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Research Partner, [Instructing Natural History: Nature, People, Empire](#), Uppsala University

## EDUCATION

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- Ph.D. **Vanderbilt University**  
History, May 2021  
  
Dissertation: “Nature’s Working Worlds: Science, Industry, and Environment in the Time of Alexander von Humboldt, ca. 1770–ca.1860”
- M.A. **Vanderbilt University**  
History, March 2017  
  
Examination fields: modern Europe; modern Germany; history of science
- B.A. **Montana State University**  
History and Philosophy, 2015  
  
Dean’s Award for Academic Excellence, College of Letters and Science

## GRANTS AND FELLOWSHIPS

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- 2024–2026 **Marie Skłodowska-Curie Postdoctoral Fellowship, European Commission**
- 2023–2025 **Government of Ireland Postdoctoral Fellowship, Irish Research Council** (top-ranking Postdoctoral Fellow in the domain of arts, humanities, and social sciences)
- 2023–2024 **Leibniz Institute of European History Postdoctoral Fellowship** (declined)
- 2023 **Institute for Advanced Study Budapest, Junior Core Fellowship**
- 2021–2023 **“PRIME” German Academic Exchange Service (DAAD) Fellowship**
- 2021–2022 **Berlin Program Postdoctoral Fellowship** (declined)
- 2019 **Mellon International Dissertation Fellowship, SSRC**
- 2018–2019 **German-American Fulbright Program**
- 2018–2019 **Long-Term Grant, German Academic Exchange Service (DAAD)** (declined)

## ACADEMIC POSITIONS & AFFILIATIONS

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- 2024–2026 **Uppsala University**  
Marie Skłodowska-Curie Postdoctoral Fellow  
Department of History of Science and Ideas
- 2023–2025 **University College Dublin**  
Irish Research Council Fellow, School of History
- 2023 **Central European University, Budapest**  
Junior Core Fellow, Institute for Advanced Study
- 2021–2023 **Ludwigs-Maximilians-Universität München**  
DAAD PRIME Fellow, Fakultät für Geschichts- und Kunstwissenschaften
- 2021–2022 **University of Cambridge**  
Visiting Scholar, Department of History and Philosophy of Science
- 2018–2019 **Georg-August-Universität Göttingen**  
Fulbright & SSRC Fellow  
Lichtenberg Kolleg – the Göttingen Institute for Advanced Study

## COURSES TAUGHT

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- 2024 HIS 33050 Instructor for **Science and Environment: Global Histories**, level 3, 10-credit module, University College Dublin.
- 2020 HIST 8000-26 Co-instructor for graduate-level **Readings in the History of Science, Medicine, and Technology**, Vanderbilt University.
- 2020 MHS 2110 Teaching Assistant for **American Medicine and the World**, Vanderbilt University.
- 2018 HIST 1500 Teaching Assistant for **History of the Modern Sciences and Society**, Vanderbilt University.
- 2014 HISTR 282 Co-instructor for **Darwinian Revolution: Issues in Contemporary Science**, Montana State University.

## AWARDS & HONORS

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- 2023 **Maurice J. Bric Medal of Excellence**, Irish Research Council, in recognition of top-ranking IRC Postdoctoral Fellow in the domain of arts, humanities, and social sciences
- 2021 **Excellence in Teaching**, College of Arts and Science, Vanderbilt University
- 2020 **J. Léon Hulguera Fellowship**, Department of History, Vanderbilt University
- 2018 **Nathan Reingold Prize** for best graduate student paper, History of Science Society

## PUBLICATIONS

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- Book** *Unearthed: Science and Environment across Mineral Frontiers* (manuscript under review).
- Articles** “Julie von Bechtolsheim, a Political Life: Women’s Work and Governance in the Age of Revolution,” forthcoming in *Journal for Eighteenth-Century Studies* (2024).
- “Terrestrial Enlightenment: Ruin and Revolution in an Eighteenth-Century Climate Crisis,” *Journal of Social History*, 56, no. 2 (Winter 2022): 352-385.
- “Introduction to Working at the Margins: Labor and the Politics of Participation in Natural History, 1700-1830,” special issue of *Berichte zur Wissenschaftsgeschichte – History of Science and Humanities* 44 (2021): 115-136.
- “Making Historicity: Paleontology and the Proximity of the Past in Germany, 1770-1820,” *Journal of the History of Ideas* 82, no. 2 (April 2021): 231-56.
- “Labour, folklore, and environmental politics in German mining around 1800,” *Historical Journal* 64, no. 3 (2021): 583-605.
- “Mines, mountains, and the making of a vertical consciousness in Germany ca. 1800,” *Centaurus* 62, no. 4 (2020): 612-30.
- “Mining as the Working World of Alexander von Humboldt’s Plant Geography and Vertical Cartography,” *Isis* 109, no. 1 (2018): 28-55.
- “Race and Republicanism in Philadelphia’s *Aurora*: Views of Revolutions in Saint-Domingue and Latin America, 1798-1822,” *Pennsylvania Magazine of History and Biography* 141, no. 1 (January 2017): 31-58.
- Edited** Guest editor of “Rural Dynamics: Migrations, Marginality, and Material Flows in Germanophone Europe, Seventeenth to Nineteenth Centuries,” special section forthcoming in *German Studies Review* 47, no. 1 (2024).
- Guest editor of “Working at the Margins: Labor and the Politics of Participation in Natural History, 1700-1830,” special issue of *Berichte zur Wissenschaftsgeschichte – History of Science and Humanities* 44 (2021).
- Other** Patrick Anthony, Jody Benjamin, Zachary Dorner, Nicholas B. Miller, Kate Mulry, “Discussion: Coercive Labor and Colonial Science in the Atlantic and Beyond,” forthcoming in *Labor* 20, no. 1 (Feb. 2024).
- Patrick Anthony, Juliana Broad, Xan Chacko, Zachary Dorner, Judith Kaplan, and Duygu Yildirim, “(Un)making labor invisible: a syllabus,” *History of Science* 61, no. 4 (2023): 608-624.

- Chapters** “The View from the *Wachtberg*: Surveying a Mineral Empire in Central Asian Borderlands,” *Die Tagebücher der russisch-sibirischen Reise. Edition Humboldt*, eds. Tobias Kraft and Florian Schnee (Berlin: Berlin-Brandenburgische Akademie der Wissenschaften, 2023).
- In Progress** “A global history of global physics,” *Filozofski vestnik*, special issue on new approaches in history and philosophy of science (forthcoming in 2024).
- “Nature’s Keepers: Working-Class Families and the Economy of Earthly Things,” in progress for special issue of *KNOW: A Journal on the Formation of Knowledge*: “Making Science of Things.”
- Jennifer Keating and Patrick Anthony, “Climate Maps,” forthcoming in *Layers of Empire: Russian Imperial Thematic Cartography*, eds. Catherine Gibson and Anton Kotenko.

## REVIEWS

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- Mark Thurner and Jorge Cañizares-Esguerra, eds., *The Invention of Humboldt: On the Geopolitics of Knowledge* (New York: Routledge, 2022), *British Journal for the History of Science*. Published online 2023.
- Leoni, S. B., Baumgartner, S. and Knittel, M., eds., *Connecting Territories: Exploring People and Nature, 1700–1850*. *Archives of Natural History* 49, no. 2 (2022): 426-427.
- Dezső Gurka, ed., *Time in the ‘Third Kingdom of Nature’*. *Diciottesimo Secolo*, journal of the Società Italiana di Studi sul Secolo XVIII 7 (2022): 209-211.
- Ursula Klein, *Technoscience in History: Prussia, 1750-1850*. *Isis* 113, no. 1 (2022): 187-89.
- Amrei Buchholz, *Zwischen Karten: Alexander von Humboldts Atlas géographique des régions équinoxiales du Nouveau Continent*. *Revista de Indias* 81, no. 282 (2021): 569-71.
- H. A. Curry, N. Jardine, J. Secord, and E. C. Spary, *Worlds of Natural History*. *Archives of Natural History* 46, no. 2 (October 2019): 366–67.
- Lissa Roberts and Simon Werrett, *Compound Histories: Materials, Governance and Production, 1760–1840*. *Isis* 110, no. 2 (September 2019): 607–08.
- Julian Drews, Ottmar Ette, Tobias Kraft, Barbara Schneider-Kempf, and Jutta Weber, eds. *Forster—Humboldt—Chamisso: Weltreisende im Spannungsfeld der Kulturen*. *Isis* 110, no. 2 (June 2019): 414–15.

## SERVICE

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Article Referee, *History of Science*, 2024  
Article Referee, *History of Science*, 2023  
External Evaluator, European Research Council (ERC) Starting Grant, 2022  
Article Referee, *Journal of Austrian-American History*, 2022  
Article Referee, *Notes and Records: The Royal Society Journal of the History of Science*, 2022  
Article Referee, *Isis*, 2021

### Conference Organization

June 2024 “Measuring Eurasia: A Conference on Survey Sciences at the Edges of Empire”  
Organizer of international conference, University College Dublin, sponsored by the  
UCD Humanities Institute, Earth Institute, and Environmental Humanities

Nov. 2023 “Health and Colonialism”  
Chair of conference panel, History of Science Society

Sept. 2022 “Mapping Village Spaces: Local Networks, Global Perspectives”  
Co-organizer of conference panel, German Studies Association

Nov. 2021 “Underground Labor: Earth Workers, Evidence, and Erasure”  
Organizer of conference panel, History of Science Society

Sept. 2020 “Working at the Margins: Labor and the Politics of Participation in Natural History”  
Organizer of authors’ workshop for *Berichte zur Wissenschaftsgeschichte*

Apr. 2017 Southern History of Science and Technology Conference  
Co-chair, Vanderbilt University

## RESEARCH COMMUNICATION

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### Invited Talks and Lectures

Nov. 2023 “Extractive Histories of Environmental Science.” Lecture sponsored by the  
[MINERALS seminar series and podcast](#) at the UCD Humanities Institute.

Oct. 2023 “Mercenary Science between American and Eurasian Empires.” Talk sponsored by  
the Austrian Academy of Sciences.

Apr. 2023 “Universal Chains: Global Sciences of Earth, Air, and Unfreedom.” Seminar lecture  
sponsored by the Institute for Advanced Study Budapest.

Nov. 2022 “Terrestrial Enlightenment: The Politics of Earth in an Eighteenth-Century Climate  
Crisis.” Lecture sponsored by German Historical Institute London; [GHIL Podcast](#).

- Nov. 2022 “A Wainwright’s Tale: Placing the Village in the History of Natural History.” Talk sponsored by the Historical Institute, Universität Bern.
- Nov. 2022 “Colonizing Earth and Air: Instructing Survey Sciences in Mexico and Siberia.” Paper sponsored by Uppsala University.
- Apr. 2022 “Imperial Orography: ‘Liminal Experience’ in Central Asian Borderlands.” Paper sponsored by Cambridge University in Celebration of Martin Rudwick.
- Oct. 2021 “The Upland Exchange: Village Life in Natural History.” Talk sponsored by the Cabinet of Natural History, University of Cambridge.
- June 2021 “Working and Knowing: A Labor History of ‘Humboldtian Science.’” Talk sponsored by the Modern European History Seminar, University of Cambridge.
- Apr. 2021 “Artisans in the Mountains: Topographies of Science and Work.” Talk sponsored by the Colloquium for Science Studies, ETH Zürich.
- May 2020 “Mining, Folklore, and the Politics of Sustainability.” Talk sponsored by York University, Postgraduate Forum – Centre for Eighteenth Century Studies.
- Nov. 2019 “Oeconomizing Nature: ‘Raubbau’ and Reform from Forster to Humboldt.” Talk sponsored by Universität Göttingen, Forschungskolloquium Neuere Geschichte.
- July 2019 “Bergbau als ‘Hilfsmittel der Natur’. Georg Forsters Reise zwischen aufgeklärtem Utilitarismus und romantischer Ökologie, 1784.” Lecture sponsored by the Staatsbibliothek zu Berlin.
- Mar. 2019 “Meeting Nature Halfway: Georg Forster, Mining, and the Aesthetics of Artifice.” Talk sponsored by the Cabinet of Natural History, University of Cambridge.
- Mar. 2018 “Time and the Underground: The Politics of Primordality in Germany, 1775-1825.” Talk sponsored by the Historisches Seminar, Universität Konstanz.
- June 2018 “The Mine, the Garden, and the Mill: Views of Nature in Germany, 1760-1860.” Talk sponsored by the Historisches Seminar, LMU Munich.

### Interviews & Podcasts

“Extractive Histories of Environmental Sciences,” [MINERALS Podcast](#), Humanities Institute, University College Dublin

German Historical Institute of London, “Terrestrial Enlightenment” 2023 | [Podcast Interview](#) by Research Fellow Mirjam Brusius and PR Officer Kim König

Journal for the History of Ideas, 2021 | [Blog Interview](#)

Time to Eat the Dogs, “Episode 32: Rethinking Humboldt” 2018 | [Podcast Interview](#)

## **PROFESSIONAL AFFILIATIONS**

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American Society for Environmental History  
European Society for the History of Science  
European Society for Environmental History  
History of Science Society