

*Curriculum Vitae*

**Diana Hackenburg**

50 Maple Street, Essex Junction, Vermont 05452

diana.hackenburg@uvm.edu • 419-603-0816

**EDUCATION**

**University of Vermont (Burlington, Vermont)** 2017-present

Ph.D. student in Natural Resources

*Committee: Rachelle Gould (advisor), Richard Watts (chair), Brendan Fisher, Simon Jorgenson*

Graduate Fellow, Gund Institute for Environment

UVM Graduate Teaching Program

**Indiana University-Bloomington (Bloomington, Indiana)** 2011

Master of Science in Environmental Science (Applied Ecology concentration)

Master of Public Affairs (Environmental Policy & Natural Resource Management concentration)

*Advisor: Dr. Vicky Meretsky*

**Marietta College (Marietta, Ohio)** 2009

Bachelor of Science in Environmental Science, *summa cum laude*

- Biology minor
- Leadership Studies concentration
- Phi Beta Kappa

*Advisor: Dr. Eric Fitch*

**TEACHING & ADVISING**

**Graduate Teaching Fellow** Spring 2020

*Champlain College*

- Teaching COR270 *Heroines and Heroes: Environmental Movement Past, Present, & Future*

**Consultant** Spring 2017-present

*Graduate Writing Center, University of Vermont*

- Help graduate students from across campus develop writing skills and confidence in both academic and professional genres through one-on-one and group consultations, as well as class presentations and writing workshops
- Train new consultants and attend monthly staff development meetings

**Co-instructor, Environmental Education ENVS 294** Fall 2018

*Rubenstein School of Environment and Natural Resources, University of Vermont*

- Designed and taught 1/3 of course lessons
- Developed and led a service-learning project in coordination with the Vermont Department of Health

### **Undergraduate Interns**

- Lauren King, *EPA grant* Summer 2019
- Will Corcoran, *Ian Worley Award recipient* Summer 2018
- Ramiro Pinedo Jr., *Doris Duke Conservation Scholars Program* Summer 2018

### **Teaching Assistant**

- ENV5188 Sustainability Science (*with Brendan Fisher*) Spring 2019
- NR6 Race and Culture (*with Allan Strong and Breck Bowden*) Fall 2018
- NR104 Social Processes and the Environment (*with Rachelle Gould*) Spring 2017

### **Assistant Faculty**

Summer 2018

*Vermont Governor's Institute on Environment, Science and Technology*

- Assisted with teaching high-school students ecological concepts, data collection methods and protocols, data analysis, and research poster design.
- Designed a module to teach students about complex socio-ecological issues and climate change using Hurricane Maria as a case study

## **RESEARCH EXPERIENCE**

### **Graduate Research Assistant**

Fall 2017-present

*Rubenstein School of Environment and Natural Resources, University of Vermont*

- EPA Grant: Exploring the links between harmful algal blooms and human well-being: How and why communities take action
- Working with Principal Investigator Rachelle Gould to explore the links between harmful algal blooms, human well-being, and community action, with special emphasis on cultural ecosystem services, communication, and learning; conducting a historical analysis of community efforts and media discourse; designing and implementing a survey to test science communication strategies

### **Capstone Project**

Fall 2011

*School of Public and Environmental Affairs, Indiana University-Bloomington*

- SPEA V600: Indiana University Sustainability Program Prioritization and Evaluation
- Analyzed the logic, prioritization, and performance of sustainability efforts related to Environmental Quality and Land Use on the Indiana University-Bloomington campus as identified by the Indiana University Office of Sustainability and its associated Environmental Quality and Land Use Working Group

## **Research Experience for Undergraduates**

Summer 2009

*Loyola University-New Orleans*

- Developed an independent research plan in conjunction with study advisor, Dr. Paul Barnes to supplement a larger dryland decomposition experiment
- Designed and conducted an individual research project on the calibration and use of polysulphone films for measuring UV dose
- Analyzed experimental data to determine the practicality of applying polysulphone film technology in decomposition studies

## **RESEARCH AWARDS & GRANTS**

### **Vermont Water Center**

Spring 2018

- A Mental Models to Understanding Public Knowledge of Harmful Algal Blooms in Lake Champlain (*with Dr. Rachelle Gould*), \$10,000

## **PEER-REVIEWED PUBLICATIONS**

**Hackenburg, D.M.**, Adams, A., Brownson, K., Borokini, T.I., Gladkikh, T.M., Herd-Hoare, S.C., Jolly, H., Kadykalo, A.N., Kraus, E.B., McDonough, K.R., Morse, J.W., Sandu, S.S., Tugjamba, N., Vallet, A. 2019. Meaningfully Engaging the Next Generation of Ecosystem Service Experts. *Ecosystem Services* 40.

## **CONFERENCE SESSIONS ORGANIZED, PRESENTATIONS, AND POSTERS**

**Hackenburg, D.M.** 2019. Cultural Ecosystem Services and Cyanobacteria: Exploring Impacts as Framed by Individuals and the Media in St. Albans, Vermont, U.S.A. (poster)

**Conference:** Ecosystem Services Partnership 10 World Conference. Hannover, Germany.

Campo Gnecco, A., Jacobs, S., Alkemade, R., Gladkikh, T., and **Hackenburg, D.M.** 2019. Implications of IPBES Assessments: Linking Plural Values and Plausible Futures. (session organizer)

**Conference:** Ecosystem Services Partnership 10 World Conference. Hannover, Germany.

Welch, N., **Hackenburg, D.M.**, and Sambile, A. 2019. (He)Art and Science: Multidisciplinary Staffing in a Graduate Writing Center. (panel)

**Conference:** 2019 National Conference on Peer Tutoring in Writing. Columbus, Ohio.

**Hackenburg, D.M.** 2018. Cultural Ecosystem Services, Changing Environments, and the Communication of Science. (presentation)

**Conference:** A Community on Ecosystem Services Conference. Washington, D.C.

**Hackenburg, D.M.** 2018. Poster: Cyanobacteria, Cultural Ecosystem Services, Communication and Community Action. (poster)

**Conference:** UVM Student Research Conference. Burlington, VT.

**Hackenburg, D.M.** 2018. Harmful Algal Blooms and Human Well-Being: How and Why Communities Take Action. (presentation)

**Conference:** Lake Champlain Research Conference. Burlington, VT.

**Hackenburg, D.M.** 2013. Bay Day: A Watershed Education Field Experience for 4th Graders. (presentation)

**Conference:** Virginia Environmental Education Conference 2013. Orkney Springs, VA.

**Hackenburg, D.M., Tobler, M.A., and Barnes, P.W.** 2010. A UV dosimeter for estimating the influence of soil deposition and other factors on solar UV exposure of decomposing leaf litter in dryland ecosystems. (poster)

**Conference:** Ecological Society of America Annual Meeting 2010. Pittsburgh, PA.

### **INVITED TALKS**

**Hackenburg, D.M.** 2019. Cyanobacteria Blooms in Lake Champlain. Presentation to UVM ENVS 188 class.

**Hackenburg, D.M.** 2019. Beyond the Basics: Presentations and Posters that Pop. Presentation to the UVM PT329 Knowledge Implementation, Transfer, and Exchange of Evidence Based Physical Therapy class as part of a collaboration with the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2019. Results & Discussion Part 2: Visualizing Your Data. Presentation to the UVM PT329 Knowledge Implementation, Transfer, and Exchange of Evidence Based Physical Therapy class as part of a collaboration with the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2019. Results & Discussion Part 1: What's the Difference? Presentation to the UVM PT329 Knowledge Implementation, Transfer, and Exchange of Evidence Based Physical Therapy class as part of a collaboration with the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2018. Working with Your Draft. Presentation to the UVM PT329 Knowledge Implementation, Transfer, and Exchange of Evidence Based Physical Therapy class as part of a collaboration with the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2018. Mentor Texts. Presentation to the UVM PT329 Knowledge Implementation, Transfer, and Exchange of Evidence Based Physical Therapy class as part of a collaboration with the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2018. Literature Reviews. Presentation to the UVM EDLP 449 Dissertation Writing Seminar class on behalf of the UVM Graduate Writing Center.

**Hackenburg, D.M.** 2018. A Mental Models Approach to Understanding Public Perceptions of Algal Blooms in Lake Champlain. Presentation for the UVM EPSCoR Seminar Series. Burlington, VT.

## **POPULAR PUBLICATIONS**

### ***Coastwatch Magazine***

- Leave it to Beaver (Dams), Autumn 2017
- Building a Blue Economy in North Carolina, Spring 2017
- Expanding Marine Education from Sea to Mountains, Spring 2017
- Muddy Waters: Defining the 100-year Flood, Spring 2017
- Watching and Learning About North Carolina Sea Grant, Spring 2017
- Education to Action, Holiday 2016
- A Cohesive Strategy: The North Carolina Watershed Stewardship Network, Autumn 2016
- Accounting for the Bounty of the Sea, Fall 2016
- Story Map Reveals Oyster Treasures, Fall 2016
- It Runs in the Blood, Summer 2016

**Hackenburg, D.M.** 2016. Local Farms, Local Food and Conservation in North Carolina. *Philanthropy Journal*: <https://pj.news.chass.ncsu.edu/2016/02/01/triangle-land-conservancy/>.

**Hackenburg, D.M.** 2016 Feb. 13. Five reasons for getting outside and how to get started. *Durham Herald-Sun*.

### ***Conservation Connections magazine***

- Organic Dairy Farm Conserved in Chatham County, Spring 2016
- Water is the Future: 607 Acres Conserved in the Rocky River Watershed, Winter 2015

### ***Saving Land in western Virginia magazine***

- Agritourism in a Creative Economy, Fall 2013
- Something Old, Something New, Something Borrowed, Something Blue: Becoming the Blue Ridge Land Conservancy, Spring 2013

## **PROFESSIONAL EXPERIENCE**

### **Science Writer/Editor**

March 2016-July 2017

North Carolina Sea Grant; Raleigh, North Carolina

- Pitched, wrote and edited stories to share information developed through Sea Grant's research and outreach efforts with stakeholders across the state through *Coastwatch* magazine, Sea Grant's website and blog, and outreach materials
- Lead the implementation of new communications forms including social media, maps, infographics, and multimedia, specifically video

### **Communications Manager**

September 2014-March 2016

Triangle Land Conservancy; Durham, North Carolina

- Identified, created, and edited stories demonstrating TLC's impact on the community for print, local media, social media, and development
- Led development and sharing of new communications strategies for use by land trusts statewide as co-chair for the NC Land Trust Council Public Relations Committee

### **TMDL Nonpoint Source Coordinator**

October 2013-August 2014

Virginia Department of Environmental Quality; Roanoke, Virginia

- Developed TMDL Implementation Plans by soliciting input from community stakeholders, conducting GIS analysis, researching BMPs, and writing public and technical reports
- Assisted local stakeholders in identifying and obtaining grant funds for water quality improvement projects and managed over \$400,000 in grant projects

### **Project Manager**

March 2012-October 2013

Blue Ridge Land Conservancy; Roanoke, Virginia

- Produced a variety of outreach materials including a new website, monthly e-newsletter, donor prospectus, conservation easement guide, and garden club curriculum
- Planned and implemented fundraisers totaling over \$35,000 in revenue annually
- Monitored conserved properties by conducting annual steward visits, documenting site conditions with photos and written reports, and working with landowners to resolve management concerns

### **Biological Science Technician**

Summer 2011

USGS; Custer, South Dakota

- Participated in field work for a project investigating the relationship between prescribed burning in Black Hills Ponderosa pine forests, various environmental factors, and target invasive plant species

### **Service Corps Fellow**

January 2010-December 2011

Shalom Community Center; Bloomington, Indiana

- Led the development of new data collection methods to aid the center in reporting provided services, clientele served, and caseworker/program outcomes

**Field Botanist**

Summer 2010

Purdue University Hardwood Ecosystem Experiment; Bloomington, Indiana

- Collected data on understory herbaceous and woody vegetation to species in Yellowwood and Morgan-Monroe State Forests as an independent field technician

**Team Leader**

Spring 2009

America's Best Leaders 2009 Marietta College Team; Marietta, Ohio

- Collaborated with the Center for Public Leadership at the John F. Kennedy School of Government at Harvard University in selecting candidates for U.S. News and World Report's America's Best Leaders 2009 feature published October 2009

**Team Member**

August 2008 – May 2009

Marietta College Executive-In-Residence Program; Marietta, Ohio

- Collaborated with Mr. Kevin Henning, Chairman of Findlay Development LLC, on generating a list of recommendations for future energy resource research and policy in Ohio as part of the "Energy for the Next 100 Years" report

**Undergraduate Capstone**

August 2008 – May 2009

Ely Chapman Education Foundation; Marietta, Ohio

- Redesigned the curriculum for their environmental summer camp and education program and aligned lessons with Ohio Academic Content Standards for various age groups (6-15)

**HONORS AND AWARDS**

- Master Certified Tutor, College Reading & Learning Association, Spring 2019
- UVM Rubenstein School Five-Minute Thesis Competition —3rd Place, Fall 2017
- N.C. Association of Government Information Officers Award for Best Feature Writing, 2016
- Melissa Laney Clark Graduate Fellowship, 2010-11
- Asa Shin McCoy Award, Marietta College, 2009
- William Bay Irvine Medal, Marietta College, 2009
- Beta Beta Beta, 2009
- Omicron Delta Kappa, 2009
- Order of Omega, 2009

**UNIVERSITY SERVICE**

- Member, Rubenstein Community of Practice for Equity and Justice, Spring 2019-present
- Graduate Student Intern, Inclusion, Diversity, Equity, and Action Committee, Fall 2018-present
- President, UVM Rubenstein Graduate Student Association, 2018-2019
- Member, IU SPEA Graduate and Professional Student Organization, 2009-2011
- Parliamentarian, Marietta College Graduate Student Senate, 2009
- Board Member, Marietta College Student Alumni Association, 2005-2009

### **PROFESSIONAL AFFILIATIONS**

- Ecosystem Services Partnership, 2019
- International Environmental Communication Association, 2019
- Young Ecosystem Service Specialists, 2018-2019

### **COMMUNITY SERVICE**

- Five Corners Farmers' Market Board Member, 2018
- Durham Literacy Center, Board Member and Development Committee Co-chair, 2016-2017
- Roanoke Youth Bird Club Co-leader, 2014
- Virginia Master Naturalists, 2013-2014