

**Andrew Mitchell Hoyt**  
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## EDUCATION

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<b>Princeton University:</b> Ph.D. in the History of Science	<b>Expected 2028</b>
<b>Princeton University:</b> M.A. in the History of Science	<b>2025</b>
<b>Trent University:</b> M.A. in History	<b>2023</b>
Thesis: <i>Ecology, Settler Colonialism, and the Environments of the American Midwest: The Science and Politics of Ecological Restoration since 1950</i>	
<b>Carleton College:</b> B.A. in History, Minor in Medieval and Renaissance Studies	<b>2019</b>

## PUBLICATIONS

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- “Sovereignty through Stewardship: Wild Rice, Minnesota Ojibwe Resurgence, and the Politics of Relational Restoration.” In preparation for submission to *Environmental History*.
- “What Minnesota's Mineral Gaze Overlooks.” *Edge Effects Digital Magazine*. July 2022.
- “Air Source Heat Pumps in Wisconsin: Multifamily and Single-Family Applications.” Drennen, Julie, Carl Nelson, Andrew Hoyt, Isaac Smith, Chidinma Emenike, Ben Schoenbauer, Maria Cecilia Quiñones Peña, Abigail Corso, and Chelsea Wilson. Focus on Energy Environmental & Economic Research and Development Program (October 2021).
- “Non-Native Liana, *Euonymus Fortunei*, Associated with Increased Soil Nutrients, Unique Bacterial Communities, and Faster Decomposition Rate.” Bray, Sarah R., Andrew M. Hoyt, Zhijie Yang, and Mary A. Arthur. *Plant Ecology* 218 (2016): 329–343.

## RESEARCH & TEACHING EXPERIENCE

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<b>Research Assistant</b>	<b>2022 – 2023</b>
For Dr. Finis Dunaway ( <i>Trent University</i> )	
- Primary research for book project on Iron Eyes Cody and the trope of the “Ecological Indian”	
- Designed and wrote webpages for companion public history website for <i>Defending the Arctic Refuge</i>	
For Dr. Tina Adcock ( <i>Simon Fraser University</i> )	
- Located archival material for use in <i>A Cold Colonialism: Modern Exploration and the Canadian North</i> (2025)	
<b>Graduate Teaching Assistant</b> , Trent University School of the Environment	<b>2021 – 2023</b>
Environmental History (Fall 2022); Environmental Science and Politics (Winter 2022 and 2023); Natural Resource Management: Theory and Comparative Cases (Fall 2021)	
<b>Energy Analyst</b> , Center for Energy and Environment, Minneapolis, MN	<b>2019 – 2021</b>
Conducted research to support the development of energy efficiency and electrification programs for public partners	
<b>Student Naturalist</b> , Carleton College Cowling Arboretum	<b>2015 – 2019</b>
Conducted research and interviews for oral history project on the founding of the arboretum and delivered public lecture based on the project	
<b>Research Assistant</b> , Chicago Botanic Garden Echinacea Project	<b>2018</b>
National Science Foundation Research Experiences for Undergraduates (NSF REU)-funded position researching genetic diversity and pollination rates in remnant populations of <i>Echinacea angustifolia</i> in Minnesota	
<b>Ecology Lab Research Assistant</b> , Carleton College Biology Department	<b>2017</b>
Conducted fieldwork and statistical analysis studying the effect of mammal herbivory on plant diversity in tallgrass prairie restorations	
<b>University of Kentucky Department of Forestry</b>	<b>2014 – 2016</b>
Researched the impact of logging techniques on incidence and intensity of fire in eastern Kentucky forests	

## PRESENTATIONS

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- “Conservation in the Corn State: Agribusiness, Ecosystem Services, and the Reconceptualization of Iowa Public Land Management, 1960-1990.” For co-organized panel, “States of the Environmental Management State: Imagining and Forging Novel Ecologies in Modern America,” at the American Society for Environmental History 2025 Meeting.

- “Sovereignty through Stewardship: Wild Rice, Minnesota Ojibwe Resurgence, and the Politics of Relational Restoration.” Technologies of Sovereignty Graduate Conference at Columbia University. February 2025.
- “Theory and Practice in the Prairie: Plant Community Structure and the Foundations of Restoration Ecology.” History of Science Society Annual Meeting. November 2022.
- “A Tragedy in Common: H. Scott Gordon, the Fisherman’s Problem, and the Rationalizing High Modernism of Cold War Bioeconomics.” McGill-Queen’s Graduate History Conference. March 2022.
- “He was on Your Side and You Knew It’: A Profile of Harvey Stork, Professor of Botany and Founder of the Carleton Arboretum.” Public Lecture at Carleton College. May 2019.
- “Cover of *Solidago* (goldenrod) species affects plant species richness in restored tallgrass prairie.” Carleton College Student Research Symposium. October 2017; Minnesota Private Colleges Poster Showcase at the Minnesota Capitol. February 2018.
- “*Euonymus fortunei* Influences Soil Bacterial Community and Leaf Composition.” Tracy Farmer Institute for Sustainability and Environment Annual Poster Showcase. December 2014.

## **WORKSHOP PAPERS**

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- “Chaos Ecology: Science, Governance, and the End of Natural Order.” Princeton University History of Science Program Seminar. November 2025.
- “Temporal Recipe Knowledge in the Early Modern English Household.” Princeton University Early Modern History Workshop. October 2024.
- “Restoration, Reciprocity, and Rice: How Minnesota Ojibwe Governments and Activists Reclaimed Resource Management.” Princeton University History of Science Program Seminar. September 2024.
- “In Search of the Unit of Ecological Community: Prairie Restoration and the Intermediate Geography of the American Midwest.” Princeton University History of Science Program Seminar. March 2024.
- “Quantifying the effects of aphid herbivore *Aphis echinaceae* on the fitness of *Echinacea angustifolia*,” Carleton College Student Research Symposium. October 2018.

## **COMMENTS**

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For Tomás Uribu, “The Otumpa Meteorite and the Conquest of Chaco,” Princeton University History of Science Program Seminar. November 2023.

## **SELECTED AWARDS & HONORS**

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<b>Graduate Student Essay Prize</b> , ASEH	<b>2025</b>
Awarded for best essay by a graduate student for “Sovereignty through Stewardship: Wild Rice, Minnesota Ojibwe Resurgence, and the Politics of Relational Restoration”	
<b>Environmental History Fellow</b> , ASEH	<b>2025</b>
One of four graduate students selected to develop manuscripts for submission to <i>Environmental History</i>	
<b>Passed General Examination with Distinction</b> , Princeton University	<b>2025</b>
<b>President’s Medal</b> , Trent University	<b>2024</b>
Awarded to the student with the highest academic record among the university’s MA programs	
<b>Ontario Graduate Scholarship</b> , Trent University	<b>2022 – 2023</b>
Highly selective merit-based scholarship awarded annually	
<b>Katherine S. McCarter Graduate Student Policy Award</b> , Ecological Society of America	<b>2022</b>
Recognizes graduate students working at the intersection of policy and ecology	
<b>Alan Wilson Entrance Award</b> , Trent University	<b>2021</b>
<b>Magna Cum Laude</b> , Carleton College	<b>2019</b>
<b>Phi Beta Kappa</b> , Carleton College	<b>2019</b>
<b>Laurence McKinley Gould Prize in Natural Science</b> , Carleton College	<b>2019</b>
Awarded to one graduating student for excellence in experimental scientific research and the humanities	
<b>Best Undergraduate Poster</b> , University of Kentucky Tracy Farmer Institute	<b>2014</b>

Awarded for poster based on research with the University of Kentucky Forest Ecology lab

## **SERVICE & ADVOCACY**

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<b>Earth and Environment Forum Steering Committee</b> , HSS	Since 2024
<b>Communications Officer</b> , HSS Graduate and Early Career Caucus	Since 2023
<b>Graduate History Association Committee</b> , Princeton University	2023 – 2025
<b>History MA Program Director Search Committee</b> , Trent University	2022 – 2023
<b>History MA Program Committee</b> , Trent University	2022 – 2023
<b>Policy Action Team</b> , MN350	2019 – 2021
<b>Student Departmental Advisor</b> , Carleton College History Department	2018 – 2019
<b>Environmental Carls Organized Volunteer</b> , Carleton College	2018 – 2019

## **OTHER SKILLS**

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### **Languages**

Reading proficiency in German, Spanish, and French

### **Software**

Mapping (ArcGIS, Tableau); Data Management and Statistical Analysis (R, Tableau, SPSS); Coding (Python, CSS)

### **Other**

Basic field and laboratory research techniques in ecology; bird and plant identification

## **REFERENCES**

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### **Erika Milam**

Professor of History and the History of Science  
Princeton University  
emilam@princeton.edu

### **Finis Dunaway**

Professor of History  
Trent University  
finisdunaway@trentu.ca

### **Stephen Bocking**

Professor of History and Environmental Policy  
Trent University  
sbocking@trentu.ca

### **George Vrtis**

Professor of Environmental Studies and History  
Carleton College  
gvrtis@carleton.edu