

Andrew Mitchell Hoyt
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EDUCATION

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

PUBLICATIONS

- “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

Research Assistant	2022 – 2023
<i>For Dr. Finis Dunaway (Trent University)</i>	
<ul style="list-style-type: none"> 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> 	
<i>For Dr. Tina Adcock (Simon Fraser University)</i>	
<ul style="list-style-type: none"> Located archival material for use in <i>A Cold Colonialism: Modern Exploration and the Canadian North</i> (2025) 	
Graduate Teaching Assistant , Trent University School of the Environment	2021 – 2023
Environmental History (Fall 2022); Environmental Science and Politics (Winter 2022 and 2023); Natural Resource Management: Theory and Comparative Cases (Fall 2021)	
Energy Analyst , Center for Energy and Environment, Minneapolis, MN	2019 – 2021
Conducted research to support the development of energy efficiency and electrification programs for public partners	
Student Naturalist , Carleton College Cowling Arboretum	2015 – 2019
Conducted research and interviews for oral history project on the founding of the arboretum and delivered public lecture based on the project	
Research Assistant , Chicago Botanic Garden Echinacea Project	2018
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	
Ecology Lab Research Assistant , Carleton College Biology Department	2017
Conducted fieldwork and statistical analysis studying the effect of mammal herbivory on plant diversity in tallgrass prairie restorations	
University of Kentucky Department of Forestry	2014 – 2016
Researched the impact of logging techniques on incidence and intensity of fire in eastern Kentucky forests	

PRESENTATIONS

- “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

- “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

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

SELECTED AWARDS & HONORS

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

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

SERVICE & ADVOCACY

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

OTHER SKILLS

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

Erika Milam

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

Stephen Bocking

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

Finis Dunaway

Professor of History
Trent University
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George Vrtis

Professor of Environmental Studies and History
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