

Andrew Mitchell Hoyt

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EDUCATION

PhD in the History of Science Princeton University, Princeton, NJ, USA	Expected 2028
MA in the History of Science , Distinction Princeton University, Princeton, NJ, USA	May 2025
MA in History , President's Medal Trent University, Peterborough, ON, Canada	July 2023
BA in History , <i>Magna cum laude</i> Carleton College, Northfield, MN, USA	June 2019

RESEARCH & TEACHING EXPERIENCE

Research Assistantships , Trent University	April 2022 – Aug. 2023
<ul style="list-style-type: none"> - <i>For Dr. Finis Dunaway</i> <ul style="list-style-type: none"> o Primary research for new book project (April - Aug. 2023) o Wrote content and designed webpages for companion public history website for <i>Defending the Arctic Refuge</i> (April – Nov. 2022) - <i>For Dr. Tina Adcock (Simon Fraser University)</i> <ul style="list-style-type: none"> o Located archival material for use in forthcoming manuscript (Feb. - April 2023) 	
Graduate Teaching Assistant , Trent University School of the Environment	Sept. 2021 – May 2023
<ul style="list-style-type: none"> • 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	Sept. 2019 – Aug. 2021
<ul style="list-style-type: none"> • Conducted research and analysis to support the development of energy efficiency and electrification programs for public partners 	
Chicago Botanic Garden Echinacea Project , Research Assistant	June – Aug. 2018
<ul style="list-style-type: none"> • 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 	
Carleton College Biology Department , Research Assistant	June – Aug. 2017
<ul style="list-style-type: none"> • Conducted fieldwork and statistical analysis for studies of the effect of mammal herbivory on plant diversity in tallgrass prairie restorations 	
Carleton College Cowling Arboretum , Student Naturalist	Sept. 2015 – June 2019
<ul style="list-style-type: none"> • Conducted research and interviews for oral history project on the founding of the arboretum and delivered public lecture based on the project 	
University of Kentucky Department of Forestry , Research Assistant	2014-2015, June – Aug. 2016
<ul style="list-style-type: none"> • Researched the impact of logging techniques on incidence and intensity of fire in eastern Kentucky forests 	

RESEARCH DISSEMINATION

Writing

“Ecology, Settler Colonialism, and the Environments of the American Midwest: The Science and Politics of Ecological Restoration since 1950.” M.A. Thesis. Peterborough: Trent University, 2023. <https://batadora.trentu.ca/islandora/ecology-settler-colonialism-and-environments-american-midwest-science-and-politics>

- Thesis committee: Stephen Bocking (M.A. advisor), Finis Dunaway, Stephanie Rutherford, Laura J. Martin (external)

“What Minnesota's Mineral Gaze Overlooks.” *Edge Effects Digital Magazine*. July 2022. <https://edgeeffects.net/minnesota-mineral-gaze/>

“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.

Conference and Poster Presentations

“Conservation in the Corn State: Agribusiness, Ecosystem Services, and the Reconceptualization of Iowa Public Land Management, 1960-1990.” American Society for Environmental History 2025 Annual Meeting.

- Delivered for co-organized panel “States of the Environmental Management State: Imagining and Forging Novel Ecologies in Modern America.”

“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 Conference. 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.

Workshop Papers

“Temporal Recipe Knowledge in the Early Modern English Household.” Princeton University Early Modern History Workshop. October 3, 2024.

“Restoration, Reciprocity, and Rice: How Minnesota Ojibwe Governments and Activists Reclaimed Resource Management” Princeton University History of Science Program Seminar. September 23, 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 18, 2024.

“Quantifying the effects of aphid herbivore *Aphis echinaceae* on the fitness of *Echinacea angustifolia*,” Carleton College Student Research Symposium. October 2018.

“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 Comments

Tomás Uribe, “The Otumpa Meteorite and the Conquest of Chaco,” Princeton University History of Science Program Seminar. November 27, 2023.

AWARDS & HONORS

Passed General Examination with Distinction , Princeton University	May 2025
<i>Environmental History</i> Fellow , ASEH	2024-2025
One of four graduate students selected for workshops to develop manuscripts for the journal of <i>Environmental History</i>	
Graduate Student Essay Prize , ASEH	April 2024
Awarded for best essay by a graduate student	
President’s Medal , Trent University	June 2024
Awarded to the student with the highest academic record among the university’s MA programs	
Ontario Graduate Scholarship , Trent University	July 2022
Merit-based scholarship awarded to a small number of graduate students each year	
Katherine S. McCarter Graduate Student Policy Award , Ecological Society of America	Feb. 2022
Recognizes graduate students working at the intersection of policy and ecology	
Alan Wilson Entrance Award , Trent University	Feb. 2021
<i>Magna Cum Laude</i> , Carleton College	June 2019
Phi Beta Kappa , Carleton College	May 2019
Laurence McKinley Gould Prize in Natural Science , Carleton College	May 2019
Awarded to a student for demonstrated excellence in experimental scientific research and the humanities	
Best Undergraduate Poster , University of Kentucky Tracy Farmer Institute	Dec. 2014
Awarded for poster based on research conducted with the University of Kentucky Forest Ecology lab	

SERVICE & ADVOCACY

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

SKILLS & PROFICIENCIES

Languages

- Reading proficiency in German, Spanish, and French

Software

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

Field and Lab

- Various ecological field research techniques, including advanced knowledge of tallgrass prairie plant identification
- Basic laboratory and statistical methods for field biology

PROFESSIONAL AFFILIATIONS

American Society for Environmental History (**ASEH**)

History of Science Society (**HSS**)

- Graduate and Early Career Caucus (**GECC**)
- Earth and Environment Forum

REFERENCES

Erika Milam

Professor of History and the History of Science
Princeton University
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Stephen Bocking

Professor of History and Environmental Policy
Trent University
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Finis Dunaway

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George Vrtis

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