

Marlis Hinckley

Education

The Johns Hopkins University

May 2025

PhD in History of Science and Technology

Certificates: Philosophy of Science (granted by Department of Philosophy), Teaching Certificate

Dissertation: “Cultivating New Spanish Knowledge: Experience and Exchange in the Spanish Colonial Garden, 1570-1620”

University of Cambridge

August 2017

M.Phil in Medieval History, King’s College

Distinction

Dissertation: “Diagrams and Visual Reasoning in Pseudo-Lullian Alchemy”

Selected coursework: Latin, codicology, English paleography, historical methods, High Medieval history

Princeton University

June 2016

A.B. in History, minor in Spanish Literature

Summa cum laude, Phi Beta Kappa

Dissertation: “Pseudo-Lullian Alchemy and Lullian Alchemical Poetry”; specialization in History of Science; coursework included natural and computational science, literature, philosophy

Publications

Peer-Reviewed Papers

- “‘Prudence, Foresight, Courage, Oeconomy’: Glass Beehives and English Society, 1650-1680”, *Annals of Science* (Summer 2024).
- “The Pauper’s Paradise: Franciscan Perspectives on American Diets in 16th-Century New Spain”, *Colonial Latin American Review* (Fall 2022)

Chapters in Edited Volumes

- “Huaxtepec: Converting Botanical Knowledge in New Spain”, Max Planck Institute for the History of Science, edited volume *Science and Religious Experience* (forthcoming, fall 2025)
- “A Divine Society: Beekeeping, Observation, and Political Science in Seventeenth-Century England”, in *Conversations in Garden History: New Research, New Ideas, New Approaches*, ed. Pippa Potts (London, Birkbeck Garden History Group, 2023).

Other Publications

- Book review, “By the Numbers: Numeracy, Religion, and the Quantitative Transformation in Early Modern England”, by Jessica Marie Otis, *Reformation* (forthcoming, fall 2025)
- Book review, “In the Land of Marvels”, by Paola Bertucci, *British Journal for the History of Science* (2023)
- “The Beni Biosphere Reserve and Modern Conservation in Latin America”, *Princeton Historical Review* (Spring 2016)

Presentations

Invited Presentations

- Archivo Histórico de la Provincia del Santo Evangelio de México, *500 años de franciscanos en el Nuevo Mundo* (October 2024) – “Los jardines franciscanos del s. XVI”
- Max Planck Institute for the History of Science, *Science and Religious Experience in the Premodern World* (July 2023) – “Huaxtepec and Plant-Related Knowledge Across the Conquest”
- Champion Hall (Oxford University), *The Jesuits and the Natural World* (March 2023) – “Jesuits and Plant Knowledge in Colonial New Spain”

- Princeton Institute of Materials, *Alchemical Imagery* (May 2022) – “Diagrams in Pseudo-Lullian Alchemy”
- International Congress of History of Science and Technology (August 2021) – “What Early Modern Scientific Fakes Can Teach Us About Today's Online Fabrications”

Panels Organized

- International Congress for the History of Science and Technology, Dunedin, New Zealand (July 2025) – “Historical and Philosophical Perspectives from Ethnobotany”
- History of Science Society, Merida, Mexico (November 2024) – “Botanical Knowledge from New Spain to the World”

Conference and Workshop Presentations

- International Congress for the History of Science and Technology (June 2025) – “Historical Perspectives from Ethnobotany”
- RECSLAC (Network for the Study of Sciences in Latin America) Graduate Workshop (July 2024) – “Branching Out: the development of plant-related knowledge in early colonial New Spain”
- Joint Atlantic Seminar in the History of Biology (April 2024) – “‘A Pilgrim Plant’: the nasturtium between early modern cultural contexts”
- Dartmouth History Institute (June 2023) – “The Proto-Botanical Gardens of Early Modern Spain”
- Seminario de Investigación en Humanidades Médicas, UNAM (March 2023) – “Las plantas medicinales europeas y americanas en el Virreinato”
- Seminario Institucional del Instituto de Biología, UNAM (February 2023) – “Los jardines (botánicos) del s. XVI entre España y la Nueva España”
- History of Science Society (November 2022) – “Spanish Colonial-Era Historiography and the Aztec Past”
- UCL Scientific Re-Creation Conference (July 2022) – “Recreation and the Study of Colonial Mexican Gardens”
- Institute for Historical Studies Summer Seminar (June 2022) – “Bees, Science, and Society in Early Modern England”
- JHU Early Modern Philosophy Seminar (March 2022) – “Pseudo-Lullian Matter Theory”
- Yale Agrarian Studies Workshop (December 2021) – “Sources for the Study of Mexican Gardens”
- Harvard Graduate Research in Science and Technology Studies (November 2021) – “Glass Hives and Society in Restoration England”
- History of Science Society (November 2021) – “Agriculture and Asceticism in New Spain”
- Society for the History of Chemistry Postgraduate Workshop (June 2021) – “Representations in Pseudo-Lullian Alchemy”
- Manchester CHSTM Seminar Series (November 2020) – “Occult Sciences in 16th-Century New Spain”
- Leeds International Medieval Conference (July 2018) – “Diagrams in Pseudo-Lullian Alchemy”

Teaching

Instructor

- Science in the Colonial Age (Summer Term 2024)

Curriculum Developer

- Introduction to Modern Latin American History (contributor)
- Science in the Colonial Age – 12-week survey course on early modern colonial science history

TA

- History of Science: Antiquity to the Renaissance
- WikiEducation: History of Johns Hopkins Medicine

- Religion and Science
- Campus Life

Training Received

- Johns Hopkins Teaching Institute (4-day intensive pedagogy course)
- JEDI (Justice, Equity, Diversity, and Inclusion) Teaching (6-session workshop series)

Awards and Prizes

- Trevor Levere Prize (2023) – *Annals of Science* annual paper prize
- IUHPST Prize (2021) – International Union of History and Philosophy of Science biennial prize for top essay on the discipline’s modern applications: “Misinformation Age: early modern fabrications and today’s online fakes”
- K. Wood-Legh Prize (2017) – University prize for top MPhil dissertation in Medieval History
- John Rose Prize (2017) – College prize for top general science essay: “Evolution of Eusociality”
- Horace Wilson Prize (2016) – University prize for top undergraduate thesis in History of Science
- Stone-Davis Award (2015) – University prize for top archival research by third-year students

Fellowships

Long-Term Fellowships

- National Science Foundation Doctoral Dissertation Research Improvement Grant (2024-2025)
- Fulbright/COMEXUS Garcia-Robles Grant (2022-2023), Mexico City – Academic-year research fellowship; affiliated with UNAM’s Instituto de Biología and Escuela de Medicina
- Dumbarton Oaks, Harvard University (2021-2022) – Academic-year residential research fellowship (Junior Fellow) in Garden and Landscape Studies

Short-Term Fellowships

- Huntington Library (Fall 2023) – Short-term library research fellowship
- Casa de Velázquez, Madrid (Summer 2021) – Short-term residential research fellowship
- FLAS Fellowship (Summer 2020) – to study Modern and Classical Nahuatl, University of Utah-IDIEZ

Professional Service

IUHPST Organizing Committee Member (2022-present)
Singleton Center for the Study of Premodern Europe, Webmaster (2023-2025)

Skills

Fluent Spanish; reading knowledge of Classical Nahuatl, Latin, and French; archival research experience and paleographical training in medieval Latin and early modern Spanish sources; working knowledge of database software (AirTable)