WI. Summer 1999 (2 sessions).
1. *Water and Soil Resources Laboratory.* University of Wisconsin – Stevens Point. Stevens Point, WI. Spring 1998.

Guest Lectures

14. Environmental Studies Senior Capstone. *Community-based social marketing* lab. Middlebury College. 15 students. Fall 2026
13. PSS 3690. Soil and Water Pollution and Bioremediation. *Water pollution from road salt, best practices, and the human conundrum.* Spring 2024.
    CDAE 400. Sustainable Development Policy, Economics, and Governance. *The influence of public engagement in scientific research on policy and governance.* Spring 2022.
12. ENSC 002. International Environmental Studies and Solutions. *Does engaging the public in scientific research through water monitoring result in conservation actions?* Spring 2022.
11. PSS 195. Agriculture and the Environment. *Water quality in the Lake Champlain basin: Challenges faced and the role of policies and programs to address them.* Fall 2021.
10. CE 186, Senior Capstone. *Lake Champlain Sea Grant and Road Salt Monitoring and UVM Salt Reduction Working Group.* Spring 2021.
9. NR 280, Stream Ecology. *Overview and Tips of Identification of Common Aquatic Macroinvertebrates of Vermont.* Fall 2019.
8. NR 280, Stream Ecology. *Overview and Tips of Identification of Common Aquatic Macroinvertebrates of Vermont.* Fall 2018.
7. PSS 145, Turfgrass Management. *Low input lawn care outreach and research of Lake Champlain Sea Grant and UVM Extension.* Fall 2018
6. CDAE 295/395, Smart Resilient Communities. *Citizen Science: Making a world of difference*. Spring 2018
5. NR 205, Ecosystem Management. *Citizen science overview* panelist. Fall 2017
4. Rubenstein School Spring Seminar Series, From Research to Practice & Back. Spring 2017
3. NR 395, Appl. Ecol., Env. & Society. *Lake Champlain Sea Grant outreach*. Fall 2016
2. ENVS 195, Nonmaterial Values of Ecosystems. *Volunteer monitoring and its impacts on policy and management*. Spring 2016

1. ENVS 195, Emerging Technology & Health. *Understanding impacts of volunteer monitoring*. Fall 2015

Honors and Awards

2018	Nominee for the Marcia Caldwell Award that recognizes a UVM staff or faculty member who has demonstrated exceptional service to our students (not selected as winner).
2016	David N. Redell Award for Lifetime Achievement in Citizen-based Monitoring.
2015	Wisconsin Extension Environmental and Community Development Association Outstanding Achievement Award.
2014	Rock River Coalition River Friends Award.
2012	North American Lake Management Society (NALMS) Technical Merit Award for Public Education/Outreach. Extension Volunteer Monitoring Network.
2011	Wisconsin Department of Natural Resources Water Resources Employee of the Year Award.
2010	USDA National Water Program Project of Excellence, National Water Resources Project "Moving Volunteer Water Monitoring to the Next Level."
2010	USDA National Water Program Project of Excellence, Regional *E. coli* Monitoring Project, "Building Volunteer Capacity and Comparing Methods for *E. coli* Monitoring in Streams: A Multi-State Effort."
2010	UW-Extension Academic Staff Regents Award for Excellence nominee.
2008	USDA National Water Program, Outstanding Extension Program – Water Resources Team Award, Building *E. coli* Monitoring Capacity.
2006	Association of Natural Resource Extension Professionals Outstanding Team Award.
2003	Wisconsin State Council of Trout Unlimited Appreciation Award.
1998	Best student paper at the 60th Midwest Fish and Wildlife Conference.
1993 – 1995	Xi Sigma Pi Honor Society, University of New Hampshire.
1991 – 1995	Governor's Success Scholarship (4-year academic tuition scholarship), University of New Hampshire.
1991	Valedictorian, Monadnock Regional High School. Swanzey, NH.

Grants and Contracts ("UVM PI" denotes when UVM was a subawardee. Amounts shown are the funds I managed as PI, co-PI, grant lead, or contract lead. When I was a project collaborator, only the total award amount is shown, which I did not manage.)

#	Project Title	Funding Organization	Year(s)	Role	Amount
78.	*Participatory Science Cultivation: Building Awareness and Sharing Resources Across the Sea Grant Network and Beyond*	NOAA Office of Education (via National Sea Grant Office)	2026-2028	PI	$76,116
77.	*Vermont Lakes Lay Monitoring (Y6-Y8)*	Vermont Agency of Natural Resources	2026-2028	PI	$191,239
76.	*BLUE – Burlington*	City of Burlington, VT (via Fitzgerald Environmental Associates)	2026-2027	UVM PI	$70,375
75.	*BLUE – Williston*	City of Williston, VT (via Fitzgerald Environmental Associates)	2026-2027	UVM PI	$5,997

#	Project Title	Funding Organization	Year(s)	Role	Amount
74.	*Local and Lake-wide Drivers of Contaminants in Lake Champlain Fish*	Lake Champlain Basin Program / NEIWPCC (via Dartmouth)	2027-2030	UVM PI	$75,296
73.	*Watershed Forestry Partnership Support*	Lake Champlain Basin Program / NEIWPCC	2026-2028	PI	$167,279
72.	*Vermont Watershed Education Partnership*	Lake Champlain Basin Program / NEIWPCC	2026-2027	PI	$12,000
71.	*LCBP – Champlain Basin Education Initiative (CBEI)*	Lake Champlain Basin Program / NEIWPCC	2025	PI	$2,500
70.	*BLUE – Williston*	City of Williston, VT (via Fitzgerald Environmental Associates)	2025-2026	UVM PI	$4,500
69.	*Education about Flood Resilience in the Lake Champlain Basin*	Lake Champlain Basin Program / NEIWPCC	2026-2028	PI	$48,180
68.	*Watershed Forestry Partnership Capacity Grant*	Watersheds United Vermont	2025-2027	PI	$32,111
67.	*BLUE – Burlington*	City of Burlington, VT (via Fitzgerald Environmental Associates)	2025-2026	UVM PI	$86,957
66.	*Flood Safety Act Unencapsulated Polystyrene Education*	Vermont Agency of Natural Resources	2025-2027	PI	$42,000
65.	*Sea Grant – Vermont Lakes Partnership Program – Y5 extension*	Vermont Agency of Natural Resources	2025-2026	PI	$65,000
64.	*Green Infrastructure Collaborative and Green Schools*	Vermont Agency of Natural Resources	2025-2027	PI	$162,713
63.	*2025 Community Engaged Internship*	North Carolina Sea Grant	2025	PI	$6,000
62.	*Great Lakes Aquaculture Collaborative: Casting Connections, Netting Knowledge*	National Sea Grant College Program	2025-2027	PI	$37,395
61.	*Promoting Sustainable Road Salting Practices in Chittenden County, Vermont*	Lintilhac Foundation	2024-2025	PI	$30,000
60.	*Mapping Vermont Flooding and Underserved Communities in Preparation for Future Events*	Vermont Water Center	2024-2025	PI	$26,366
59.	*Foam-Free Lake Champlain: Marine Debris Community Action Coalition*	National Oceanic and Atmospheric Administration (NOAA)	2024-2027	PI	$299,904
58.	*Lake Champlain Sea Grant 2024-28 Omnibus*	NOAA National Sea Grant College Program	2024-2028	Co-PI	$5,990,068
55.	*Sea Grant – Vermont Lakes Partnership Program – Y4 extension*	Vermont Agency of Natural Resources	2024-2025	PI	$62,423
57.	*Green Infrastructure Collaborative and Green Schools*	Vermont Agency of Natural Resources	2024-2025	PI	$74,103
56.	*Let's Talk Salt*	Lake Champlain Basin Program / NEIWPCC	2023-2025	PI	$49,920
55.	*Sea Grant – Vermont Lakes Partnership Program – Y3 extension*	Vermont Agency of Natural Resources	2023-2024	PI	$62,421

#	Project Title	Funding Organization	Year(s)	Role	Amount
54.	*Lake Champlain Aquatic Nonindigenous Species Information System Creation*	Lake Champlain Basin Program / NEIWPCC	2022-2024	PI	$55,405
53.	*Coastal Adaptation and Resilience (cost share contract)*	The Nature Conservancy of Vermont	2022-2024	PI	$35,000
52.	*Enhancing Coastal Adaptation and Resilience*	NOAA National Sea Grant College Program	2022-2024	Co-PI	$125,000
51.	*Moving Towards a More Economically Viable Land-based Aquaculture Industry in Vermont*	NOAA National Sea Grant College Program	2022-2024	Co-PI	$32,853
50.	*Advancing the Great Lakes Aquaculture Collaborative*	NOAA National Sea Grant College Program (via MN Sea Grant)	2022-2024	UVM Co-PI	$33,762
49.	*2022 Lake Champlain Research Conference: Sharing research on Lake Champlain to advance evidence-based decision-making and environmental justice*	FY2022 Workshops and Professional Meetings Special Competitions, "A"	2022	Co-PI	$15,000
48.	*Lake Champlain Sea Grant 2022-24 Omnibus*	NOAA National Sea Grant College Program	2022-2024	Co-PI	$2,140,945
47.	*Development of a Residential Stormwater Management Incentive and Education Program*	City of Burlington, VT (via Fitzgerald Environmental Associates)	2021- 2023	UVM Co-PI	$28,833
46.	*Sea Grant – Vermont Lakes Partnership Program – Y2 extension*	Vermont Agency of Natural Resources	2022-2023	PI	$50,000
45.	*Community Science Catalyst*	NOAA National Sea Grant College Program (via LA Sea Grant; full award: $400,000; grant co-author)	2021-2025	UVM PI	$28,880
44.	*Green Infrastructure Collaborative and Green Schools*	Vermont Agency of Natural Resources	2022-2024	PI	$112,370
43.	*Enhancing Access of New Americans to Fishing as a Food Resource and Introducing Land-Based Aquaculture to Increase Local Food Security*	NOAA National Sea Grant College Program	2021-2022	Co-PI	$50,000
42.	*Sea Grant – Vermont Lakes Partnership Program (Y1)*	Vermont Agency of Natural Resources	2021-2022	PI	$48,110
41.	*Lake Champlain-Richelieu River Study Board Public Advisory Group co-chair*	International Joint Commission	2021-2022	PI	$19,695
40.	*Green Infrastructure Collaborative*	Vermont Agency of Natural Resources	2020-2021	PI	$70,989
39.	*Lake Champlain-Richelieu River Study Board Public Advisory Group co-chair*	International Joint Commission	2020-2021	PI	$15,787
38.	*Understanding Public Awareness of Lake Issues and Engagement in Watershed Stewardship Across the Lake Champlain Basin*	Lake Champlain Basin Program / NEIWPCC	2020-2022	Co-PI	$118,500
37.	*COVID-19 Rapid Response*	NOAA National Sea Grant College Program	2020-2021	Co-PI	$100,000

#	Project Title	Funding Organization	Year(s)	Role	Amount
36.	*Lake Champlain Sea Grant Omnibus Base Increase*	NOAA National Sea Grant College Program	2020-2022	Co-PI	$200,000
35.	*Riparian Buffer Establishment Using Various Management Techniques*	Lake Champlain Basin Program / NEIWPCC	2020-2022	PI	$19,995
34.	*Lake Champlain Forest Watershed Management Partnership*	Natural Resource Conservation Service	2019-2020	PI	$40,000
33.	*Lake Champlain-Richelieu River Study Board Public Advisory Group co-chair*	International Joint Commission	2019-2020	PI	$41,258
32.	*Green Infrastructure Collaborative*	Vermont Agency of Natural Resources	2019-2020	PI	$50,000
31.	*Lake Champlain Sea Grant Visioning Project Supplement*	NOAA National Sea Grant College Program	2019-2020	Co-PI	$40,000
30.	*Lake Champlain-Richelieu River Study Board Public Advisory Group co-chair*	International Joint Commission	2018-2019	PI	$38,234
29.	*Lake Champlain Sea Grant Institute*	NOAA National Sea Grant College Program	2018-2022	Co-PI	$2,400,000
28.	*Lake Champlain Sea Grant Omnibus*	NOAA National Sea Grant College Program	2018-2022	Co-PI	$1,600,000
27.	*Green Infrastructure Collaborative*	Vermont Agency of Natural Resources	2018-2019	PI	$42,420
26.	*Resilience Visioning and Development Projects Supplement*	NOAA National Sea Grant College Program	2017-2018	Co-PI	$30,000
25.	*Green Infrastructure Collaborative*	Vermont Agency of Natural Resources	2017-2018	PI	$33,400
24.	*Preparing Communities to Build Resilience to Coastal Storms Through Watershed Groups*	NOAA National Sea Grant College Program (via WI Sea Grant)	2016-2017	UVM PI	$5,000
23.	*Green Infrastructure Collaborative*	Vermont Agency of Natural Resources	2016-2017	PI	$39,492
22.	*Integrating Volunteer Nutrient Monitoring and Outreach with Extension Across States*	North Central Region Water Network	2015	*Grant lead	$26,480
21.	*Water Action Volunteers Contract*	Wisconsin (WI) Department of Natural Resources	2014-2015	*Contract lead	$70,965
20.	*Lower Fox Tributary Volunteer Monitoring*	WI Department of Natural Resources Office of the Great Lakes Area of Concern	2014-2015	*Grant lead	$43,609
19.	*Water Action Volunteers Contract*	WI Department of Natural Resources	2013-2014	*Contract lead	$70,965
18.	*Building Public Awareness of Wisconsin's Streams and the Impacts of Land Use on Their Water Quality Through Self-Guided Tours of Long-term Volunteer Stream Monitoring Sites*	Wisconsin Environmental Education Board	2013-2014	*Grant lead	$9,969

#	Project Title	Funding Organization	Year(s)	Role	Amount
17.	*Water Action Volunteers Contract*	WI Department of Natural Resources	2012-2013	*Contract lead	$70,965
16.	*Building Partnerships and Broadening Horizons: Expanding Volunteer Urban Road Salt Monitoring in Streams across the Upper Midwest*	Great Lakes Regional Water Program	2012-2013	*Grant lead	$45,108
15.	*Exploring Streams: A Stream Monitoring Curriculum Guide for Wisconsin Middle and High School Teachers and Students*	Wisconsin Department of Natural Resources Partnership Program	2012-2013	*Grant lead	$4,900
14.	*Water Action Volunteers Contract*	WI Department of Natural Resources	2011-2012	*Contract lead	$70,965
13.	*Water Action Volunteers Contract*	WI Department of Natural Resources	2010-2011	*Contract lead	$70,965
12.	*Volunteer Monitoring in Underserved Communities: Exploring Opportunities & Programs for Enhanced Watershed Management*	Great Lakes Regional Water Program	2010-2011	Collaborator	(Total award: $27,487)
11.	*Teacher Training with BLM Riparian Zone Curriculum*	Bureau of Land Management Youth Initiative Incentive Funding	2010-2011	Collaborator	(Total award: $25,000)
10.	*Moving the Extension Volunteer Monitoring Network to the Next Level*	USDA Cooperative State Research Education and Extension Section 406 National Water Resources Project	2008-2012	Collaborator	(Total award: $380,000)
9.	*Building Capacity of E. coli Monitoring by Volunteer Networks: A Multi-State Effort – Continuation Project*	USDA Great Lakes Water Quality Team	2008-2010	*UW Grant lead	(Total award: $50,000)
8.	*Marsh Monitoring – A Pilot for Partnership with the Citizen-based Water Monitoring Network*	Wisconsin Department of Natural Resources Partnership Program	2007-2008	*Grant lead	$5,000
7.	*A Pilot Project to Evaluate Citizen-based Monitoring Groups' Ability to Use a Family-Level Macroinvertebrate Index to Assess Stream Health*	Wisconsin Department of Natural Resources Partnership Program	2005-2006	*Grant lead	$4,640
6.	*Volunteer Water Quality Monitoring National Facilitation Project*	USDA Cooperative State Research Education and Extension Section 406 National Facilitation Grant	2004-2008	Collaborator	(Total award: $399,852)
5.	*Who's Who in Citizen-based Monitoring in Wisconsin*	Wisconsin's Comprehensive Wildlife Conservation Planning Grant	2005	*Grant lead	$18,000
4.	*Water for Everyone*	Ira and Ineva Reilly Baldwin Wisconsin Idea Endowment, University of Wisconsin	2004-2006	Collaborator	(Total award: $50,000)
3.	*Building Capacity of E. coli Monitoring by Volunteer Networks: A Multi State Effort*	USDA Cooperative State Research Education and Extension Section 406 Extension Education Grant	2003-2006	Collaborator	(Total award: $275,000)

#	Project Title	Funding Organization	Year(s)	Role	Amount
2.	*Ellwood H. May Environmental Center Watershed Education Resource Center*	CD Besadny Natural Resources Foundation Conservation Grant	2004	*Grant lead	$830
1.	*Shawano-area Watershed Education Resource Center*	Wisconsin Environmental Education Board Grant	2002-2003	*Grant lead	$4,437

*Unable to officially PI or co-PI grants or contracts as a staff member, but functioned similarly (e.g., grant writing, carried out deliverables, reporting)

Peer-reviewed Articles (*Graduate student advisee; **Undergraduate mentee; ***Staff supervisee; [+]Graduate student committee member)

1. Immordino, M. **K. F. Stepenuck**, C. Ginger, S. Jorgenson, A. Eaton, and N. Hasan. In review 10/2026. From Creek to Career: Exploring the Impacts of Watershed Education Internships on Career Pathways. Natural Sciences Education.
2. Spasyk, A.*, **K. F. Stepenuck**, S. N. Jorgenson, R. K. Gould, and A. K. Eaton.*** Revisions requested. Assessing Changes in Watershed Literacy Among Youth Participants of a Stream Monitoring and Stewardship Program Using a Novel Multifaceted Evaluation Tool. *Journal of Environmental Education.* Impact factor: 3.1
3. Grant, S.*, **K. F. Stepenuck,** B. C. Wemple, K. A. Hamshaw, and P. Brochu. 2026. Identifying Vulnerable Frontline Vermont Communities: An Equity Forward Analysis of Flood Vulnerability. *Journal of Emergency Management.* https://doi.org/10.5055/jem.1042 Impact factor: 0.52
4. Davis, C., T. Phillips, V. Del Bianco, J. B. Linhart, H. T. Andrianandrasana, C. E. B. Cannon , K. Cooke, J. K London , G. Raheja , M. D. Ramírez-Andreotta, and **K. F. Stepenuck**. 2026. A Typology for Evaluating Community Science: From Aspirational Goals to Measurable Outcomes. *Citizen Science Theory and Practice.* 11(1): 22, pp. 1-14. https://doi.org/10.5334/cstp.1000 Impact factor: 2.3
5. Lamichhane, S.[+], E. Stein, **K. F. Stepenuck,** K. M. Gleason, A. Chiapella, and B. Panikkar. 2026. Barriers to building place-based relations through fishing among resettled refugees in Vermont. *Journal of Great Lakes Research.* https://doi.org/10.1016/j.jglr.2026.102895 Impact factor: 2.5
6. Eaton, A.E. ***, **K. F. Stepenuck,** C. B. McKelvey, M. A. Immordino,* and A. M. Spasyk.* 2026. A Model of Watershed Place-Based Learning for K-12 Students and Teachers. *Journal of Environmental Education.* https://doi.org/10.1080/00958964.2025.2541889 (published online fall 2025) Impact factor: 3.1
7. Hamilton, V., **K. F. Stepenuck**, R. A. Zinna, A. M. Traylor, D. Penrose, and W. A. Sigler. 2024. Volunteer Accuracy in a Benthic Macroinvertebrate Participatory Science Project. *Citizen Science: Theory and Practice.* 9(1). https://theoryandpractice.citizenscienceassociation.org/articles/10.5334/cstp.756 Impact factor: 2.3
8. Patterson, L.***, S. Halik, and **K. F. Stepenuck**. 2024. Extension Education for Real Estate Professionals: Teaching Regulations and Sharing Resources That Protect Water Quality and Property Values. *Journal of Extension,* 62(4), Article 24. https://doi.org/10.34068/joe.62.04.24 Impact factor: 0.6
9. Malchoff, M.***, N. Trachte, and **K. Stepenuck**. 2024. The Recreational Ice Fishing and Ancillary Retail Communities on a Northern Latitude Lake: Yet-to-be-served Extension Audiences. *Journal of Extension*, 62(1), Article 4. https://doi.org/10.34068/joe.62.01.04 Impact factor: 0.6
10. **Stepenuck, K. F.,** M. Diebel, H. Smith, I. Anderson, and D. Wiseman. 2024. Surface Velocity Coefficients for Discharge Monitoring with a Surface Float Method in Shallow Streams. *Journal of Hydrology*. 632, 130852. https://doi.org/10.1016/j.jhydrol.2024.130852 Impact factor: 7.3
11. Raub K. B.*, S. E. Flynn, **K. F. Stepenuck**, and C. Hedderman. 2024. Integrating resilience and nexus approaches in managing flood risk. *Front. Water* 6:1306044. https://doi.org/10.3389/frwa.2024.1306044 Impact factor: 2.9
12. Sparacino, H.*, **K. F. Stepenuck**, and S.E. Hurley. 2024. Understanding Reduced Salt Practices Used by Commercial Snow Removal Businesses in the Lake Champlain Basin: A Mixed Methods Analysis. *Journal of Environmental Management.* https://doi.org/10.1016/j.jenvman.2023.119957 Impact factor: 8.7
13. Etter, S. B. Strobl, J. Seibert, I.H.J. van Meerveld, K. Neibert, and **K. F. Stepenuck**. 2023. Why Do People Participate in App-based Environment-Focused Citizen Science Projects? *Frontiers in Environmental Science, section Environmental Citizen Science.* https://doi.org/10.3389/fenvs.2023.1105682 Impact factor: 4.6

14. **Stepenuck, K. F.,** E.D. Roy, K. Helmer**, and J. Sleigh**. 2022. Research Note: Recreational Boating, Sewage Production, and Potential Implications for Phosphorus Loading in Lake Champlain. *Journal of Outdoor Recreation and Tourism.* 39, 100551. https://doi.org/10.1016/j.jort.2022.100551 Impact factor: 4.9
15. **Stepenuck, K. F.** and J. Carr. 2022. Early impacts on and program adaptations of North American volunteer water monitoring programs resulting from COVID-19. *J Am Water Resour Assoc.* https://doi.org/10.1111/1752-1688.13043 Impact factor: 2.695
16. Sparacino, H.*, **K. F**. **Stepenuck,** R. K. Gould, and S. E. Hurley. 2021. A Review of Reduced-Salt Snow and Ice Management Practices for Commercial Businesses. *Transportation Research Record.* https://doi.org/10.1177/03611981211052538 Impact factor: 2.019
17. Raub, K*., **K. Stepenuck**, and B. Panikkar. 2021 Exploring the Food-Energy-Water Nexus Approach to Enhance Coastal Community Resilience Planning. *Global Sustainability.* 4, e21, 1-13. https://doi.org/10.1017/sus.2021.20 Impact factor: 5.40
18. Raub, K. B.*, **K. F. Stepenuck**, B. Panikkar, J. C. Stephens. 2021. An analysis of resilience planning at the nexus of food, energy, water, and transportation in coastal US cities. *Sustainability.* 13(11), 6316. https://doi.org/10.3390/su13116316 Impact factor: 3.251
19. Lowry, C. S., M. N. Fienen, D. M. Hall, and **K. F. Stepenuck**. 2019. Growing Pains of Crowdsourced Stream Stage Monitoring using Mobile Phones: The Development of CrowdHydrology. *Frontiers in Earth Science, section Geohazards and Georisks.* 7, 128. https://doi.org/10.3389/feart.2019.00128 Impact factor: 3.498
20. **Stepenuck, K. F.,** and K. D. Genskow. 2019. Traits of Volunteer Water Monitoring Programs that Influence Natural Resource Management and Policy Impacts. *Society & Natural Resources.* 32(3), 275-291. https://doi.org/10.1080/08941920.2018.1511022 Impact factor: 3.024
21. **Stepenuck, K. F.,** and K. D. Genskow. 2018. Characterizing the Breadth and Depth of Volunteer Water Monitoring Programs in the United States. *Environmental Management.* 61(1): 46-57. https://doi.org/10.1007/s00267-017-0956-7 Impact factor: 3.266
22. McKinley, D. C., A. J. Miller-Rushing, H. L. Ballard, R. E. Bonney, H. Brown, S. C. Cook-Patten, D. M. Evans, R. A. French, J. K. Parrish, T.B. Phillips, S. F. Ryan, L. A. Shanley, J. L. Shirk, **K. F. Stepenuck**, J. F. Weltzin, A. Wiggins, O.D. Boyle, R. D. Briggs, S. F. Chapin III, D. A. Hewitt, P. W. Preuss, and M. A. Soukup. 2017. Citizen Science Can Improve Conservation Science, Natural Resource Management, and Environmental Protection. *Biological Conservation.* 208, 15-28. https://doi.org/10.1016/j.biocon.2016.05.015 Impact factor: 7.497
23. **Stepenuck, K.F.**, and L. Green. 2015. Individual and Community-Level Impacts of Volunteer Environmental Monitoring: A Synthesis of Peer-Reviewed Literature. *Ecology and Society.* 20(3):19. http://dx.doi.org/10.5751/ES-07329-200319 Impact factor: 4.403
24. **Stepenuck, K. F.** 2013. Improving Understanding of Outcomes and Credibility of Volunteer Environmental Monitoring Programs. Doctoral dissertation, The University of Wisconsin-Madison.
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Select Presentations (*Indicates student advisee author)

1. **Stepenuck, K.** October 2026. *Sustainable Road Salting in the Lake Champlain Basin.* Addison County River Watch Annual Meeting. New Haven, VT. (Invited speaker)
2. **Stepenuck, K.** and L. Cookson. June 2026. *Foam.* Friends of Vermont Lakes and Ponds Annual Lake Seminar. South Burlington, VT.
3. **Stepenuck, K.** May 2026. *Chittenden County's Road Salt Story: A Lake Champlain Basin StoryMap.* Tech to Teach Session at Great Lakes Sea Grant Networking Conference. Oswego, NY.
4. **Stepenuck, K.** May 2026. *Don't Get Salty.* Extension Professionals Improvement Conference (EPIC). Chittenden, VT.

5. **Stepenuck, K.** March 2026. *Sustainable Road Salting Practices for Communities and Individuals*. Shelburne, VT. (Invited speaker)
6. **Stepenuck, K.** February 25, 2026. *Program Evaluation*. Fundamental of Sea Grant Extension Training Series. Great Lakes Sea Grant Network. Webinar.
7. **Stepenuck, K**. February 11, 2026. *Logic Models.* Fundamental of Sea Grant Extension Training Series. Great Lakes Sea Grant Network. Webinar.
8. Lochet, A., **K. Stepenuck**, J. Silverman, A. Sullivan, L. Cookson, N. Chochrek, M. O'Brien, C. Navitsky, and A. Jefferson. January 2026. *Uniting for Clean Waters: A Community Coalition Approach to a Foam-Free Lake Champlain Basin.* Lake Champlain Research Conference. Burlington, VT.
9. Motes, H.* and **K. Stepenuck**. January 2026. Evaluating Volunteer Retention in a Vermont State Water Monitoring Program. Lake Champlain Research Conference. Burlington, VT. Poster.
10. Hasan, N.,* **K. Stepenuck**, E. Janson, C. Marrow,* and H. Motes.* January 2026. The Lake Champlain Aquatic Nonindigenous Species Information System (LCANSIS). Lake Champlain Research Conference. Burlington, VT. Poster.
11. **Stepenuck, K.,** and D. Allen. January 2026. *Chittenden County Road Salting Story.* Lake Champlain Research Conference. Burlington, VT.
12. **Stepenuck, K.** January 2026. *Understanding Road Salt Practices of Chittenden County Communities.* Central Vermont Regional Planning Commission. (Invited speaker)
13. **Stepenuck, K**. and others. May 2025. *Parent University Panel.* From Afghanistan to Zimbabwe conference. Burlington, VT. (Invited speaker)
14. **Stepenuck, K.** February 2025. *Road Salt Best Practices.* Franklin County (VT) Stormwater Team and Friends of Northern Lake Champlain webinar series. Webinar. (Invited speaker)
15. **Stepenuck, K.** A. Lochet, and G. Wang. April 2024. *Insights of Lake Champlain Beachgoers About Cyanobacteria Blooms and Beach Closures.* Lake Champlain Sea Grant Learn at Lunch Webinar series. Webinar.
16. **Stepenuck, K.** April 2024. *The Role of Participatory Science in Water Resources Understanding and Management.* CIROH Spring 2024 Seminar Series. Burlington, VT. (Invited speaker)
17. Falls, W., **Stepenuck, K**., and others. April 2024. *Lake Champlain Sea Grant Partnership with Vermont's Abenaki People.* Highlighting Abenaki: UVM Collaborations that Bridge Communities. Panelist. Burlington, VT. (Invited speaker)
18. **Stepenuck, K.** February 2024. *Smart Salting and Planting in a Changing Climate.* Vermont Nursery and Landscape Association conference. Burlington, Vermont. (Invited speaker)
19. **Stepenuck, K.** February 2024. *Understanding Salt Use Practices by Winter Snow and Ice Management Professionals in the Lake Champlain Basin.* Lake Champlain Basin Program Vermont Citizens Advisory Council. Webinar. (Invited speaker)
20. **Stepenuck, K.** and L. McQuain. December 2023. *Broadening participation in Water-related Participatory Science Projects in the United States.* AGU. Virtual.
21. **Stepenuck, K.** and L. McQuain. September 2023. *Applying Best Practices and Lessons Learned to Broaden Participation in Volunteer Monitoring Efforts.* National Volunteer Monitoring Network. Webinar.
22. **Stepenuck, K.** May 2023. *People Taking Action.* Sustaining Lake Champlain: A Vision For 2050. Burlington, VT. (Invited speaker)
23. **Stepenuck, K.** November 2022. *Experiences of US-based Volunteer Water Monitoring Programs.* Citizen Science at Irchel Seminar. Zurich, Switzerland.
24. **Stepenuck, K**. November 2022. *Comparing Volunteer and Professional Streamflow Monitoring Methods.* University of Zurich-Irchel. Zurich, Switzerland.
25. **Stepenuck, K.** November 2022. *Lake Champlain Basin Watershed Knowledge and Stewardship Practices Survey Results and Recommendations.* Lake Champlain Basin Program Education and Outreach Committee. Virtual. (Invited speaker)
26. **Stepenuck, K.** September 2022. *Watershed Outreach, Public Engagement, Trust and Government.* IHE Delft-Institute for Water Education. Delft, Netherlands.
27. **Stepenuck, K.**, A. Lochet, and T. Mihuc. July 2022. *Career Panel.* SUNY-Plattsburgh Upward Bound. Plattsburgh, NY. (Invited speaker)
28. **Stepenuck, K.** June 2022. *Understanding Campus Salting Practices Across the US and Municipal Practices in the Lake Champlain Basin.* EPA Chloride Academic Subgroup. Virtual. (Invited speaker.)

29. **Stepenuck, K.,** R. Smith and K. Hartzell. May 2022. *Understanding Winter Maintenance Practices of Basin Communities.* Lake Champlain Research Conference. Burlington, VT.
30. **Stepenuck, K.,** J. Kolodinsky, M. Moser, and L. Fisher. May 2022. *Understanding Knowledge and Stewardship Actions of the Public Across the Lake Champlain Basin to Inform Future Outreach.* Lake Champlain Research Conference. Burlington, VT.
31. **Stepenuck, K.** May 2022. *Mercury in Fish Study.* Lake Champlain Basin Program Boat Landing Stewards Training. Virtual.
32. **Stepenuck, K.** May 2022. *Public contributions to water quality protection in the Lake Champlain Basin. Cells* to Society seminar. College of Agriculture and Life Sciences. UVM. Virtual. (Invited speaker)
33. **Stepenuck, K.** April 2022. *Why Limit Salt on Campus and How to Do It.* UVM Custodial Managers' Meeting. Burlington, VT. (Invited speaker)
34. **Stepenuck, K.** February 2022. *Lake Champlain Sea Grant and Community Partnerships*. Friends of Northern Lake Champlain meeting. Virtual. (Invited speaker)
35. **Stepenuck, K.** February 2022. *Campus Road Salt Use Survey Results.* UVM Salt Mitigation Task Force. Virtual.
36. Lowry, C. and **K. Stepenuck**. December 2021. *Citizen Science in a Professional Science World: Is Citizen Science Dead?* AGU Fall Meeting 2021. New Orleans, LA.
37. Duarte, N., **K. Stepenuck**, and J. Eaton. November 2021. *Healthy Soils, Healthy Lawns.* Composting Association of Vermont Soil Builders webinar. https://www.compostingvermont.org/soil-builders#Lawns
38. UVM Salt Mitigation Task Force. October 2021. *Salt Mitigation Efforts at UVM.* Adirondack-Champlain Salt Summit. Lake George, NY.
39. **Stepenuck. K.** September 2021. *Cyanobacteria 101.* Burlington Parks Commission Meeting. Burlington. VT. (Invited speaker)
40. **Stepenuck, K**., M. Mezacappo, and C. Blake. August 2021. Benthic Macroinvertebrate Monitoring Station. River Fest. North Branch Nature Center, Montpelier, VT.
41. **Stepenuck, K**. and A. Lochet. July 2021. *Understanding Lake Champlain.* Colchester Causeway, Colchester, VT.
42. **Stepenuck, K.** and J. Carr. April 2021. *Impacts of COVID on Volunteer Monitoring Programs.* National Monitoring Conference. Virtual.
43. **Stepenuck, K.** April 2021. *Understanding Sea Grant Community Science Programs and Their Impacts on Environmental Research and Decision-making.* National Monitoring Conference. Virtual.
44. **Stepenuck, K.** April 2021. *The Ins and Outs of Boating and Sewage Disposal at Marinas on Lake Champlain.* Annual Workshop of Marina Owners and Operators in the Lake Champlain basin. Virtual.
45. **Stepenuck, K.** and R. Pierson. February 2021. *Comparing Motivations and Actions of Stream Monitors Around the World.* Catch the WAVe Webinar Series (Wisconsin). (Invited speaker)
46. **Stepenuck, K.** November 2020. *Understanding Recreational Boater Habits on Lake Champlain.* States Organizing for Boating Access (SOBA) Conference. (Invited speaker)
47. **Stepenuck. K.** October 2020. *Understanding Impacts of COVID-19 on Volunteer Monitoring. UCONN College of Agriculture, Health and Natural Resources Seminar Series.* Webinar. (Invited speaker)
48. **Stepenuck, K.** October 2020. *Pumpout Nav! Providing Recreational Boater Access to Pumpouts and a Common Monitoring Database.* Great Lakes Clean Marina Coordinators meeting. Webinar.
49. Stromberg, J., **K. Stepenuck**, and M. Moir. June 2020. *Burlington Water Resources Issues Panel with Jesse Warren.* Webinar. (Invited speaker)
50. **Stepenuck, K.** May 2020. *Engaging in Citizen Science.* Chester (NH) Academy. Webinar. (Invited speaker)
51. **Stepenuck, K.** May 2020. *Salting Our Waters.* Lake Champlain Sea Grant Zoom a Scientist. Webinar.
52. **Stepenuck, K.** May 2020. *Lake Champlain, Water Quality, and You!* Bacon (CT) Academy. Webinar. (Invited speaker)
53. **Stepenuck, K.** April 2020. *Volunteer Recruitment and Retention Panel.* NOAA Citizen Science Workshop. Webinar.
54. **Stepenuck, K.,** and E. Herron. January 2020. *Engaging Volunteers for Long-term Monitoring Program Success.* Citizen Science Association webinar. (Invited speaker)
55. **Stepenuck, K.** and J. Lepak. September 2019. *Sea Grant Harmful Algal Bloom Network.* Great Lakes Sea Grant Networking Meeting. Sault Ste Marie, MI.
56. **Stepenuck, K.** May 2019. *Putting Lake Champlain on a Low Salt Diet.* Extension Professionals Improvement Conference. Woodstock, VT.

57. **Stepenuck, K**. March 2019. *State of the data quality: a review of volunteer monitoring data comparison studies through time. In* Data quality management plans: Lessons learned from the water quality monitoring community Special Session. Citizen Science Association Conference. Raleigh, NC. (Invited speaker)
58. **Stepenuck, K.**, K. Grant, A. Eberhardt, L. Chilton, M. Meyers. March 2019. *Citizen Science in Sea Grant: A Method for Community Engagement through Research.* Special Session. Citizen Science Association Conference. Raleigh, NC.
59. **Stepenuck, K**. and N. Duarte. March 2019. *Creating Healthy Soils Through Simple Yard Care Practices.* The Vermont Flower Show. Essex Junction, VT.
60. **Stepenuck, K.** January 2019. *Engaging the public in scientific research through water monitoring: motivations, outcomes and impacts on natural resource management and policy.* Idaho Water Quality Conference. Boise, Idaho. (Invited plenary speaker)
61. **Stepenuck, K.** January 2019. *The Madness behind the Methods: WAV Stream Flow Explained.* Water Action Volunteers Webinar Series. (Invited speaker)
62. **Stepenuck, K.** November 2018. *Development and Implementation of Citizen Science: the advantages and limits of the direct transfer of environmental knowledge for policy, industry, research and society.* Citizens Observatories for Natural Hazards and Water Management. Venice, Italy. (Invited panelist)
63. **Stepenuck, K.** October 2018. *The Role of Citizen Science in Natural Resource Management and Policy Decisions.* Environmental and Water Resources Engineering Seminar; Department of Civil, Structural, and Environmental Engineering, University at Buffalo, Buffalo, New York. (Invited speaker)
64. Sparacino, H.* and **K. Stepenuck.** November 2018. Winter Road Maintenance: Identifying and Lowering Private Companies' Barriers to Adopting Best Management Practices. North American Lakes Management Society Symposium. Cincinnati, Ohio.
65. Sparacino, H.* and **K. Stepenuck.** September 2018. Winter Maintenance Best Practices: How and Why Companies Use Low Salt Best Practices. Lake Champlain Basin Deicing Conference. Burlington, Vermont.
66. **Stepenuck, K**. September 2018. *Centering Us Around Citizen Science at* Citizen Science in Sea Grant: A Method for Community Engagement through Research Workshop. Sea Grant Week. Portland, Oregon.
67. **Stepenuck, K.** July 2018. *Citizen Science as an Education Tool: Student-based Volunteer Water Monitoring Programs Across the Nation.* NOAA Citizen Science Lunch and Learn Series Webinar. (Invited panelist)
68. Sparacino, H.* and **K. Stepenuck.** April 2018. Winter Maintenance Best Practices: Identifying and Lowering Contractors' Barriers to Adoption. UVM Student Research Conference. Burlington, Vermont.
69. **Stepenuck, K.** March 2018. *Citizen Science Overview.* Sea Grant Network Citizen Science Visioning Workshop.
70. **Stepenuck, K.,** K. Coleman, K. Bates, K. Crowningshield, L. Fisher, C. Hickey, E. Lee, L. Patterson, P. Sagai, J. Wallace, and N. Durate. January 2018. *Exploring Lawn Care Practices of Homeowners to Promote Behavior Changes and Reduce Runoff.* Lake Champlain Research Conference. Burlington, VT.
71. **Stepenuck, K.** January 2018. *Citizen Science: Making a Difference for People and Communities.* Citizen Science at the University of Minnesota webinar. (Invited speaker)
72. **Stepenuck, K.** December 2017. *Volunteer Water Monitoring: Influencing Policies and Natural Resource Management in the United States.* Towards a Columbia Basin Water Monitoring Framework. Invermere, British Columbia, Canada. (Invited speaker)
73. **Stepenuck, K.** November 2017. Pancakes with Professionals. Rubenstein Stewards Event. University of Vermont, Burlington, VT. (Invited panelist)
74. **Stepenuck, K.,** A. Holland, R. Pfeiffer, and L. Wight. November 2017. *Protecting River Corridors: Engaging at the Local Level panel discussion.* Watersheds United Vermont Fall Meeting. Charlotte, VT. (Invited speaker)
75. **Stepenuck, K.** October 2017. *The Power of the People.* Wake Robin Inquire Lecture Series. Shelburne, VT. (Invited speaker)
76. **Stepenuck, K.** October 2017. *Citizen Science, Making a World of Difference.* Iowa Citizen Science Workshop. Iowa City, IA. (Invited keynote)
77. **Stepenuck, K.** September 2017. *Soil Testing Tips and Tricks for Homeowners.* Stormwater-Friendly Lawn Care Workshop. Essex, VT. (Invited speaker)
78. **Stepenuck, K,** C. Williams, M. Morales-Williams, E. Marsden, J. Stockwell, N. Mathews. September 2017. *R/V Melosira for Research and Teaching – Vermont Legislators Trip Aboard the Melosira*. Burlington, VT.
79. Braun, M. and **K. Stepenuck**. July 2017. *The Importance of Protecting River Corridors.* Duxbury Planning Commission. Duxbury, VT.

80. **Stepenuck, K.** May 2017. *Focused on Quality – In the Water and the Data. Citizen* Science Association Data Quality Workshop. St. Paul, MN. (Invited speaker)
81. **Stepenuck, K.** May 2017. *Big Things Start Small: Tips for Everyday People to Help Protect Lakes.* UVM Extension EPIC Conference. Stowe, VT.
82. **Stepenuck, K.** April 2017. *River Corridor Planning Resources*. Making River Corridors Work for You Workshop. Enosburg Fall, VT.
83. **Stepenuck, K.** March 2017. *ANR Atlas Tools for River Corridor Assessment*. Making River Corridors Work for You Webinar.
84. **Stepenuck, K.** March 2017. *Understanding Impacts of Volunteer Water Monitoring Programs on Natural Resource Policy and Management.* Michigan State University Ecology, Evolutionary Biology and Behavior Program Seminar. Lansing, MI. (Invited speaker)
85. **Stepenuck, K.** January 2017. *Community Outreach Focused on River Corridor Protection*. Rubenstein School Spring Seminar Series, From Research to Practice & Back. Burlington, VT. (Invited panelist)
86. **Stepenuck, K.** November 2016. *Can Volunteers Really Make a Difference?* The 12th Annual Conference of the Michigan Clean Water Corps. Tustin, MI. (Invited keynote)
87. **Stepenuck, K.** and R. Tharp. October 2016. *Lake Champlain Sea Grant Outreach Programming and Green Infrastructure Collaborative.* Vermont Agency of Natural Resources Coffee Talk. Montpelier, VT. (Invited presenter)
88. **Stepenuck, K.** and T. Phillips. August 2016. *Exploring the Worlds of Citizen Science and Volunteer Monitoring*. National Water Quality Monitoring Council Webinar. (Invited presenter)
89. **Stepenuck, K.** June 2016. *Understanding Outcomes for Natural Resource Policy and Management in U.S. Citizen Observatories.* Citizens Observatories for Water Management. Venice, Italy. (Invited plenary speaker)
90. **Stepenuck, K.** June 2016. *Outcomes of Volunteer Monitoring Programs on Natural Resources Policy and Management.* Vermont Lakes Seminar. Castleton, VT. (Invited keynote)
91. **Stepenuck, K.** May 2016. *Is the Whole Greater than the Sum of its Parts? Assessing Costs and Benefits of a Volunteer Monitoring Program.* 10th National Monitoring Conference. Tampa, FL.
92. **Stepenuck, K.** March 2016. *Does Volunteer Monitoring Really Make a Difference?* Wisconsin Lakes Convention. Stevens Point, WI. (Invited keynote)
93. **Stepenuck, K.** September 2015. *Leveling the Playing Field: The Role of Citizen-generated Water Level Data in Natural Resources Management Decision-making.* Open Science and Innovation: Of the People, For the People, By the People. White House Citizen Science Forum. Washington DC. (Invited speaker)
94. **Stepenuck, K.** September 2015. *The Key Role of States in Citizen Science*. National Advisory Council for Environmental Policy and Technology. EPA Headquarters, Washington DC. (Invited speaker)
95. **Stepenuck, K.** May 2015. *Understanding Impacts of Volunteer Water Monitoring Programs on Natural Resource Policy and Management*. Society for Freshwater Science. Milwaukee, WI.
96. **Stepenuck, K.** December 2014. Costs, Benefits and Coordination: The Wisconsin Experience. Chesapeake Bay Innovative Water Quality Monitoring Workshop. Annapolis, MD (via webinar). (Invited speaker)
97. Glynn, P. and **K. Stepenuck.** September 2014. *Citizen Science: Empower the Public.* American Water Resources Association Webinar Series. (Invited speaker)
98. **Stepenuck, K.** May 2014. *Improving Understanding of Impacts of Volunteer Water Monitoring Programs on Natural Resource Policy and Management*. 9th National Monitoring Conference. Cincinnati, OH.
99. Corsi, S. and **K. Stepenuck.** September 2013. *Winter Road Management: Go Easy on the Salt.* Wisconsin Water Star 2013 Municipal Water Resource Management Webinar Series. (Invited speaker)
100. **Stepenuck, K.** July 2013. *Outcomes of Water Action Volunteers Stream Monitoring Program.* Connecting social and ecological systems through public participation in scientific research (PPSR): Understand conservation and community outcomes Focus Group at the 26th International Congress for Conservation Biology. Baltimore, MD. (Invited speaker)
101. **Stepenuck, K.** August 2012. *Understanding the Connection between Participant Motivations and Program Outcomes for Most Effective Program Design*. Public Participation in Scientific Research Community Forum. Portland, OR. (Invited speaker)
102. **Stepenuck, K.**, C. Anderson, S. Corsi, and E. Grazia. May 2012. *Volunteer Road Salt Monitoring: Assessing Impacts of Winter Safety Measures on Stream Quality in Wisconsin*. 8th National Monitoring Conference. Portland, OR.

103. **Stepenuck, K.**, B. Deutsch, S. Ruiz-Cordova, T. Muenz, A. Hughes, S. Patrick, and E. Conway. September 2011. *How to Be Outstanding in the Stream: Exploring Methods and Approaches for Volunteer Stream Monitoring*. Southern Regional Water Conference. Athens, GA.
104. Green, L., E. Herron, **K. Stepenuck**, F. Finley, and A. Sigler. February 2010. *Community-based Water Monitoring Programs: Things to Consider before Getting Your Feet Wet.* 2010 Land and Sea Grant National Water Conference. Hilton Head, SC. (Workshop)
105. **Stepenuck, K.**, L. Green, E. Herron, F. Finley, K. Genskow, and A. Gold. October 2009. *Supporting Volunteer Water Quality Monitoring Nationwide.* North American Lake Management Society. Hartford, CT.
106. **Stepenuck, K.**, J. Iles, and L. Wolfson. May 2009. *Citizens Monitoring Bacteria Workshop.* Ohio Watershed Academy. Delaware, OH.
107. Herron, E., **K. Stepenuck**, K. Genskow, and F. Finley. February 2009. *Making the Most of Your Monitoring Data: Strategies for Effective Outreach in Your Local Community*. (Workshop) Cooperative State Research Education and Extension Service National Water Conference. St. Louis, MO.
108. **Stepenuck, K.** February 2009. *Monitoring Lakes, Streams and Ponds.* Southeast Wisconsin Woodland Owners Conference. Waukesha, WI.
109. **Stepenuck, K.**, L. Green, and E. Herron. September 2008. *Utilizing Online Databases to Share And Understand Volunteer Water Monitoring Data.* Alliance of Natural Resource Outreach and Service Programs. New Braunfels, TX.
110. **Stepenuck, K.**, L. Green, and E. Herron. May 2008. *Becoming Outstanding in the Field: Resources to Help Volunteer Monitoring Programs Get Up and Running.* Association of Natural Resources Extension Professionals Conference. Madison, WI.
111. **Stepenuck, K.** April 2008. *Data to Effect Change: Volunteer Monitoring Makes a Difference*. Clean Rivers, Clean Lakes V. Milwaukee, WI.
112. **Stepenuck, K.**, E. O'Brien, L. Crighton, J. Iles, B. Liukkonen, and L. Wolfson. January 2007. *Volunteer Monitoring of E. coli in Upper Midwest Streams: A Comparison of Methods and Preferences.* Cooperative State Research Education and Extension Service National Water Conference. Savannah, GA.
113. **Stepenuck, K.** and D. Ledin. November 2006. *Water for Everyone*. Wisconsin Association of Environmental Educators Conference. Manitowoc, WI.
114. **Stepenuck, K.**, E. O'Brien, L. Crighton, J. Iles, B. Liukkonen, and L. Wolfson. May 2006. *Volunteer Monitoring of E. coli in Upper Midwest Streams: A Comparison of Methods and Preferences.* National Water Quality Monitoring Conference. San Diego, CA.
115. **Stepenuck, K.** and J. Williamson. April 2006. *Aquatic Insects: They Come from Beneath*. Wisconsin Lakes Convention. Green Bay, WI.
116. **Stepenuck, K.**, L. Green, and E. Herron. February 2005. *Obtaining Quality Data*. Cooperative State Research Education and Extension Service National Water Conference. LaJolla, CA.
117. **Stepenuck, K.** January 2005. *Volunteer Monitoring: A National Perspective*. (Invited presenter) 5th Annual Iowa Water Monitoring Conference. Ames, IA.
118. **Stepenuck, K.,** L. Green, E. Herron, A. Gold, K. Addy, and R. Shepard. November 2004. *Partnering with Extension for Volunteer Water Quality Monitoring.* Citizen Environmental Monitoring in Appalachia. Bristol, VA. (Invited speaker)
119. **Stepenuck, K.,** C. Overdevest, and C. Huyck-Orr. May 2004. *Volunteer Stream Monitoring and Local Participation in Natural Resource Issues.* National Water Quality Monitoring Conference. Chattanooga, TN.
120. **Stepenuck, K.** April 2004. *Water Action Volunteers' Citizen Stream Monitoring Program*. Wisconsin Lakes Convention. Green Bay, WI.
121. **Stepenuck, K.** February 2004. *Volunteer Stream Monitoring: Benefits and How You Can Participate*. Wisconsin Association of Land Conservation Employees. Milwaukee, WI.
122. **Stepenuck, K.,** E. Herron, L. Green, and K. Addy. July 2003. *Obtaining and Using Volunteer-Collected Information.* Pacific Northwest Voluntary Water Quality Monitoring Workshop. Ketchum, ID.
123. **Stepenuck, K.** March 2002. *Volunteer Stream Monitoring in Wisconsin*. Northern Landscapes: Connecting People with Nature. Cable, WI.
124. **Stepenuck, K.** March 2001. *Friends of the Branch River Volunteer Stream Monitoring Data Summary*. Friends of the Branch River Annual Meeting. Whitelaw, WI.

Trainings, Workshops, and Conference Planning/Coordination/Facilitation/Instruction
(* Indicates continuing education credits or certification offered.)

1. Led Road Salt Education Workshop for road crews, municipal leaders, nonprofit organizations. October 7, 2026. Hyde Park, VT. 55 participants.
2. Educator at Microplastics Field Day for 5th graders. September 24, 2026. Burlington, VT.
3. Led Road Salt Education trip for road crews and municipal leaders aboard the R/V *Marcelle Melosira*. September 1, 2026. Burlington, VT.
4. Coordinated Sea Grant Scholars' Professional Development "Ignite" workshop. August 27-29, 2026. Burlington, Vermont.
5. Led Road Salt Education trip for road crews and municipal leaders aboard the R/V *Marcelle Melosira*. July 23, 2026. Burlington, VT.
6. Assisted with Parent University Fishing Workshop. July 17, 2026. Burlington, VT.
7. Co-led *Lake Champlain Live* public trip aboard the R/V *Marcelle Melosira*. July 16, 2026 (2:00-4:00 PM). Plattsburgh, NY.
8. Co-led *Lake Champlain Live* public trip aboard the R/V *Marcelle Melosira*. July 16, 2026 (11:45 AM-1:45 PM). Plattsburgh, NY.
9. Co-coordinated Road Salt Education Training for Franklin County Road Crews. July 14, 2026. St. Albans, VT.
10. Led *Lake Champlain Live* public trip aboard the R/V *Marcelle Melosira*. July 10, 2026 (2:00-4:00 PM). Burlington, VT.
11. Led *Lake Champlain Live* public trip aboard the R/V *Marcelle Melosira*. July 10, 2026 (5:30-7:15 PM). Burlington, VT.
12. Coordinated cyanobacteria focused science writers and media educational trip aboard the R/V *Marcelle Melosira*. July 7, 2026. Burlington, VT.
13. Co-coordinated *Annual meeting of Lake Champlain marinas*. April 3, 2026. Burlington, VT.
14. Co-coordinated *Lake Champlain Research Conference.* January 26-27, 2026. Burlington, VT.
15. Coordinated *Road Salt Education Summit.* October 9, 2025. Stowe, VT.
16. Co-coordinated *Flood Resilience community workshop.* August 5, 2025. South Burlington, VT.
17. Co-coordinated *Stormwater Education Methods* (taught as an informal workshop). July 31, 2025. Burlington, VT.
18. Coordinated *Marine Debris* educational trip for science writers and media aboard the R/V *Marcelle Melosira*. July 18, 2025. Burlington, VT.
19. Led *Lake Champlain Live* trip for Arabic community aboard the R/V *Marcelle Melosira*. July 16, 2025. Burlington, VT.
20. Led *Lake Champlain Live* trip for Arabic community aboard the R/V *Marcelle Melosira*. July 15, 2025. Burlington, VT.
21. Co-led *Lake Champlain Live* trip for municipal leaders aboard the R/V *Marcelle Melosira*. July 15, 2025. Burlington, VT.
22. Co-led *Lake Champlain Live* public trip aboard the R/V *Marcelle Melosira*. July 11, 2025. Burlington, VT.
23. Co-led *Lake Champlain Live* trip for the public aboard the R/V *Marcelle Melosira*. July 8, 2025. Plattsburgh, NY.
24. Co-coordinated Flood Resilience community focus group. July 7, 2025. Virtual.
25. Co-coordinated *Arabic Community Fishing Education Workshop*. June 10, 2025. Burlington, VT.
26. Co-led *Lake Champlain Live* trip for municipal official aboard the R/V *Marcelle Melosira*. May 16, 2025. Plattsburgh, NY.
27. Co-coordinated *Nepali Community Fishing Education Workshop*. April 6, 2025. Burlington, VT.
28. Co-coordinated Annual Vermont Marinas Meeting. April 4, 2025. Burlington, VT.
29. Led *Community-based Social Marketing Workshop* for watershed outreach and other environmental professionals. April 1, 2025. South Burlington, VT.
30. Led five Road Salting Best Practices for Custodians trainings in English, Vietnamese, Chinese, French, and Nepali. November 20, 2024. Burlington, VT.
31. Coordinated *Road Salt Education Training.* October 29, 2024. South Burlington, VT.
32. Coordinated *Road Salt Education Workshop.* October 24, 2024. Hyde Park, VT.
33. Assisted with *Parent University Fishing Education Workshop*. October 4, 2024. Burlington, VT.
34. Co-led *Lake Champlain Live* trip for the public aboard the R/V *Marcelle Melosira*. August 28, 2024. Plattsburgh, NY.

35. Co-led *Lake Champlain Live* trip for the public aboard the R/V *Marcelle Melosira*. August 27, 2024. Plattsburgh, NY.
36. Coordinated Sea Grant Scholars' Professional Development workshop. August 22-25, 2024. Vermont and New York (various locations).
37. Co-coordinated *Stories of the Lake* public trip aboard the R/V *Marcelle Melosira*. August 2, 2025. Burlington, VT.
38. Led *Lake Champlain Live* trip for LEAP interns and hosts aboard the R/V *Marcelle Melosira*. July 26, 2024. Burlington, VT.
39. Led *Lake Champlain Live* trip for Arabic community aboard the R/V *Marcelle Melosira*. July 25, 2024. Burlington, VT.
40. Led *Lake Champlain Live* trip for Nepali community aboard the R/V *Marcelle Melosira*. July 25, 2024. Burlington, VT.
41. Led *Lake Champlain Live* trip for state Legislators aboard the R/V *Marcelle Melosira*. July 18, 2024. Burlington, VT.
42. Coordinated *Flood Impacts* educational trip for science writers and media aboard the R/V *Marcelle Melosira*. July 18, 2024. Burlington, VT.
43. Led *Lake Champlain Live* trip for Somali community aboard the R/V *Marcelle Melosira*. July 15, 2024. Burlington, VT.
44. Co-coordinated *Arabic Community Fishing Education Workshop*. May 10, 2024. Burlington, VT.
45. Co-coordinated *Nepali Community Fishing Education Workshop*. April 13, 2024. Burlington, VT.
46. Coordinated *Road Salt Research Symposium.* January 11, 2024. Burlington, VT.
47. Coordinated *Road Salt Education Workshop.* October 26, 2023. Hyde Park, VT.
48. Co-coordinated *Applying Best Practices and Lessons Learned to Broaden Participation in Volunteer Monitoring Efforts.* May 17, 2023. Virtual.
49. Co-coordinated *Applying Best Practices and Lessons Learned to Broaden Participation in Volunteer Monitoring Efforts Workshop.* National Monitoring Conference. April 26, 2023. Virginia Beach, VA.
50. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Using Citizen Science Data to Inform Hydrological Models.* April 19, 2023. Virtual.
51. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Lessons Learned: Sustaining Participation Over Decades.* April 12, 2023. Virtual.
52. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: App, Mobile Phone, and Sensor-Based Hydrological Monitoring.* April 5, 2023. Virtual.
53. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Addressing Social and Ethical Dilemmas.* March 29, 2023. Virtual.
54. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Starting Simple (II): Basic Methods for Water Quantity Monitoring.* March 22, 2023. Virtual.
55. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Starting Simple (I): Hands-on Methods for Water Quality Monitoring.* March 15, 2023. Virtual.
56. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Citizen Science in Outreach and Education.* March 8, 2023. Virtual.
57. Co-coordinated *Integrating Citizen Science with Water Resources Research Across the Globe: Best Practices in Project Design and for Diverse Participation.* March 1, 2023. Virtual.
58. Coordinated *Sea Grant Scholars Ongoing Professional Development Opportunities*. October 21, 2022. December 2, 2022. December 2, 2022. March 7, 2023. Fall 2023 (2). Spring 2024 (1). Fall 2024 (1). Burlington, VT.
59. Co-coordinated Graduate Student Professionals Development – Faculty Peer Review Panel. April 9, 2024. Burlington, VT.
60. Co-coordinated Annual Vermont Marinas Meeting. April 5, 2024. Burlington, VT.
61. Coordinated *Sea Grant Scholars Professional Development Immersion Program*. August 2022, 2023, 2024. VT, NY.
62. Coordinated and co-instructed *Lake Education and Action Program Intern Limnology Day.* July 20, 2022. Burlington, VT.
63. Hosted *Can We Talk* professional development opportunity for professionals in the Lake Champlain Basin. June 17-24, 2022. Virtual.

64. Co-coordinated *Abenaki Water Perspectives* professional development opportunity for watershed outreach professionals in Vermont. June 17, 2022. Burlington, VT.
65. Hosted *Community-based Social Marketing Workshop* for watershed outreach and other environmental professionals. June 7, 8, and 9, 2022. Virtual.
66. Co-instructed *Stormwater Education Methods* workshop for watershed groups. June 1, 2022. Burlington, VT.
67. Co-coordinated *Lake Champlain Basin Research Conference*. May 23-24, 2022. Burlington, VT.
68. Co-coordinated *Cultural Community Fishing Education workshop (for Somali, Arabic and Bosnian language speakers).* May 15, 2022. Burlington, VT.
69. Co-coordinated *Cultural Community Fishing Education workshop (for Nepali language speakers).* April 2, 2022. Burlington, VT.
70. *Instructed *NR Atlas Course for Real Estate Professionals*. March 15, 2022. Virtual.
71. Hosted *Water Words That Work.* March 8, 10 and 17, 2022. Virtual.
72. Co-hosted *Lake Champlain-Richelieu River Flood Study Public Meetings (2).* February 8, 2022. Virtual.
73. *Instructed *NR Atlas Course for Real Estate Professionals*. January 20, 2022. Virtual.
74. Hosted *Smart Salting for Parking Lots and Sidewalks training.* October 25, 2021. Virtual.
75. Co-coordinated *Adirondack-Champlain Salt Summit.* October 14, 2021. Lake George, NY.
76. Co-coordinated *Cultural Community Fishing Education workshop (for Nepali and Arabic language speakers).* August 28, 2021. Burlington, VT.
77. Co-coordinated *Sea Grant Scholars professional development immersion program*. August 23-27, 2021. VT, NY and NH.
78. Co-coordinated *Community Science Catalyst: Increasing Diversity and Sharing Resources and Needs of Water Resources-Related Community Science Programs.* May 26, 2021. Citizen Science Association CitSci Virtual.
79. Co-coordinated *Annual Lake Champlain Marina Workshop.* April 2, 2021.
80. Coordinated logistics and planning for *Speak Up: Bias Awareness and Intervention Workshop*. February 1, 2021.
81. Co-facilitated Knauss Fellows Speed Networking. January 7, 2021.
82. Led planning team for English language *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting*. September 30, 2020 (7:00 PM).
83. Led planning team for English language *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting*. September 30, 2020 (10:00 AM).
84. Co-facilitated *Potential Presence of and Risks from COVID-19 in Water*. Webinar. Recording and resources posted at: http://volunteermonitoring.org/covid September 29, 2020.
85. Led planning team for French language *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting*. September 29, 2020 (7:00 PM).
86. Led planning team for French language *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting*. September 29, 2020 (10:00 AM).
87. Coordinated *Science Storytelling in the Digital Age.* August 10, 2020. Webinar. Recording and resources available at: http://volunteermonitoring.org/covid
88. Co-facilitated *Panel Discussion on Volunteer Trainings During COVID.* July 8, 2020. Webinar. Recording and resources available at: http://volunteermonitoring.org/covid
89. Co-hosted *Volunteer Field Work Town Hall.* Citizen Science Association. Webinar. 95 participants. June 3, 2020.
90. Co-coordinated *Sea Grant Community Science Network Meeting*. May 14, 2020. Webinar.
91. Co-led and presented at *Citizen-based Aquatic Field Sampling in the Time of COVID*. April 22, 2020. Webinar. Recording and resources available at: http://volunteermonitoring.org/covid
92. *Instructed *ANR Atlas course for Real Estate Professionals*. March 3, 2020. Burlington, VT.
93. Co-coordinated *Vermont Citizen Science Summit*. December 12, 2019. Montpelier, VT.
94. *Instructed *ANR Atlas course for Real Estate Professionals*. December 4, 2019. Newport, VT.
95. Local host committee for *North American Lake Management Society Symposium.* November 10-15, 2019. Burlington. VT.
96. *Instructed *ANR Atlas course for Real Estate Professionals*. November 6, 2019. Burlington, VT.
97. Co-coordinated *Burlington Area Road Salt Education Workshop.* October 24, 2019. South Burlington, VT.
98. *Planning team member and co-hosted *Adirondack-Champlain Regional Salt Summit*. October 3, 2019. Lake Placid, NY.

99. Established and hosted monthly *Lake Champlain Sea Grant Research Brown Bag Seminars/Webinars*. September 2019 – May 2020. Burlington, VT and online.
100. Hosted and co-coordinated *Sea Grant Academy Week #2*. September 23-27, 2019. Burlington, VT.
101. Planning team member for the *Great Lakes Networking Meeting*. September 17-19, 2019. Sault Ste. Marie, MI.
102. Collaborated to plan *Lake Champlain Richelieu River Flood Study Public Outreach* meeting. August 14, 2019, Burlington, VT.
103. Collaborated to plan and hosted *Lake Champlain Richelieu River Flood Study Public Outreach* meeting. August 13, 2019, Westport, VT.
104. Collaborated to plan and hosted *Lake Champlain Richelieu River Flood Study Public Outreach* meeting. August 12, 2019. Shoreham, VT.
105. Co-led *Abenaki Summer Happenings Aboard the R/V Melosira*. July 30, 2019. Burlington, VT.
106. Planning team member for *Septic Workshops for Homeowners, Real Estate Professionals and Designers.* May 9, 2019. Burlington, VT.
107. Coordinated *Nebi: Abenaki Ways of Knowing Water* Earth Day film release. April 22, 2019.
108. Planning team member for the *Leahy Summit for Lake Champlain*. April 5, 2019.
109. Co-coordinated the *Annual Meeting of Marina Owners and Operators.* March 29, 2019. Burlington, VT.
110. Co-coordinated *Lake Champlain Sea Grant Site Review.* March 19-21, 2019. Burlington, VT.
111. Coordinated and co-hosted NOAA Office for Coastal Management's *Planning and Facilitating Collaborative Meetings.* December 4 and 5, 2018. Essex Junction, VT.
112. Planning team member for *Watersheds United Vermont and Lake Champlain Basin Program Fall Meeting*. November 13, 2018. Burlington, VT.
113. Planning team member and co-host for *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting*. November 9, 2018. Burlington, VT.
114. Planning team member and co-host for *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting.* November 8, 2018. Whallonsburg, NY.
115. Planning team member for *International Joint Commission Lake Champlain-Richelieu River Flood Study public meeting.* November 7, 2018. St. Jean sur Richelieu, Quebec.
116. *Coordinated *Lake Champlain Basin Deicing Conference*. October 10, 2018. Burlington, VT.
117. Co-coordinated the 5 Gyres' Institute *Plastic Beach Protocol* held in conjunction with the International Coastal Clean-up, coordinated by the Rozalia Project. September 15, 2018. North Beach, Burlington, VT
118. Co-coordinated and instructed *Lake Champlain Live* trip for Lewis Creek Association and local decision makers aboard the R/V *Melosira*. September 12, 2018. Burlington, VT.
119. Table educator for *Raise the Blade* and *Rain Chains to Reduce Stormwater Runoff* at Art Hop. September 7 and 8, 2018. Burlington, VT.
120. Co-coordinated *Lake Champlain Live* public trip aboard the R/V *Melosira*. August 22, 2018. Burlington, VT.
121. Co-coordinated *Lake Champlain Live* public trip aboard the R/V *Melosira*. August 17, 2018. Burlington, VT.
122. Co-coordinated and instructed *Lake Champlain Live* and *Stories of the Lake* trip with Wake Robin residents aboard the R/V *Melosira*. August 7, 2018. Burlington, VT.
123. Co-coordinated and instructed *Lake Champlain Live* trip with Vermont Migrant Education Program aboard the R/V *Melosira*. August 6, 2018. Burlington, VT.
124. Co-coordinator of *Lake Champlain Live* public trip aboard the R/V *Melosira*. August 6, 2018. Burlington, VT.
125. Co-coordinated and instructed *Stories of Lake Champlain* public trip aboard the R/V *Melosira*. August 6, 2018. Burlington, VT.
126. Co-coordinated and instructed *Lake Champlain Live* Abenaki Summer Happenings group trip aboard the R/V *Melosira*. August 1, 2018. Burlington, VT.
127. Co-coordinated *Lake Champlain Live* public trip aboard the R/V *Melosira*. August 1, 2018. Burlington, VT.
128. Co-coordinated and instructed *Lake Champlain Live* Kamehameha Schools (Hawaii) Sustainability course participants aboard the R/V *Melosira*. July 31, 2018. Burlington, VT.
129. Co-coordinated *Stories of Lake Champlain* public trip aboard the R/V *Melosira*. July 31, 2018. Burlington, VT.
130. Co-coordinated *Lake Champlain Live* public trip aboard the R/V *Melosira*. July 24, 2018. Burlington, VT.
131. Co-coordinated *Stories of Lake Champlain* public trip aboard the R/V *Melosira*. July 24, 2018. Burlington, VT.
132. Co-coordinated and instructed *Lake Champlain Live* public trip aboard the R/V *Melosira*. July 18, 2018. Burlington, VT.

133. Co-coordinated and instructed *Stories of Lake Champlain* public trip aboard the R/V *Melosira*. July 12, 2018. Burlington, VT.
134. Planning team member for *Restore the Bay: Take a Stake in Our Lake.* June 7, 2018. St. Albans, VT.
135. Coordinated and hosted NOAA Office for Coastal Management's *Introduction to Planning and Facilitating Effective Meetings*. April 12, 2018. South Burlington, VT.
136. Co-coordinator of *Annual Lake Champlain Marina Owner and Operators Workshop*. March 30, 2018. Burlington, VT.
137. Planning team member for *Sea Grant Network Citizen Science Visioning Workshop*. March 20 and 21, 2018. Santa Barbara, CA.
138. Planning team member for *Sea Grant Network Community Response to Flooding Visioning Workshop*. February 28 – March 1, 2018. Miami, FL.
139. Planning team member for *Lake Champlain Research Conference*. January 9, 2018. Burlington, VT.
140. Co-coordinated and educated *Stream Table Demonstration*. November 27, 2017. Mosaic Center. University of Vermont, Burlington, VT.
141. Coordinated *Volunteer Recruitment and Retention*, the inaugural webinar of the Citizen Science Association. November 14, 2017.
142. Co-coordinated and instructed *River Corridors Workshop and Stream Table Demonstration* at Waterbury. October 30, 2017. Waterbury, VT.
143. *Co-coordinated *Lake Champlain Basin Deicing Conference*. September 29, 2017. Burlington, VT.
144. Table educator for *Raise the Blade Low Input Lawn Care Project.* Bikes and Bites. September 14, 2017. South Burlington, VT.
145. Co-coordinated and instructed *Lake Champlain Live* trip for Green Mountain Water Environment Association aboard the R/V *Melosira*. September 7, 2017. Burlington, VT.
146. Co-coordinated and instructed *Lake Champlain Live* public trip aboard the R/V *Melosira*. August 17, 2017. Burlington, VT.
147. Co-coordinated and presented at *Native Plants to Protect Shorelines and Promote Pollinators* workshop. July 26, 2017. Lake Carmi, VT.
148. Co-coordinated and presented at *Native Plants to Protect Shorelines and Promote Pollinators* workshop. July 18, 2017. Castleton, VT.
149. Co-coordinated the *Lake Champlain Sea Grant Institutional Status Site Review*. July 11-12, 2017. Burlington, VT.
150. Instructed *Stream Table Demonstration* at Bakersfield 4th of July Event. July 1, 2017. Bakersfield, VT.
151. Coordinated *McNeil Power Plant* public tour as part of Get to Know Our Watershed Tour Series. August 22, 2017. Burlington, VT.
152. Coordinated *Winooski Hydro Plant* public tour as part of Get to Know Our Watershed Tour Series. August 22, 2017. Burlington, VT.
153. Co-coordinated and instructed *Stories of the Lake* public trip aboard the R/V *Melosira*. July 17, 2017. Burlington, VT.
154. Planning team member for *Take a Stake in Our Lake.* June 1, 2017. St. Albans, VT.
155. Co-coordinated *Volunteer Water Monitoring National Network Meeting*. May 18, 2017. St. Paul, MN.
156. Co-coordinated *Making River Corridors Work for You Workshop*. April 18, 2017. Enosburg Fall, VT.
157. Co-coordinated *Annual Lake Champlain Marina Owner and Operators Workshop*. March 31, 2017. Burlington, VT.
158. Coordinated *Making River Corridors Work for You Webinar*. March 29, 2017.
159. Co-coordinated *Law and Policy for Ecological Restoration: The Example of Lake Champlain. A Conference for Visiting Chinese Judges and Scholars, and Vermont Law School Students.* March 3 and 4, 2017. Burlington, VT.
160. Co-coordinated *Making River Corridors Work for You Workshop*. January 18, 2017. Morrisville, VT.
161. Co-coordinated and presented *Sea Grant Fellowships* Session. December 14, 2016.
162. Co-coordinated and presented *Sea Grant Fellowships Webinar*. November 22, 2016.
163. Coordinated *Community-based Social Marketing Workshop*. September 29 and 30, 2016. Burlington, VT.
164. Co-coordinated *Fisheries Leadership Institute*. August 29 and 30, 2016. Crown Point, NY.
165. Coordinated *Aiken Center Green Roof* public tour as part of Get to Know Our Watershed Tour Series. August 2016. Burlington, VT.

166. Coordinated *Winooski Hydro Plant* public tour as part of Get to Know Our Watershed Tour Series. August 25, 2016. Burlington, VT.
167. Coordinated *McNeil Power Plant* public tour as part of Get to Know Our Watershed Tour Series. August 18, 2016. Burlington, VT.
168. Coordinated *Green Stormwater Infrastructure Bicycle Tour* public tour as part of Get to Know Our Watershed Tour Series. August 4, 2016. Burlington, VT.
169. Coordinated *Burlington Drinking Water Plant* public tour as part of Get to Know Our Watershed Tour Series. July 28, 2016 Burlington, VT.
170. Instructed *Lake Champlain Live* aboard the R/V *Melosira*. ECHO Summer Teacher Institute. July 26, 2016. Burlington, VT.
171. Coordinated *Burlington Wastewater Treatment Plant* public tour as part of Get to Know Our Watershed Tour Series. July 14, 2016 Burlington, VT.
172. Coordinator of *Citizen Science and Volunteer Monitoring as a Tool for Addressing Community Resilience Workshop* at the National Association of Natural Resource Extension Professionals Conference. June 29, 2016. Burlington, VT.
173. Co-coordinator of *Making River Corridors Work for You Workshop*. June 14, 2016. Rutland, VT.

Media – Films and Videos

1. Lochet, A., J. Silverman, L. Cookson, **K. F. Stepenuck**, A. Sullivan, and J. M. O'Brien. 2026. Inspecting Your Encapsulated Foam Dock Floats. Peregrine Productions. https://www.youtube.com/watch?v=6pZlsZEyTCc
2. **K. F. Stepenuck,** A. Lochet, J. Silverman, L. Cookson, J. M. O'Brien, and A. Sullivan. 2026. Flood Safety Act and Foam Floatation. Peregrine Productions. https://www.youtube.com/watch?v=zi7dX5qZe5I&t=4s (I led script development.)
3. Devlin, J., A. Cate, and **K. Stepenuck**. 2026. South Burlington, VT, Road Salt Reduction Methods. Peregrine Productions. Educational film. https://vimeo.com/1183763452/6718c5c261?share=copy&fl=sv&fe=ci
4. AGU. 2025. Resilient Futures in Burlington, Vermont. Educational film. https://www.youtube.com/watch?v=e61JV1HNFFI (I was a community scientist on this Thriving Earth Exchange project.)
5. White, M., C. Gilbertson, V. Franke, and **K. Stepenuck**. 2024. Tips for salting for custodians and others who manage building entryways: Part 1. Peregrine Productions. Five educational films developed in English, Nepali, Vietnamese, Chinese, and French. https://www.uvm.edu/seagrant/reducing-use-of-deicing-salt-for-businesses-custodial-staff/
6. White, M., C. Gilbertson, V. Franke, and **K. Stepenuck**. 2024. Tips for salting for custodians and others who manage building entryways: Part 2 Using Entry. Peregrine Productions. Five educational films developed in English, Nepali, Vietnamese, Chinese, and French. https://www.uvm.edu/seagrant/reducing-use-of-deicing-salt-for-businesses-custodial-staff/
7. French, M., R. Nolan, and **K. Stepenuck**. 2024. How to Make and Use Salt Brine: Hyde Park, VT, Road Salting Success Story. Peregrine Productions. Educational film. https://youtu.be/s-LZYeMI7Xg
8. Lake Champlain Basin Program, **Lake Champlain Sea Grant**, Vermont Fish and Wildlife Department, Health Disparities Cultural Competency Council, and Peregrine Productions. How to Buy a Vermont Fishing License. 2023. 10 educational films in Arabic, Burmese, English, French, Kirundi, Nepali, Somali, Spanish, Swahili, and Vietnamese. https://vtfishandwildlife.com/fish/language-assistance-fishing
9. Lake Champlain Basin Program, **Lake Champlain Sea Grant**, Vermont Fish and Wildlife Department, Health Disparities Cultural Competency Council, and Peregrine Productions. How to Use the Vermont Fishing Regulations. 2023. 10 educational films in Arabic, Burmese, English, French, Kirundi, Nepali, Somali, Spanish, Swahili, and Vietnamese. https://vtfishandwildlife.com/fish/language-assistance-fishing
10. Lake Champlain Basin Program, **Lake Champlain Sea Grant**, Vermont Fish and Wildlife Department, Health Disparities Cultural Competency Council, and Peregrine Productions. Fish Identification Tips. 2023. 10 educational films in Arabic, Burmese, English, French, Kirundi, Nepali, Somali, Spanish, Swahili, and Vietnamese. https://vtfishandwildlife.com/fish/language-assistance-fishing
11. White, M., C. Gilbertson, V. Franke, and **K. Stepenuck**. 2022. Tips for salting for custodians and others who manage building entryways. Peregrine Productions. Educational film. https://www.uvm.edu/seagrant/reducing-use-of-deicing-salt-for-businesses-custodial-staff/

12. Smith, A., V. Franke, and **K. Stepenuck**. March 2022. Peregrine Productions. Private Contractor Salt Calibration. Educational film. https://www.youtube.com/watch?v=7gFTmX6v6dA
13. Guillemette, D., A. Cate, and **K. Stepenuck**. February 2022. Peregrine Productions. Municipal Salt Truck Calibration. Educational video. https://www.youtube.com/watch?v=C9sWM7WN95E
14. **Stepenuck, K**. C. McKelvey, and G. Deziel. 2021. Salt Use and Lake Water Quality. UVM Extension. https://www.youtube.com/watch?v=mvxRYz9PrpM&list=PLX4Epplbh76gaN4rjiKgUy4yj_zz-EYjl&index=7
15. **Stepenuck, K.** C. McKelvey, and G. Deziel. 2021. Sampling Swimming Water. UVM Extension. https://www.youtube.com/watch?v=GTkvf7VVWFw&list=PLX4Epplbh76gaN4rjiKgUy4yj_zz-EYjl&index=6
16. **Stepenuck, K**., C. McKelvey, and G. Deziel. 2021. Cyanobacteria. UVM Extension. https://www.youtube.com/watch?v=oWWlzxv5Vbc&list=PLX4Epplbh76gaN4rjiKgUy4yj_zz-EYjl&index=5
17. **Stepenuck, K.**, M. Malchoff, C. McKelvey, and G. Deziel. 2021. Aquatic Invasive Species. UVM Extension. Educational film. https://www.youtube.com/watch?v=XczU84vTg24&list=PLX4Epplbh76gaN4rjiKgUy4yj_zz-EYjl&index=5
18. Guillemette, D., A. Cate, T. DePietro, T. Rhoades, and **K. Stepenuck**. March 2021. Reducing Municipal Road Salt Use. Peregrine Productions. Educational film. https://www.uvm.edu/seagrant/tips-for-reducing-use-of-road-salt-for-community-leaders/
19. **Stepenuck, K.,** K. Bates, N. Duarte, L. Fisher, S. Hagar, C. Hickey, L. Jenness, and L. Patterson. September 2020. Raise Your Lawnmower Blade to Keep Local Waters Clean. Kindea Labs. Educational film (short version). http://vimeo.com/457067995
20. **Stepenuck, K**., M. Papineau, A. Champoux. September 2020. Understanding the Lake Champlain-Richelieu River basin and Flooding: Structural Mitigation Measures in the Richelieu River. Great Lakes Outreach Media. Educational film. https://vimeo.com/460591581
21. **Stepenuck, K**., M. Papineau, A. Champoux. September 2020. Understanding the Lake Champlain-Richelieu River basin and Flooding: Storing Flood Waters. Great Lakes Outreach Media. Educational film. https://vimeo.com/460592781
22. **Stepenuck, K**., M. Papineau, A. Champoux. September 2020. Understanding the Lake Champlain-Richelieu River basin and Flooding: Flooding Myths. Great Lakes Outreach Media. Educational film. https://vimeo.com/460590195
23. **Stepenuck, K**., M. Papineau, A. Champoux. September 2020. Understanding the Lake Champlain-Richelieu River basin and Flooding: Cause and Impacts. Great Lakes Outreach Media. Educational film. https://vimeo.com/460591931
24. **Stepenuck, K.,** K. Bates, N. Duarte, L. Fisher, S. Hagar, C. Hickey, L. Jenness, and L. Patterson. August 2020. *Raise the Blade for Water Quality.* Kindea Labs. Educational video. https://vimeo.com/438331280
25. Stevens, D., **K. Stepenuck**, and A. Eaton (Producers). April 2019. *Nebi: Abenaki Ways of Knowing Water.* Peregrine Productions. Educational film. https://www.uvm.edu/seagrant/resources/videos/nebi-abenaki-ways-knowing-water

Media – News Stories, Television Segments, and Radio (* Undergraduate intern)

1. Finley, A., **Stepenuck, K,** and N. McPeak*. August 12, 2026. How can you project Lake Champlain from polystyrene pollution? Across the Fence. WCAX. TV segment. https://www.youtube.com/watch?v=h3AH8saMUX8
2. Reed, E. July 30, 2026. Unencapsulated polystyrene foam prohibited in floating structures on Vermont waters. The Charlotte News. Print and online news story. https://www.charlottenewsvt.org/2026/07/30/unencapsulated-polystyrene-foam-prohibited-in-floating-structures-on-vermont-waters/ (My project's press release.)
3. Thurston, J. July 27, 2026. New app helps Lake Champlain Boaters find sewage pumpout stations. NBC5-WPTZ. Online and Television News Story. https://www.mynbc5.com/article/new-app-lake-champlain-sewage-pumpout/73277216 (My project's press release.)
4. Bradley, P. July 9, 2026. Lake Champlain researchers highlight research into cyanobacteria blooms. WAMC. Online and Radio News Story. https://www.wamc.org/news/2026-07-09/lake-champlain-researchers-highlight-research-into-cyanobacteria-blooms (I facilitated event that led to this article.)

5. Hancox, C. July 7, 2026. Vermont scientists use Lake Champlain boat ride to study cyanobacteria blooms. NBC5-WPTZ. Online and Television News Story. https://www.mynbc5.com/article/boat-ride-awareness-cyanobacteria/71857144 (I facilitated event that led to this article.)
6. Saxe, A. July 7, 2026. Scientists aboard UVM research vessel study algae blooms on Lake Champlain. WCAX. Online and Television News Story. https://www.wcax.com/2026/07/07/scientists-aboard-uvm-research-vessel-study-algae-blooms-lake-champlain/ (I facilitated event that led to this article.)
7. Wertlieb, M., A. Laurion, **K. Stepenuck**, T. Williams, and M. French. February 24, 2026. Don't get salty: Finding alternative solutions to road salt. Vermont Edition. Vermont Public radio show. https://www.vermontpublic.org/show/vermont-edition/2026-02-24/dont-get-salty-finding-alternative-solutions-to-road-salt (Invited speaker)
8. Reed, E. February 7, 2026. UVM Extension: Salt pollution takes its toll. Times Argus. Print and online news story. https://www.timesargus.com/features/weekend_magazine/uvm-extension-salt-pollution-takes-its-toll/article_1d41fec0-9296-5a5a-b4ff-d63c91d076fe.html
9. Reed, E. February 5, 2026. Studying how to reduce road salt impact on Lake Champlain. The Charlotte News. Print and online news story. https://www.charlottenewsvt.org/2026/02/05/studying-how-to-reduce-road-salt-impact-on-lake-champlain/
10. Reed. E. February 1, 2026. Bennington Banner. Print and online news story. https://www.benningtonbanner.com/community-news/winter-salt-week-highlighted-all-the-road-salt-we-use-and-how-to-reduce-it/article_c0d03914-25f2-400f-9d84-b2023ce11588.html
11. Reed, E. January 30, 2026. This 'Winter Salt Week' Highlighted all the Road Salt we Use, and How to Reduce it. UVM CALS Extension News Story. https://www.uvm.edu/extension/news/winter-salt-week-highlighted-all-road-salt-we-use-and-how-reduce-it (Leading news story on *Inside UVM* electronic campus news, 6 February 2026).
12. Kuchle, S. January 26, 2026. Salt's hidden cost: Does Vermont winter safety come at an environmental price? North Star Monthly. Online News Story. https://www.northstarmonthly.com/features/does-vermont-winter-safety-come-at-an-environmental-price/article_d0699879-4feb-49d6-8cc8-d5459b739a3b.html
13. Finley, A., **Stepenuck, K,** and Benjamin, J. January 26, 2026. How to Go Salt-free on Vermont Roadways. Across the Fence. WCAX. TV segment. https://www.youtube.com/watch?v=eWlvrDf2lhA
14. **Stepenuck, K.** January 16, 2026. Prepare for Winter Salt Week – January 26-30, 2026. LCSG News Story. https://www.uvm.edu/seagrant/2026/01/16/prepare-for-winter-salt-week-january-26-30-2026/
15. AGU Thriving Earth Exchange. December 30, 2025. Assessing and Educating about Flood Risks and Building Resilience: Empowering Vermont's Refugee and Immigrant Community, South Burlington, Vermont, USA. Online News Story. https://thrivingearthexchange.org/project/south-burlington-vermont/
16. Vermont, C. December 29, 2025. UVM Studies the safety of using less road salt. Vermont Daily Chronicle. Online News Story. https://vermontdailychronicle.com/uvm-studies-the-safety-of-using-less-road-salt/
17. Thiele, R. December 29, 2025. Road salt harms plants and aquatic life. How to use salt more sustainably this winter. Radio and online news story. Indiana Public Radio. https://www.ipm.org/news/2025-12-29/road-salt-harms-plants-and-aquatic-life-how-to-use-salt-more-sustainably-this-winter and https://www.wfyi.org/news/articles/road-salt-harms-plants-and-aquatic-life-how-to-use-salt-more-sustainably-this-winter (invited speaker)
18. **Stepenuck, K.** December 22, 2025. New Online StoryMap Shares Chittenden County Road Salting Practices and Resources for Sustainable Salting. LCSG Newsletter and Online News Story. https://www.uvm.edu/seagrant/2025/12/22/new-online-storymap-shares-chittenden-county-road-salting-practices-and-resources-for-sustainable-salting/
19. **Stepenuck, K.** November 20, 2025. Hyde Park, Vermont Reduces Road Salt by 40 Percent with Sustainable Salt Use Practices. LCSG Newsletter and Online News Story. https://www.uvm.edu/seagrant/2025/11/20/hyde-park-vermont-reduces-road-salt-by-40-percent-with-sustainable-salt-use-practices/
20. Crandall, A. October 9, 2025. New road salt methods save money, protect environment. TV news story. NBC5. https://www.mynbc5.com/article/new-road-salt-methods-save-money-protect-environment/68990754
21. Hancox, C. October 9, 2025. Stowe road salt workshop shares best practices for a more sustainable Vermont winter. TV news story. NBC5. https://www.mynbc5.com/article/workshop-cut-road-salt/68965664
22. **Stepenuck, K.** September 17, 2025. Interactive Workshop About Sustainable Road Salting Practices. UVM CALS Online News Story. https://www.uvm.edu/extension/news/interactive-workshop-about-sustainable-road-salting-practices

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25. Hartnett, S. July 22, 2025. Researchers Sound the Alarm on Microplastics in Lake Champlain. Print media. Seven Days. https://www.sevendaysvt.com/news/researchers-worry-about-microplastics-in-lake-champlain-44056504 (I facilitated event that led to this article).
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54. Bradley, P. October 4, 2020. *Study Board Holds Meetings on Lake Champlain Flood Mitigation Options.* WAMC Public Radio. Audio and online transcript. https://www.wamc.org/post/study-board-holds-meetings-lake-champlain-flood-mitigation-options
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63. Gram, D., **K. Stepenuck**, and L. Fisher. WDEV. July 7, 2020. *Raise the Blade for Water Quality.* Dave Gram Show. Radio show. https://wdevradio.com/real-estate-boom-supreme-court-decision-religious-schools/
64. **Stepenuck, K**., N. Duarte and K. Bates. May 2019. *Raise the Blade for Water Quality.* South Burlington and Shelburne Living. News article.
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66. **Stepenuck, K.,** P. Sexton, and C. Dobbins. October 30, 2018 (original air date). *Lake Champlain Basin Deicing Conference* on Across the Fence, WCAX. TV segment. https://www.youtube.com/watch?v=XqxSCVd6Ih8
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70. Garneau, D. and **K. Stepenuck**. December 13, 2017 (original air date). *Microplastics in the Lake* on Across the Fence, WCAX. TV segment. https://www.youtube.com/watch?v=gTL3fYuP0l4
71. **Stepenuck, K**. and C. Parnapy. October 2017. *Salt Use on Winter Roads* on Across the Fence, WCAX. TV segment. https://www.youtube.com/watch?v=7Y4-E-OaeFs and https://www.youtube.com/watch?v=AIlwpJzJ_NM
72. *Burlington Free Press*, September 9, 2017, Lake Champlain Research Vessel Explores Stormwater Sites. https://www.burlingtonfreepress.com/videos/news/2018/10/29/lake-champlain-research-vessel-explores-stormwater-sites/105434558/

Professional Service / Volunteer Roles

University Service

- Rubenstein School of Environment and Natural Resources, Faculty Standards Committee. September 2023 – June 2026
- University of Vermont, Flood Resilience Educator Search committee lead. November 2024 – January 2025
- University of Vermont, Lake Champlain Sea Grant Partnered Fellowship position search committee lead. February – March 2024
- University of Vermont, Lake Champlain Sea Grant Financial and Research Manager position search committee lead. October 2023 – February 2024
- University of Vermont, Extension Forestry Faculty position search committee lead. December 2021 – June 2022
- University of Vermont, Lake Champlain Sea Grant Director search committee affiliate. April – May 2022
- University of Vermont, Lake Champlain Sea Grant BLUE Coordinator search team member. February-March 2022
- University of Vermont, Program Support Generalist search committee lead. November 2021 – January 2022
- University of Vermont, Green Infrastructure Collaborative Coordinator search committee lead. August – September 2021
- University of Vermont, Indigenous People's Working Group member. 2021 – 2022
- UVM Salt Reduction Taskforce. University of Vermont. 2021 – present
- University of Vermont Student Affairs Committee. September 2020 – August 2022
- Lake Champlain Sea Grant and State University of New York – Plattsburgh, Aquatic Resource Specialist search committee member. March 2021
- University of Vermont, Lakes and Community Outreach Coordinator search committee co-lead. March 2021
- Natural Resources Results Area Team co-lead, UVM Extension. February 2021 – May 2021
- University of Vermont, College of Agriculture and Life Sciences and UVM Extension, Extension Director search committee member. August 2020 – February 2021

- Lake Champlain Sea Grant, Aquaculture Education Specialist search committee co-lead. August – October 2020
- Lake Champlain Sea Grant and UVM Extension, Watershed Forest Partnership Coordinator search committee lead. December 2019 – February 2020
- University of Vermont, Rubenstein School of Environment and Natural Resources, Business Support Generalist search committee member. November 2019 – February 2020.
- UVM Extension Diversity, Equity and Inclusion Working Group member 2019 – September 2020
- UVM Extension Diversity, Equity and Inclusion cohort learning sub-committee. 2019 – 2020
- Lake Champlain Sea Grant and UVM Extension, Watershed Forest Partnership Coordinator search committee lead. July – November 2019 (Failed search)
- Lake Champlain Sea Grant and UVM Extension, Watershed and Lake Education Program Assistant search committee member. 2019
- Lake Champlain Sea Grant and State University of New York – Plattsburgh, Watershed Education Assistant search committee member. 2018 – 2019
- University of Vermont Sustainability Curriculum Review Committee. Fall 2016 – Spring 2019
- University of Vermont Faculty Senate, substitute Extension faculty representative. 2018 - 2021
- International Joint Commission, Lake Champlain Richelieu River Flood Study US Outreach Manager hiring committee member. 2018
- Lake Champlain Sea Grant, and Vermont Department of Environmental Conservation, Green Infrastructure Collaborative Outreach Professional search committee lead. 2017 – 2018
- Rubenstein Ecosystems Science Laboratory strategic planning committee. 2017
- Lake Champlain Sea Grant and UVM Extension, Watershed and Lake Education Coordinator search committee lead. 2017
- Watershed Alliance strategic planning committee. 2017
- Lake Champlain Sea Grant and UVM Extension, Program Assistant search committee lead. 2016
- Lake Champlain Sea Grant and UVM Extension, Program Assistant search committee co-lead. 2015
- University of Wisconsin System Women & Science Advisory Board. 2003 – 2008

Professional Service

- Friends of Northern Lake Champlain, Lake Champlain Sea Grant Partnered Fellow position search committee member. 2026
- CS4Water Conference abstract reviewer. 2024
- National Monitoring Conference abstract reviewer. 2024
- NY Governor Appointed Member, Adirondack Road Salt Reduction Task Force. 2021 – 2023
- Secretary and Treasurer, National Sea Grant Extension Assembly. 2020 – 2022
- Lake George Association, Council of Science Advisors. 2020 – 2025
- Citizen Science Association, communications working group member. 2019 – 2021
- *Citizen Science, Theory and Practice* journal, section editor for water-focused papers. 2018 – present
- North American Lake Management Society, Symposium local planning committee. 2018 – 2019
- ADK Action, Road Salt Working Group member. 2017 – 2018
- Citizen Science Association, strategic planning committee member. 2018
- Citizen Science Association, conference abstract reviewer. 2016 and 2018
- Northeast Sea Grant Network, Awards Committee Chair. 2017 – 2018
- Lake Champlain Basin Program, Education and Outreach Committee member. 2016 – present
- Watersheds United Vermont, Board of Directors. 2016 – 2022; 2025 – present
- Citizen Science Association, Board of Directors Secretary 2014–16; Vice Chair 2016–17; Chair 2017– 2018
- Great Lakes Sea Grant Network Extension Leaders, Chair. 2015 – 2017
- National Water Quality Monitoring Council, Communications and Outreach Team member. 2015 – 2017
- National Water Quality Monitoring Council, Volunteer Monitoring Working Group (formerly *Volunteer Monitor* Editorial Board). 2011 – 2024
- Wisconsin's Citizen-based Monitoring Advisory Council. 2004 – 2015

Reviewing Activity

Journals:

Australian Journal of Environmental Management; BioScience; Biological Conservation; Citizen Science: Theory and Practice; Journal of Science Communication; Environmental Monitoring and Assessment; Ecology and Society; Freshwater Science; Journal of the American Water Resources Association; Environmental Management; Human Dimensions of Wildlife; PeerJ; PLOS One; Sustainability Science; Sustainability; Journal of Public Health; Frontiers of Ecology and the Environment, Integrated Environmental Assessment and Management, Science Education, People and Nature, Frontiers in Ecology and the Environment, Hydrology Research, Ecology and Diversity, Journal of Watershed Ecology

Awards: Two Sea Grant Regional Networks (2020)

Book: *The Light in the Lake*, published by Little, Brown Books for Young Readers (2018)

Book chapter:

Citizen Engagement in Local Environmental Issues: Intersecting Modes of Communication, in Citizen Engagement and Public Participation in the Era of New Media, IGI Global (2016)

Conference abstracts:

National Monitoring Conference (2024); CS4Water (2024); Citizen Science Association

Grant reviews:

National Science Foundation (2018); Lake Champlain Basin Program (2016 – 2020; 2025); Illinois/Indiana Sea Grant (2018); Wisconsin Sea Grant (2017); Guam Sea Grant (2017); University of Vermont Water Center (2017); Iowa Water Center (2016); Watersheds United Vermont (2019, 2020, 2021, 2024, 2025); California Sea Grant (2021); New Jersey Sea Grant (2021); NOAA (2023); Chesapeake Bay Trust (2024), Canadian Standard's Association (2026)

Grant advisor:

SciStarter 2.0: A Dashboard to Drive Research, Participation, and Community-building in Citizen Science. National Science Foundation. Advancing Informal STEM Learning Grant. (2015 – 2017)

Learning to See, Seeing to Learn: A Sociotechnical System Supporting Taxonomic Identification Activities in Volunteer-Based Water Quality Biomonitoring. National Science Foundation. Advancing Informal STEM Learning Grant. (2016 – 2018)

Guidance documents:

Essential Study Design, National Volunteer Monitoring and Citizen Science Training Support Hub Water Data Collaborative (2019); *Plastic Beach Protocol*, 5 Gyres Institute (2018); *Handbook for Citizen Science Quality Assurance and Documentation*, US Environmental Protection Agency (2018); *Winooski Basin Tactical Basin Plan*, Vermont Department of Environmental Services (2018)

External promotion reviews:

Michigan State University (2023); University of Connecticut (2022); University of Florida (2022 and 2023); University of Hawaii (2018, 2021, 2024); Michigan State University (2018, 2023)

Programmatic review:

ALLARM, Dickinson College (2019)

Master's thesis / PhD dissertation external reviewer:

IHE Delft Institute for Water Education (2023); Massey University (2024)

Mentoring

Graduate Student Advisor (*Denotes that I wrote award nomination letter of support)

M.S. Benjamin Applegate, Advisor (Spring 2025 – Spring 2026); degree granted Spring 2026

M.S. Sabrina Koetter, co-Advisor (Summer 2024 – present); successfully defended August 2026

M.S. Samantha Grant, Advisor (Spring 2024 – Summer 2025); degree granted Summer 2025

- Named as UVM's Outstanding Master's Thesis of the Year Award winner April 2026*

M.S. Alison Spasyk, Advisor (Summer 2023 – Fall 2025); degree granted Fall 2025

M.S. Tess O'Brien, Advisor (Spring 2023 – Fall 2024); withdrew Fall 2024

M.S. Marisa Immordino, Advisor (Fall 2022 – Fall 2024); degree granted Fall 2024

M.S. Kate Longfield, Advisor (Fall 2021 – Fall 2023); degree granted Fall 2023

M.S. Stever Bartlett, Advisor (Summer 2020 – Summer 2023); degree granted Summer 2023

PhD. Kristin Raub, co-Advisor (Fall 2018 – Spring 2021); degree granted Spring 2021

M.S. Rachel Pierson, Advisor (Fall 2018 – Fall 2020); degree granted Fall 2020

M.S. Jason Scott, Advisor (Fall 2018 – Spring 2020); degree granted Spring 2020

M.S. Holden Sparacino, Advisor (Spring 2017 – Fall 2018); degree granted Fall 2018

Graduate Student Committee Member

PhD. Nurjahan Begum, UVM (Fall 2026 substitute committee member)

PhD. Eden Rozing, University of Illinois at Urbana-Champaign (Spring 2026 – present)

M.S. Savia Berlucchi, UVM (Fall 2024 – present)

M.S. Maya Dizack, Johns Hopkins University (Spring 2023 – Spring 2024); degree completed Spring 2024

M.S. Saurav Lamichhane, UVM (Fall 2023 – Fall 2024); degree completed Fall 2024

M.S. Jessi James, Mississippi State University (Spring 2021 – Fall 2024); degree completed Fall 2024

M.S. Liam Bean, Montana State University (Fall 2020 – Fall 2022); degree completed Fall 2022

M.S. Amanda Sartain, Mississippi State University (Summer 2019 – Spring 2020); withdrew Spring 2020

M.S. Carolyn Loeb, UVM (Spring 2018 – Spring 2019); degree completed Spring 2019

M.P.S. Sustainable Leadership Program, UVM (2017 – 2023)

M.S. Chelsea Clarke, UVM (Spring 2017 – Spring 2018); degree completed Spring 2018

M.S. Anya Tyson, UVM (Spring 2016 – Spring 2017); degree completed Spring 2017

M.S. Gabriel Andrews, UVM (Spring 2016 – Spring 2017); degree completed Spring 2017

Undergraduate Honors Thesis Advisor

B.S. Henry Motes, UVM (Summer 2025 – Spring 2026); degree completed Spring 2026

B.S. Cecelia Egler, UVM (Fall 2021 – Fall 2022); degree completed Fall 2022

B.S. Sarah Clauss, UVM (Spring 2021 – Spring 2022); degree completed Spring 2022

B.S. Maddie San Angelo, UVM (Fall 2019 – Spring 2021); degree completed Spring 2021

Independent Study Advisor

B.S. Noelle Hasan, UVM (Spring 2025)

B.S. Colin Brown, UVM (Fall 2019 – Spring 2020)

B.S. Victoria Nash, UVM (Spring 2019)

B.S. Kathleen Lewis, UVM (Spring 2019)

B.S. Ben Galligan, UVM (Fall 2018)

B.S. Preston Richardson, UVM (Fall 2018)

M.S. Elizabeth Lee, SUNY-Plattsburgh (Fall 2017)

Fellowship Advisor

B.S. Henry Motes, UVM (Summer 2025)

B.S. Adeeta Singh, UVM (Summer 2024 – Spring 2025)

B.S. Nora Beer, Bennington College, UVM Agroecology Extension Fellow (Summer 2024)

B.S. Anna Hoppe, UVM, UVM Agroecology Extension Fellow (Summer 2024)

B.S. Grace Fang, Wellesley College, UVM Agroecology Extension Fellow (Summer 2022)

B.S. Cecelia Egler, UVM (Summer 2022)

B.S. Sarah Clauss, UVM (Summer 2021)

B.S. Maya Dizack, UVM (Summer 2019 – grant awarded spring 2018)

B.S. Lily Myers, UVM (Summer 2017)

Summer Enrichment Scholars Program Supervisor

B.S. Melody Baquerizo (Summer 2022)

B.S. Wubet Jean-Baptiste (Summer 2022)

B.S. Jasmine Perez (Summer 2022)

B.S. Gabriel Frigone (Summer 2019)

B.S. Miles McCallum (Summer 2019)

B.S. Margaret Polifrone (Summer 2019)

Sea Grant Scholars' Mentor

B.S. Soraya Hammer, Paige Kline, Lex Singh, Senique Wilson (2026-2027)

B.S. Noelle Hasan, Jasmine Perez, Maeve Schanou, Mikayla Schroeder (2024-2025)

B.S. Adrianna Cartier, Laila-Mari Leo, Leo Rabinovich, Adeeta Singh, Grace Wang (2023-2024)

B.S. Nidhi Konnanur, Jenna Abbey-Lowell, Chiamaka Ozigbo, Graecia Pacheco (2022-2023)

B.S. Maxine Asmussen, James See Yoon Cairn, Paige Carpenter, Mariah Choiniere, Ishan Maratha, Margaret Polifrone, Jolie Scott, Olivia Szumski (2021-2022)

Staff Supervisor

<u>Full-time Employees (*Denotes award nomination I wrote or co-wrote):</u>

Alison Spasyk, Flood Resilience Educator (2025 – present)

Shawn White, PhD, Watershed Forestry Partnership Coordinator (2023 – present)

- Winner (with Engaging Real Estate Professionals in Conservation Topics courses series team) of the Northeast Superior Outreach Programming Award 2026*

Michelle Lockhart, Land Use and Water Quality Educator (2023 – present)

- Winner (with the BLUE BTV team) of the Green Mountain Water Environment Association Service Excellence Award 2025*
- Winner (with Engaging Real Estate Professionals in Conservation Topics courses series team) of the Northeast Superior Outreach Programming Award 2026*

Sarah Noyes, Flood Resilience Educator (2023 – 2024)

Caroline McKelvey, Watershed Partnership Coordinator (2021 – present)

Jill Sarazen, Green Infrastructure Collaborative Coordinator (2021 – present)

- Winner (with the BLUE BTV team) of the Green Mountain Water Environment Association Service Excellence Award 2025*

Mark Mitchell, Lakes Monitoring and Community Outreach Coordinator (2021 – present)

Aude Lochet, PhD, Aquatic Resources Specialist, SUNY-Plattsburgh (2021 – present)

Alison Adams, Extension Forestry Coordinator, Watershed Forestry Partnership (2020 – 2022)

Marc Companion, Green Infrastructure Collaborative Outreach Professional (2018 – 2021)

Ashley Eaton, EdD, Watershed and Lake Education Coordinator (2017 – present), interim Watershed Alliance Coordinator (2016 – 2017), Program Assistant (2015 – 2016)

- Winner of the Association of Northeast Extension Directors' (NEED) Exceptional Local Educator Award 2025*

Mark Malchoff, Aquatic Resources Specialist, SUNY-Plattsburgh (2015 – 2020 upon retirement)

Amelia Tarren, Program Assistant (2016 – 2019)

Rebecca Tharp, Green Infrastructure Collaborative Manager (2015 – 2017)

Erin DeVries, Watershed Alliance Coordinator (2015 – 2016)

Part-time Project Employees:

John Brawley, PhD, Aquaculture Education Specialist (2023 – 2024); moved to faculty position fall 2024

Grace Fang, Cyanobacteria Project Assistant (2022 – 2023)

Suzy Hodgson, Stormwater Outreach Specialist (2021)

Theodore Willis, PhD, Aquaculture Education Specialist (2020 – 2022)

Juliana Dixon, Stormwater Outreach Specialist (2020 – 2021)

Linda Patterson, Land and Water Quality Education Specialist (2015 – 2023 upon retirement)

Sarah Coleman, PhD (2018)

Lina Longtoe Schulmeisters (2018)

Kerry Crowningshield (2016 – 2017)

David Nolan (2016 – 2017)

Postdoctoral Students:

Paliza Shretha, Sea Grant Scholars Coordinator (2021-2022)

ECO AmeriCorps Member:

Hannah Yates (2017 – 2018)

Undergraduate Research Assistants:

Nate McPeak, Marine Debris Community Action Coalition (Summer 2026 – present)

Mary Cabell, Marine Debris Community Action Coalition (Fall 2025 – present)

Noah Anderson, Marine Debris Community Action Coalition (Fall 2025)

Molly Moening, Marine Debris Community Action Coalition (Summer 2025)

Erika Tally, Marine Debris Community Action Coalition (Summer 2025)

Julia Szymanski, Raise the Blade (Summer 2019 – Fall 2019)

James Sleigh, Lake Champlain Recreational Boater Survey (Summer 2019)

Katherine Helmer, Lake Champlain Recreational Boater Survey (Summer 2018 – Fall 2018)

Ian Walls, Raise the Blade (Summer 2018)

Rory Malone, Raise the Blade (Fall 2017 – Fall 2018)

Student Employees:

Cayden Marrow (Fall 2025 – present)

Heidi Wrede (Fall 2025 – Spring 2026)

Henry Motes (Fall 2025)

Noelle Hasan (Fall 2023 – Spring 2026) – Named UVM student employee of the year April 2026*

Erin O'Mara (Fall 2020 – Spring 2023)

Christian Boisvert (Fall 2019 – Spring 2020)

Kristen Livingstone (Fall 2017 – Spring 2021)

Sergei Bluman (Fall 2017)

Caitlyn Bain (Fall 2017 – Spring 2019)

Brian Flynn (Fall 2017 – Spring 2018)

Chaz Rorick (Fall 2017 – Fall 2018)

Quinn Ledak (Fall 2016 – Fall 2018)

Professional Development Trainings

1. Trailer Towing Safety. June 2026. Online
2. Fire Extinguisher Training. May 2025. Stowe, VT and Online
3. Brightspace Quick Start. April 2024. Online
4. Climate Communications. October – November 2023. Online
5. Community-based Social Marketing. June 2022. Online
6. Water Words That Work. March 2022. Online
7. Implicit Bias Awareness. February 2021. Online
8. UVM Extension Diversity, Equity and Inclusion Co-learning Cohort. May 2020 – December 2020. UVM Extension. Online
9. The Effects of Police Brutality and Racism on Black Students & Professionals in Education. June 2020. Minnesota State University – Mankato. Online
10. Online Teaching Boot Camp. June 2020. UVM Continuing and Distance Education. Online
11. Spill Prevention for Marina Staff. April 2019. Boat US. Online

12. Relationship-Building and Influence: Tips for Getting Sponsors to Support Your Science. March 2019. Alda-Kavli Learning Center. Online
13. Best Practices in Science Communication. March 2019. Citizen Science Association Conference. Raleigh, NC.
14. Laboratory Safety Training Refresher. January 2019. University of Vermont. Online
15. Human Subjects Refresher Training. July 2018. CITI. Online
16. Cheating and Plagiarism in Higher Education: Practical Guidance for How to Respond Lawfully Webinar. May 2018. Online
17. Conflict Resolution, Part 2: Practice Makes Perfect. April 2018. University of Vermont. Burlington, VT
18. Leadership Training for Managers. March 12 to 14, 2018. Dale Carnegie Institute. San Francisco, CA
19. Small Changes, Big Impact: Small Teaching Changes that Build Analysis and Reflection. February 2018. University of Vermont. Burlington, VT
20. Implicit Bias. National Sea Grant Diversity, Equity and Inclusion Community of Practice. December 2017. Online
21. Building Conflict Resolution Skills. December 2017. University of Vermont. Burlington, VT
22. Faculty to Faculty Teaching Consultation. December 2017. University of Vermont. Burlington, VT
23. Ice Safety Training. December 2017. CVU High School. Hinesburg, VT
24. Emergency Response for Laboratory Workers. December 2017. Online
25. UVM Communicates, Alan Alda Science Communications Workshop. October 2017. Burlington, VT
26. Sea Grant Academy Week 2. October 2017. Astoria, OR.
27. Best Hiring Practices and Affirmative Action. July 2017. University of Vermont. Burlington, VT
28. Sea Grant Academy Week 1. March 2017. Baltimore, MD
29. Generational Differences. November 2017. ECO AmeriCorps Professional Development Training. Montpelier, VT.
30. Blackboard Assessment Tools. January 2017. University of Vermont. Burlington, VT
31. Blackboard: Communication Tools. January 2017. University of Vermont. Burlington, VT
32. Blackboard: Understanding and Building Your Course. January 2017. University of Vermont. Burlington, VT
33. Rubenstein School's Student-led Diversity Teach. November 2016.
34. ABCs of Bb: A Hands-on Blackboard Workshop. August 2016. University of Vermont. Burlington, VT
35. Work Study Supervisor Responsibilities. August 2016. University of Vermont. Burlington, VT
36. Vermont Boating Safety Course: BoatUS Foundation. July 2016. Apple Island Marina, South Hero, VT
37. Effective Performance Reviews. March 2016. University of Vermont. Burlington, VT
38. Overall Best Practices for Writing Your Proposal. Grant Writing Brown Bag Discussion. February 2016. University of Vermont. Burlington, VT
39. NR 207, Power, Privilege and the Environment. Fall 2015. University of Vermont. Burlington, VT

Professional Memberships

- European Citizen Science Association, 2022 – present
- American Water Resources Association, October 2021 – 2022
- Association for Advancing Participatory Sciences (AAPS; formerly Citizen Science Association), 2014 – present
- North American Lake Management Society, 2012 – 2014; 2019 – present