

CHRISTINE M. VATOVEC

Research Affiliate & Lecturer - Rubenstein School of Environment and Natural Resources
Adjunct Research Assistant Professor - University of Vermont College of Medicine
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EDUCATION

- 2010 **University of Wisconsin**, Madison, WI
Ph.D., Environment & Resources
- 2002 **University of Minnesota**, Twin Cities, MN
M.S., Conservation Biology
- 1998 **Cornell University**, Ithaca, NY
B.S., Natural Resources, with honors

RESEARCH AND PROFESSIONAL EXPERIENCE

- 2017-present Research Affiliate & Lecturer - Rubenstein School of Environment and Natural Resources
Adjunct Research Assistant Professor – University of Vermont College of Medicine
Burlington, VT
- 2013-2017 Research Assistant Professor
University of Vermont, Rubenstein School of Environment and Natural Resources & College of
Medicine, Burlington, VT
- 2011-2013 Postdoctoral Research Associate
University of Vermont, College of Medicine, Burlington, VT
- 2010 Sustainability Initiative Task Force Coordinator & Health Working Group Team Leader
University of Wisconsin-Madison
- 2008-2009 Project Assistant
School of Nursing, University of Wisconsin-Madison
Is seeing believing? Examining risk beliefs generated from environmental health hazard maps
- 2007-2008 Project Assistant
Department of Population Health Sciences, University of Wisconsin-Madison
Assessment of cancer care and satisfaction
- 2007 Consultant
Department of Community and Environmental Sociology, University of Wisconsin-Madison
An Invitation to Environmental Sociology 3rd edition
- 2006 Research Assistant
Department of Community and Environmental Sociology, University of Wisconsin-Madison
Ecological and social dynamics of managed grazing
- 2003-2005 Environmental Planner
Metropolitan Washington Council of Governments, Washington, DC

- 2000-2002 Research Assistant
Department of Agronomy, University of Minnesota
Agroecological benefits of biodiversity
- 1999-2000 Field Research Assistantships
- Northern Prairie Wildlife Research Center, Jamestown, ND
 - Minnesota Department of Natural Resources, Grand Rapids, MN
 - Department of Environmental Science, University of Washington, Seattle, WA
 - Department of Wildland Resources, Utah State University, Logan, UT
 - SUNY Oneonta Biological Field Station, Cooperstown, NY
- 1997-1998 Honors Program Research Intern
Biological Field Station, Cornell University
*The effects of macrophyte density and diversity on pumpkinseed (*Lepomis gibbosus*) growth in eight central New York lakes*

HONORS AND AWARDS

- 2017 Gund Institute for Environment Research Slam Award: Most Memorable Line
- 2015 Bread Loaf Orion Environmental Writer's Conference
- 2014-present Gund Institute for Ecological Economics Fellow
- 2014 Service-Learning Faculty Fellowship, University of Vermont
- 2011 Sustainability Faculty Fellowship, University of Vermont
- 2009 Best Poster Award: Risk Communication, Society for Risk Analysis Annual Conference, Baltimore, MD
- 2009 Best Poster Award: Innovation, School of Medicine and Public Health Annual Poster Session, University of Wisconsin-Madison
- 2008 Vilas Graduate Student Travel Award, University of Wisconsin-Madison
- 2008 Nelson Institute for Environmental Studies Student Travel Award, University of Wisconsin-Madison
- 2008 Center for Culture, History, and Environment Graduate Student Travel Award, University of Wisconsin-Madison
- 2007 Teaching Academy Future Faculty Partner Inductee, University of Wisconsin-Madison
- 2006 National Science Foundation Graduate Fellowship Competition Honorable Mention
- 2005-2006 Gaylord Nelson Distinguished Graduate Fellowship, University of Wisconsin-Madison
- 2005-2006 Thayer Family Environmental Scholarship (University of Wisconsin-Madison)
- 2000-2002 Thayer Family Environmental Scholarship (University of Minnesota)
- 1994-1998 Clark Scholarship (Cornell University)
- 1994-1998 Thayer Family Environmental Scholarship (Cornell University)

PROFESSIONAL SOCIETIES & AFFILIATIONS

American Public Health Association
Association for Environmental Studies and Sciences
Gund Institute for Environment
International Association for Ecology and Health
Social Science Environmental Health Research Institute
University of Vermont Institute for Health and Healing
University of Vermont Cancer Center

PROFESSIONAL & PRACTICAL CERTIFICATES

Permaculture Design Certification

Yoga Alliance Certified Instructor (200 hour)

Red Cross First Aid/CPR Certified

PUBLICATIONS

* denotes graduate student co-author

** denotes undergraduate student co-author

Published Peer-Reviewed Journal Articles & Book Chapters

1. Vatovec, Christine, Corey Evans*, Emily Van Wagoner**. 2017. Investigating sources of pharmaceutical pollution: Survey of over-the-counter and prescription medication purchasing, use, and disposal practices among university students. *Journal of Environmental Management* (198): 348-352. <https://doi.org/10.1016/j.jenvman.2017.04.101>
2. Vatovec, Christine, Patrick Phillips, Emily Van Wagoner**, Tia-Marie Scott, and Edward Furlong. 2016. Investigating dynamic sources of pharmaceuticals: Demographic and seasonal use are more important than down-the-drain disposal in wastewater effluent in a University City setting. *Science of The Total Environment* (572) 906-914. <https://doi-org.ezproxy.uvm.edu/10.1016/j.scitotenv.2016.07.199>
3. Vatovec, Christine. 2016. Making Biodiversity Stewardship Tangible using a Place-based Approach. In: Byrne L (ed) *Learner-centered Teaching Activities for Environmental and Sustainability Studies*. Springer.
4. Berkman, Amy, Amy Trentham-Dietz, Kim Dittus, Vicki Hart, Christine Vatovec, Ted A. James, Susan G. Lakoski, Brian L. Sprague. 2015. Health Behavior Change Following a DCIS Diagnosis: An Opportune Teachable Moment to Improve Outcomes. *Preventive Medicine* S0091-7435(15)00098-5. doi: 10.1016 /j.yjpm.2015.03.020
5. Vatovec, Christine, Mujde Erten, Jane Kolodinsky, Phil Brown, Marie Wood, Ted James, Brian L. Sprague. 2014. Ductal carcinoma in situ: a brief review of treatment variation and impacts on patients and society. *Critical Reviews in Eukaryotic Gene Expression* 24(4): 281–286.
6. Vatovec, Christine, Laura Senier, and Michael Bell. 2013. The ecology of dying: commodity chains, governance, and the medicalization of end-of-life care. Gislason (ed.) *Advances in Medical Sociology: Ecological Health: Society, Ecology and Health* 15: 195-215.
7. Vatovec, Christine, Laura Senier, and Michael Bell. 2013. An ecological perspective on medical care: environmental, occupational, and public health impacts of medical supply and pharmaceutical chains. *EcoHealth* 10(3):257-267. DOI: 10.1007/s10393-013-0855-1
8. Severtson, Lori and Christine Vatovec. 2012. The Theory-based Influence of Map Features on Risk Beliefs: Self-reports of What is Seen and Understood for Maps Depicting an Environmental Health Hazard. *Journal of Health Communication* 17(7): 836-856.
9. Bell, Michael, Sarah Lloyd, and Christine Vatovec. 2010. Activating the countryside: Rural power, the power of the rural, and the making of rural politics. *Sociologia Ruralis* 50(3): 205-224.
10. Vatovec, Christine and Teri Balser. 2009. Podcasts as tools in introductory environmental studies. *Journal of Microbiology and Biology Education* 10:19-24.
11. Jordan, Nick, Christine Vatovec, and Sheri Huerd. 2005. Responsiveness of certain agronomic weed species to arbuscular mycorrhizal fungi. *Renewable Agriculture and Food Systems* 20(3): 181-189.
12. Jordan, Nick and Christine Vatovec. 2004. Agroecological benefits from weeds. In: *Weed Ecology and Management*, Inderjit (ed.), Kluwer Academic Publishers.

Other Publications

1. Bell, Michael and Christine Vatovec. 2009. *Instructor's Manual: An Invitation to Environmental Sociology*, 3rd edition. Thousand Oaks, CA: Pine Forge Press.

2. Vatovec, Christine. 2009. The School Food Revolution: Public Food and the Challenge of Sustainable Development (Book Review). *International Journal of Agricultural Sustainability* 7(4): 1-2.

Technical Reports

1. Lu, Huijie and Christine Vatovec. 2017. Preventing the Spread of Antibiotic Resistance in Lake Champlain and Urban Water Systems. Lake Champlain Basin Program Final Report.
2. Sustainability Task Force (Christine Vatovec, coordinator). 2010. *UW-Madison Sustainability Initiative Task Force Final Report*. University of Wisconsin-Madison.
3. Vatovec, Christine. 2010. *National Campus Sustainability Rankings and Best Practices*. University of Wisconsin-Madison Sustainability Task Force.
4. Miller, Michelle, Cris Carusi, Christine Vatovec and Jeremy Foltz. 2006. *Organic Agriculture in Wisconsin: 2006 Status Report*. Center for Integrated Agricultural Systems, University of Wisconsin, Madison.
5. Vatovec, Christine, John Galli, and Phong Trieu. 2005. *Anacostia Watershed Demonstration Project: Effectiveness and Potential of Goat (Capra hircus) Grazing in Managing Invasive Plants in Urban Stream Corridors*. Prepared for Maryland Department of Natural Resources, Forest Service. Metropolitan Washington Council of Governments, Washington, D.C.
6. Lecouteur, Brian and Christine Vatovec. 2004. *Technical Memorandum: Anacostia Riparian Buffer Plant Survivability Sites Planted Between 1995 – 2004*. Prepared for Maryland Department of Natural Resources, Forest Service. Metropolitan Washington Council of Governments, Washington, D.C.

RESEARCH FUNDING

- Gell N, Umyarova E, Dittus K, Vatovec C. 2017. BeMobile: A randomized control trial of a novel, technology-based intervention to support physical activity in cancer survivors. University of Vermont American Cancer Society-Institutional Research Grants. Role: Other Significant Contributor. (\$30,000)
- Vatovec C. 2017. Pharm-free Surface Waters: Identifying Barriers and Motivators that Influence Vermonters' Participation in Pharmaceutical Take-Back Programs. Role: PI. USGS 104b (\$17,985)
- Vatovec C. 2016. Investigating the Clinical Sources and Social Governance of Pharmaceutical Pollution. Role: PI. UVM REACH Grant (\$14,490)
- Lu H & Vatovec C. 2015. Preventing the Spread of Antibiotic Resistance in Lake Champlain and Urban Water Systems. Role: co-PI. Lake Champlain Basin Program Pollution Prevention & Habitat Conservation Grants. (\$19,240)
- Vatovec C. 2014. Investigating Pharmaceutical Contaminants in Lake Champlain: Levels, Sources, and Interventions. Role: PI. Lintilhac Foundation (\$5,000).

CONFERENCE PRESENTATIONS

* denotes graduate student co-author

** denotes undergraduate student co-author

1. Vatovec, Christine, Roz Grossman, Kelly Glander**, and Alexandra Millar*. 2017. *The impacts of Mindfulness-Based Stress Reduction on pharmaceutical use among cancer patients*. 2017. UVM Cancer Center Mini Symposium: Interactive Cancer Research Showcase, Burlington, VT.
2. Vatovec, Christine and Patrick Phillips. 2017. Pharmaceuticals in the environment: a multi-disciplinary systems approach to a complex socio-ecological challenge. National Council for Science and the Environment, 17th National Conference and Global Forum on Science, Policy, and the Environment: Integrating Environment and Health, Washington, DC.
3. Munkres, Susan, Wendy Berenback, Christine Vatovec, and Rachael Montesano. 2016. Integrating service-learning into sustainability education. University of Vermont Student Research Symposium.

4. Vatovec, Christine. 2016. Interdisciplinary approaches to environmental challenges: what role for qualitative methods? Association for Environmental Studies and Sciences Annual Meeting, Washington, DC (American University).
5. Vatovec, Christine. 2015. Women's Health and the Environment: opportunities to enhance well-being. Vermont Cancer Center 18th Annual Breast Cancer Conference, Burlington, VT.
6. Jones, Alexi** and Christine Vatovec. 2015. Pharmaceuticals in Burlington, Vermont: usage and disposal practices. University of Vermont Research Experiences for Undergraduates Symposium.
7. Kane, Jessica** and Christine Vatovec. 2015. Acute exposure to treated wastewater alters swim behavior in an ecologically relevant zooplankton (*Daphnia magna*). University of Vermont Research Experiences for Undergraduates Symposium.
8. Vatovec, Christine, Patrick Phillips, Emily Van Wagoner**, Bret Turner**. 2015. Pharmaceutical waste as an environmental contaminant: seeking points of intervention. Association for Environmental Studies and Sciences Annual Meeting, San Diego, California (University of California at San Diego).
9. Vatovec, Christine, Patrick Phillips, and Emily Van Wagoner**. 2015. Pharmaceuticals in Lake Champlain: Investigating Levels, Sources and Points of Intervention. Presentation at the International Association for Great Lakes Research Annual Conference, Burlington, VT.
10. Vatovec, Christine, Robin Dodson, and Jennifer Carrera. 2015. Developing and Evaluating Training Materials for Teaching Social Science-Environmental Health Collaboration: The "Curriculum Project." Presentation at the Social Science Environmental Health Research Conference, Northeastern University, Boston, MA.
11. Vatovec, Christine. 2014. The benefits of nature contact on survivorship. Vermont Cancer Center 17th Annual Breast Cancer Conference, Burlington, VT.
12. Vatovec, Christine. 2014. The Ecology of Dying: Commodity Chains, Governance, and the Medicalization of End-of-Life Care. Panel presentation of the edited volume, *Advances in Medical Sociology: Ecological Health: Society, Ecology and Health* at the Biannual International EcoHealth Forum, Montreal, Canada.
13. Turner, Bret** and Christine Vatovec. 2014. Investigating pharmaceutical contaminants in Lake Champlain: Levels, Sources, and Interventions. University of Vermont Research Experiences for Undergraduates Symposium.
14. Vatovec, Christine. 2014. Do no harm: Trade-offs and tensions between individual and societal level outcomes of pharmaceutical use and disposal. Association for Environmental Studies and Sciences Annual Meeting, New York, NY (Pace University).
15. Vatovec, Christine. 2013. Hazards on the ward: the role of sociology in assessing the environmental health impacts of medical care. Association for Environmental Studies and Sciences Annual Meeting, Pittsburgh, PA (Duquesne University).
16. Vatovec, Christine, Laura Senier, and Michael Bell. 2012. Greening healthcare delivery: Environmental and human health impacts of medical practice. Poster presented at the American Public Health Association Annual Meeting, San Francisco, CA.
17. Vatovec, Christine, Laura Senier, and Michael Bell. 2012. Death and the environment: an ecological perspective of end-of-life medicine. Presentation at the American Sociological Association Annual Meeting, Denver, CO.
18. Christine Vatovec and Michael Bell. 2011. End of life? Applying environmental flows theory to interconnected human and ecological resources. Presentation at the International Symposium on Society and Resource Management, Madison, WI. "*Sustainability*" Session Chair.
19. Severtson, Lori, and Christine Vatovec. 2010. Seeing and Believing: Exploring Public Understanding of Environmental Risk Maps. Poster presented at the UWHC/UW-Madison School of Nursing Research Poster Fair, Madison, WI.
20. Christine Vatovec. 2010. Building a Foundation for an Effective Sustainability Effort at UW-Madison. Poster presented at the Office of Quality Improvement Showcase, University of Wisconsin-Madison.

21. Severtson, Lori, and Christine Vatovec. 2009. Seeing and Believing: Exploring Public Understanding of Environmental Risk Maps. Poster presented at the Society for Risk Analysis Annual Conference, Baltimore, MD. (Award: Best Poster for Risk Communication)
22. Vatovec, Christine. 2009. Environmental and Public Health Implications of U.S. Healthcare. Poster presented at CleanMed, Chicago, IL.
23. Vatovec, Christine. 2009. Environmental and Public Health Implications of U.S. Healthcare. Poster presented at the School of Medicine and Public Health Annual Poster Session, Madison, WI, 2009. (Award: Innovation Poster)
24. Vatovec, Christine. 2008. Environmental and Public Health Implications of U.S. Healthcare. Poster presented at the Biannual International EcoHealth Forum, Merida, Mexico.
25. Vatovec, Christine and Teri Balsler. 2008. Assessing the effectiveness of published podcasts as tools in introductory environmental studies courses. Poster presented at the Annual Meeting of the Ecological Society of America, Milwaukee, WI.
26. Balsler, Teri, Stephanie Gray, and Christine Vatovec. 2008. Does level in school and major-discipline impact student attitude and awareness of environmental issues in a large undergraduate introductory environmental studies class? Poster presented at the Annual Meeting of the Ecological Society of America, Milwaukee, WI.
27. Vatovec, Christine. 2006. Perceptions of death as a link to sustainable consumption? Presentation at the International Sociological Association (RC24) Sustainable Consumption and Society Working Conference for Social Scientists, Madison, WI.
28. Vatovec, Christine, Nick Jordan, and Sheri Huerd. 2001. Arbuscular mycorrhizal fungi as an ecological control method for weeds. Poster presented at the 15th Annual Meeting of the Society for Conservation Biology, Hilo, Hawaii.

CONFERENCE FACILITATION

1. Vatovec, Christine (organizer and facilitator). 2016. Interdisciplinary approaches to environmental challenges: what role for qualitative methods? Association for Environmental Studies and Sciences Annual Meeting, Washington, DC (American University).
2. Vatovec, Christine and Caroline Scruggs (co-organizers and co-facilitators). 2015. Multi-disciplinary approaches to mitigating environmental health challenges. Association for Environmental Studies and Sciences Annual Meeting, San Diego, California (University of California at San Diego).
3. Vatovec, Christine (organizer and facilitator). 2015. Two peas in a pod: brainstorming opportunities to tear down boundaries between the environment and human health. Association for Environmental Studies and Sciences Annual Meeting, San Diego, California (University of California at San Diego).
4. Vatovec, Christine (moderator). 2013. Next steps in global environmental health: needs assessment and shared solutions. American Public Health Association Annual Meeting, Boston, MA.
5. Vatovec, Christine and Greg Howard (co-chairs). 2013. Interdisciplinary challenges in environmental public health – Part 1: The built environment and social science approaches to environmental health. Association for Environmental Studies and Sciences Annual Meeting, Pittsburgh, PA.
6. Vatovec, Christine and Greg Howard (co-chairs). 2013. Interdisciplinary challenges in environmental public health – Part 2: Toxins, environmental exposures and ways to engage community health and policy. Association for Environmental Studies and Sciences Annual Meeting, Pittsburgh, PA.
7. Vatovec, Christine and Robin Dodson (facilitators). 2013. Interdisciplinary resources for social science environmental health research. Association for Environmental Studies and Sciences Annual Meeting, Pittsburgh, PA.

INVITED PRESENTATIONS & SEMINARS

1. *Pancakes with Professionals*. Rubenstein School of Environment and Natural Resources Undergraduate Professional Development Seminar, University of Vermont, 18 April 2017.

2. *Sustainability and Healthcare Systems: the unintended consequences of pharmaceuticals*. Sustainability Faculty Fellows Luncheon, University of Vermont & UVM Medical Center, March 31, 2017.
3. *Examining unintended consequences of medical care: the case of pharmaceuticals in the environment*. Clinical and Translational Science Seminar, University of Vermont, 28 October 2016.
4. *Unintended environmental and public health consequences of pharmaceutical pollution in surface waters*. Rubenstein School of Environment and Natural Resources Faculty Quick Talks, University of Vermont, September 15, 2016.
5. *Nature: a healthcare innovation?* Burlington Healthcare Innovators, Burlington, VT, May 19, 2016.
6. *Pharmaceuticals of Emerging Concern*. Lake Champlain Sea Grant Site Review, Burlington, VT, June 10, 2015.
7. *The benefits of nature contact on cancer survivorship*. Across the Fence, University of Vermont and WCAX, Burlington, VT, October 3, 2014. <https://www.youtube.com/watch?v=1uxBUxANJvU>
8. *Human health and the environment*. Rubenstein School of Environment and Natural Resources Faculty Quick Talks, University of Vermont, September 18, 2014.
9. *Nature and human health*. Park Studies Lab, University of Vermont, March 24, 2014.
10. *Dying green: aligning patient preferences with medical decision-making to decrease the environmental and human health impacts of end-of-life care*. Agrace Hospice, Madison, WI, August 5, 2013.
11. *Greening the practice of (end-of-life) medicine: practice, policy, and decision-making at the point-of-care*. Vermont Cancer Center Grand Rounds, University of Vermont, April 30, 2013.
12. *Greening healthcare through practice, policy, and decision-making at the point-of-care*. Social Science Environmental Health Research Institute Seminar, Northeastern University, March 18, 2013.
13. *Environmental and human health impacts of end-of-life cancer medicine*. Environmental Pathology and Carcinogenesis Seminar Series, University of Vermont, April 16, 2012.
14. *Examining governance factors that determine the ecological and human health impacts of end-of-life medicine*. Gund Institute for Ecological Economics, University of Vermont, October 14, 2011.
15. *Dying green: the ecological and public health impacts of end-of-life medicine*. Contested Illnesses Research Group, Brown University, May 11, 2011.
16. *An Introduction to UW Health's Green STEPS: Simple Things, Eco-Positive Solutions*. Nelson Institute for Environmental Studies and UW Health Earth Day Symposium, Madison, WI, April 22, 2010.
17. *Graduate Panel on Research-Related Community Engagement* (with K. Gibbons, A. Neely, and H. Swan). Center for Culture, History and Environment's Environmental History Colloquium, University of Wisconsin-Madison, March 17, 2010.
18. *Student Research Symposium*. Nelson Institute Environment on Tap Series, University of Wisconsin-Madison, February 5, 2010.
19. *Active learning techniques to engage the large classroom* (with D. Wixon). UW-Madison Teaching Academy's Summer Institute, June 7, 2009.
20. *Teaching as Research*. UW-Madison Teaching Academy's Summer Institute Panel Discussion, June 6, 2009.
21. *Do No Harm: An Ethnographic Approach to the Environmental and Public Health Impacts of Healthcare*. UW-Madison Center for Culture, History, and Environment Student Research Symposium. April 4, 2009.
22. *Delta Internship Experiences: Using Teaching as Research Methods to Evaluate Student Learning* (with T. Balsler). University of Wisconsin-Madison Delta Program in Research, Teaching, and Learning Roundtable Dinner, February 16, 2009.

TEACHING EXPERIENCE

Instructor

- Fall 2013 - present ENVS/NR 107: Human Health & the Environment (60 students), UVM (Sustainability General Education 2016; Service-Learning 2016 with Vermont Community Garden Network Day in the Dirt)
- Spring 2014 Environmental Studies 188: Sustainability Science (Participating instructor), UVM
- Spring 2013 Environmental Studies 295: Ecology, Health & Well-being (20 students), UVM

Fall 2009	Environmental Studies 113: Environmental Studies the Humanistic Perspective (240 students, 4 Teaching Assistants), University of Wisconsin-Madison
Spring 2009	Community and Environmental Sociology 248: Environment, Natural Resources, and Society (37 students), University of Wisconsin-Madison
Spring 2004	Science, Technology, and International Affairs 102: Introduction to Environmental Science (Laboratory section, 30 students), Georgetown University

Teaching Assistant

Spring 2008	Environmental Studies 101: Forum on the Environment (150 students), University of Wisconsin-Madison
Fall 2007	Environmental Studies 113: Environmental Studies the Humanistic Perspective (56 students, 3 discussion sections), University of Wisconsin-Madison
Spring 2007	Environmental Studies 101: Forum on the Environment (250 students; optional discussion section of 32 students), University of Wisconsin-Madison
Fall 2006	Environmental Studies 113: Environmental Studies the Humanistic Perspective (70 students, 4 discussion sections), University of Wisconsin-Madison
Summer 2006	Zoology 102: Animal Biology Laboratory (17 students), University of Wisconsin-Madison
Spring 2003	Science, Technology, and International Affairs 102: Introduction to Environmental Science (Laboratory section, 25 students), Georgetown University
1997-1998	Teaching Assistant, Natural Resources: Wildlife Ecology (6 students)

Guest Lectures

- *Human health and the environment: links to natural resources* (NR 1/ 2), University of Vermont, Spring 2017.
- *Purchasing, use, and disposal of pharmaceuticals: what do they mean for Lake Champlain?* Applied Research Methods (CDAE 351), University of Vermont, Fall 2016.
- *Pharmaceuticals in Lake Champlain: Levels, Sources, and Points of Intervention* (NR 385: Applied Ecology, Environment & Society), University of Vermont, Fall 2015.
- *The natural world: dependence, risks, and benefits* (Public Health 395: Environmental Public Health II), University of Vermont online Masters of Public Health, Spring 2015.
- *Human health and the environment*. Introduction to Environmental Studies (ENVS 001), University of Vermont, 26 September 2014.
- *Perceptions of Environmental Health Hazards*. The Costs of Climate Change and the Pursuit of Well-being (ENVS 401), Middlebury College, 18 September 2014.
- *Urban Forests for Human Health and Wellness* (Urban Forest Connections Webinar discussion; with Kit Anderson). Community-based Natural Resource Management (NR 285), University of Vermont, 10 September 2014.
- *Balancing positive and negative health exposures: the benefits of nature contact* (Public Health 395: Environmental Public Health II), University of Vermont online Masters of Public Health, Summer 2014.
- *Social metrics and indicators of sustainability: happiness*. Sustainability Science (ENVS 188), University of Vermont, Spring 2014.
- *Life Cycle Analysis from Social and Ethical Perspectives*. Sustainability Science (ENVS 188), University of Vermont, Spring 2014.
- *Human health benefits of biodiversity*. Sustainability Science (ENVS 188), University of Vermont, Spring 2014.
- *Environmental impacts on human health*. Introduction to Environmental Studies (ENVS 001), University of Vermont, Fall 2013.
- *Breast cancer and the environment*. Women, Health, Environment (Environmental Studies 195), University of Vermont, Fall 2012.

- *Environmental effects of end-of-life medicine*. Environment and Health Honors Seminar, University of Vermont, Spring 2011.
- *Credibility of Media Sources: Tools for Evaluating Everyday Exposures to Environmental News*. Environmental Studies 101: Forum on the Environment, University of Wisconsin-Madison, Spring 2009.
- *Credibility of Media Sources: Tools for Evaluating Everyday Exposures to Environmental News*. Environmental Studies 101: Forum on the Environment, University of Wisconsin-Madison, Spring 2008.
- *Environmental Health*. Environmental Studies 101: Forum on the Environment, University of Wisconsin-Madison, Spring 2007.

Pedagogical Training & Awards

- 2016 UVM Community-University Partnerships Davis Grant faculty partner, Service-Learning in the Sustainability General Education Classroom, University of Vermont
- 2014 Service-Learning Faculty Fellowship, University of Vermont
- 2011 Sustainability Faculty Fellowship, University of Vermont
- 2009 Teaching Academy Summer Institute, University of Wisconsin, Madison, WI
- 2008 Teaching and Learning Symposium, University of Wisconsin, Madison, WI
- 2008 Teaching Academy Winter Retreat, University of Wisconsin, Madison, WI
- 2008 Certificate in Teaching and Learning, Delta Program in Research, Teaching, and Learning, University of Wisconsin, Madison, WI
- 2007 Expeditions in Learning, Delta Program in Research, Teaching, and Learning, University of Wisconsin, Madison, WI
- 2007 Intern, Delta Program in Research, Teaching, and Learning, University of Wisconsin, Madison, WI

STUDENT MENTORING & ADVISING

Graduate Students

Advising

- 2015 – present Christine Hart, M.S. Student, RSENR, University of Vermont (Advisor)
- 2014 – 2017 Alexandra Millar, M.S., RSENR, University of Vermont (co-advisor with Adrian Ivakhiv)

Committees

- 2015 Quincy Campbell, M.S. Candidate, College of Nursing and Health Sciences, University of Vermont (Committee Chair). Thesis topic: Relationship between climate and asthma exacerbation in the Northeast Kingdom of Vermont.
- 2014 – 2015 Lindsey Gauderer, M.S. Completed 2015, College of Nursing and Health Sciences, University of Vermont (Committee Chair). Thesis topic: Prescribing nature to children using Vermont State Park Passes.

Undergraduate Research Advising

- 2017 Rachel Snider, B.S. Candidate in Exercise and Movement Science, University of Vermont College of Nursing and Health Sciences. Research topic: Effect of environment on physical activity among a sedentary population.
- 2016-2017 Ariana Ferrara, B.S. Biological Sciences, University of Vermont
- 2014-2016 Emily Van Wagoner, B.S. Environmental Studies, University of Vermont
Research topic: Pharmaceutical disposal practices among undergraduate students
- 2015 Jessica Kane, B.S., University of New England; Summer University of Vermont
Research Experiences for Undergraduates Research Assistant, Research topic:
Pharmaceutical effects on freshwater zooplankton *Daphnia magna*

- 2015 Alexi Jones, B.S., Wesleyan University; Summer University of Vermont Research Experiences for Undergraduates Research Assistant, Research topic: Pharmaceutical purchasing, use, and disposal practices among Burlington, Vermont residents
- 2014-2015 Elizabeth Hoey, B.S., Environmental Studies, University of Vermont
Thesis topic: Environmental health exposures among firefighters
- 2014-2015 Rose Leshner, B.S., 2015, Environmental Studies, University of Vermont
Thesis topic: Environmental toxins and women's health
- 2014 Bret Turner, B.S., 2015, Pennsylvania State University; Research topic: Pharmaceuticals in Lake Champlain: Levels, Sources & Impacts
- 2013 – 2014 Colleen Whitcomb, B.S., 2014, Environmental Studies, University of Vermont. Thesis topic: History of the Vermont Cancer Center Healing Garden
- 2013 – 2014 Celia Kosinski, B.S., 2014, Environmental Studies, University of Vermont.
Thesis topic: Social outcomes of Lyme disease

SERVICE TO THE PROFESSION

Committee Service

- 2017 Climate & Health Strategy Team, Vermont Department of Health
- 2014-2016 Prescription Drug Abuse Workgroup, Vermont Department of Health
- 2014-2016 Pharmaceuticals and Personal Care Products Workgroup, Agency for Natural Resources, Department of Environmental Conservation, Vermont

Editorial Service

- Advances in Medical Sociology
Elsevier (book review, 2015)
Environmental Management
Environmental Sociology
Journal of the Air & Waste Management Association
Science of the Total Environment
Springer (book chapter review, 2015)

Grant Review Service

- United States Geological Survey 104(b)

SERVICE TO THE UNIVERSITY

- 2017 Burack Distinguished Lecture: Nominated and hosted Jonathan Patz, MD, MPH (Director of the Global Health Institute at the University of Wisconsin-Madison, Intergovernmental Panel on Climate Change lead author, and Nobel Prize for Peace Laureate) for his lecture, "Confronting the Climate Crisis," January 27, 2017.
- 2016 Rubenstein Distinguished Lecture: Nominated and hosted Jonathan Patz, MD, MPH for his lecture, "Health Opportunities Arising from Climate Change Policies Negotiated in Paris," January 25, 2016.
- 2015 Burack Distinguished Lecture: Nominated and hosted Teri Balsler, PhD (Dean of the College of Agriculture and Life Sciences, University of Florida and Carnegie Foundation 2010 Professor of the Year) for her lecture, "Creating an Ecologically Conscious and Globally Engaged Citizenry- Is it Time to Embrace a New Educational Paradigm?" April 15, 2015.
- 2015-present Health & Society Interdisciplinary Curriculum Initiative, University of Vermont
- 2014-2016 Sustainability Curriculum Review Committee, University of Vermont

OTHER SERVICE & ACTIVITIES

2017 Ready. Set. Run. Mini-Milers Team Leader at Vermont Day School
2016 University of Vermont Campus Children's Center Dragonboat Team
2014-2016 University of Vermont Campus Children's Center Sustainability Committee
2014 Diversity Curriculum Review Committee, University of Vermont
2013-2014 Sustainability Learning Outcomes Committee, University of Vermont
2009-2010 UW Health Green STEPS Committee, Madison, WI
2007-2010 Center for Culture, History, and Environment Student Affiliate, UW-Madison
2007 Hospice Care, Inc. In-Home Patient Volunteer and Grief Counseling Volunteer, Madison, WI
2007 Administrative Coordinator, FH King Students for Sustainable Agriculture, UW-Madison
2006-2008 Student Representative, Nelson Institute for Environmental Studies, UW-Madison
2005-2006 Co-chair, FH King Students for Sustainable Agriculture, UW-Madison
2005-2006 Volunteer, Center for Integrated Agricultural Systems, UW-Madison
2003-2004 Board Member, Takoma Park Silver Spring Food Cooperative, Takoma Park, MD
2004 Chair, Friends of Sligo Creek Natural History Committee, Takoma Park, MD
2003 Volunteer, Montgomery County Cooperative Extension, Gaithersburg, MD
2002-2003 Volunteer, Saint Anthony Park Community Council Environmental Committee, St. Paul, MN
2002-2003 Vice President of External Relations, Council of Graduate Students, University of Minnesota
2002-2003 Student Representative, Conservation Biology Program, University of Minnesota
1997-1998 Member, Student Assembly Environmental Committee, Cornell University, Ithaca, NY
1997-1998 Residence Hall Advisor, Ecology House, Cornell University, Ithaca, NY
1997-1998 President, Earthrise, Cornell University, Ithaca, NY