Marcelo Aranda

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EDUCATION

PhD **Stanford University, History, 2013**

MA **Stanford University, History, 2009**

Dissertation: "Instruments of Religion and Empire: Spanish Science in the Age of the Jesuits, 1628-1756."

- Analyzed the social and intellectual networks of seventeenth century Jesuit mathematicians, their students and patrons in Madrid and Mexico City.
- Conducted archival research in Madrid; Mexico City; Managua, Nicaragua; Huntington Library, John Carter Brown Library and Stanford Humanities Center.
- Organized panels on Early Modern Spanish Science at History of Science Society, Renaissance Society of America, and Scientae: Disciplines of Knowing in the Early-Modern World.
- Presented research at American Historical Association, Association for Spanish and Portuguese Historical Studies, CSIC-Madrid, Fondazione Cini and the Harvard Atlantic History Seminar.
- Designed and created the Early Modern Spanish Science database for the Stanford Republic of Letters project.

BA (Hons.) **University of California-Berkeley, History, 2007**

Senior Thesis: "Do and Destreza: Fencing as a Science in Early Modern Spanish and Japanese Martial Arts"

TEACHING EXPERIENCE

At North Carolina School of Science and Math - Morganton

Instructor of American Studies and Humanities - 2022-present

-Taught American Studies I and II both with a teaching partner and alone, Research Experience in Humanities seminar on Empires and Colonialism, Research in Humanities seminar, History of Science and J-Terms on Indian Partition; Magick and Witchcraft in History and Fiction; Worldbuilding in Anime and Games, World War II in Film and History, Resistance and Rebellion in Science Fiction and a travel J-Term to Japan.

-Developed digital history lessons on the Atlantic Slave Trade, Redlining and Gerrymandering to supplement traditional instructional methods in both courses.
-Introduced students to critical reading of primary and secondary sources, oral presentation, digital history, public history resources and research project management.
-Performed administrative and leadership functions for American Studies discipline while acting as American Studies Coordinator including designing curriculum, conducting faculty observations, interviewing candidates, and general problem solving.

At Quarry Lane School, Dublin, CA
History Teacher 2016-2019;
Social Science Department Chair 2019-2022
-Taught World History and World History Honors. Focused on biological, political, social and intellectual links between the pre-modern world and the twenty-first century.
-Taught US History and AP US History. Focused on the role of race, immigration and expansion in American history.
-Introduced students to critical reading of primary and secondary sources, oral presentation, digital history, public history resources and research project management.
-Performed administrative and leadership functions for a department of seven faculty members including designing curriculum, conducting faculty observations, reviewing student placement, interviewing candidates, training and general problem solving.

At Stanford University:
Lecturer, 2013-2016
- Designed and taught a seminar on the Age of Discovery: Maritime Science and Empire in the Early Modern World, Spring 2016. Focused on the relationship between science and imperial expansion in the Americas and Asia.
- Designed and taught a survey class on Colonial Latin American History, Winter, 2016. Focused on the conquest of Mexico, the development of modern ecologies, racial categories and nation-states.
- Taught SIMILE, a year-long program in the History of Science for first-year students at Stanford. 2013-2015. Introduced students to foundational writing, public speaking and time-management skills through the development of science from ancient Greece to the present.

Teaching Assistant, 2008-2010
- Designed and taught a Sources and Methods seminar for History Department undergraduates on science and empire in the Atlantic World.
- Teaching assistant for Colonial Latin America and Modern Latin America survey courses.

At California State University-East Bay, Lecturer, 2015-2016
- Designed and taught Ancient World Civilizations class for first-year students as part of Ancient World Freshman Cluster.
-Introduced students to foundational writing, public speaking and time-management skills.

LEADERSHIP AND MANAGEMENT EXPERIENCE
NCSSM Faculty Senate
Chair of Faculty Senate, 2025-2026
Morganton Campus President, 2024-2025
-Participated in redesign of NCSSM Faculty Senate Leadership to allow more representation from Morganton campus.
-Drafted revision of NCSSM Faculty Senate Bylaws.
-Organized Faculty Senate Roundtable on AI in Fall 2025.
-Represented NCSSM Faculty on Board of Trustees, Foundation Board of Directors and at UNC Faculty Assembly.
- Chair of UNC Faculty Assembly committee on AI.

Borders Books
Human Resources Manager, - San Mateo, CA 1998-2001
Cafe Manager, - Milpitas, CA 1997-1998
-Prepared work schedules for 40-60 employees (seasonal).
-Conducted hiring interviews and new employee training.
-Supervised cafes in Milpitas and San Mateo with between seven and 12 employees.

OTHER EMPLOYMENT

AP US History Exam Reader, College Board, 2020-2024
-Reader for annual AP US History Exam
Zierer Visa Service, Foreign Research Clerk, 2002-2005
-Designed database on global visa requirements for travel
-Assisted clients in securing visas for overseas travel
Sega of America, Quality Assurance Analyst, 2001
-Tested first-party software (produced by Sega of America) for bugs that needed to be addressed during game development.
Sony Computer Entertainment America, Quality Assurance Analyst, 2001
-Tested third-party software (produced by external game studios) for bugs that would prevent them from complying with Sony Computer Entertainment guidelines.

SELECTED PUBLICATIONS

"The Jesuit Roots of Spanish Naval Education: Juan José Navarro's translation of Paul Hoste for the Academia de Guardias Marinas."in *Journal of Jesuit Studies* (Feb. 2020).

"Deciphering the Ignatian Tree: The Catholic Horoscope of the Society of Jesus" in *Empires of Knowledge: Scientific Networks in the Early Modern World*. Edited by Paula Findlen (Routledge, 2018).

"World Building" in *Debugging Game History: A Critical Lexicon*. Edited by Raiford Guins and Henry Lowood. (MIT Press, 2016).

UNIVERSITY, SCHOOL AND DISCIPLINARY SERVICE

NCSSM Faculty Senate. 2023-2026
NCSSM Strategic Planning Conference participant - 2022-23, 2025-2026
NCSSM American Studies Curriculum Review, 2023-2024
NCSSM Humanities Department Mission Statement Committee - 2023
NCSSM-Morganton Model United Nations Club - faculty advisor, 2022-2025
NCSSM-Morganton American Studies Coordinator, 2022-2023
#AHR Syllabus Steering Committee, *American Historical Review,* 2022-present
Quarry Lane Diversity, Equity and Inclusion Faculty Committee, 2020-2022
Quarry Lane Model United Nations, faculty advisor, 2016-2022
Graduate Research Fellow, Humanities + Design Research Lab, 2013.
Graduate Admissions Committee, Stanford Department of History, 2011
Coordinator, Republic of Letters Workshop at Stanford Humanities Center, 2010-2011

PROFESSIONAL MEMBERSHIPS

American Historical Association

LANGUAGES

Fluent in Spanish, reading knowledge of Portuguese and Latin.

COMPUTER SKILLS

MS Office, OS X iWork, Blackboard, Canvas, Gephi, Palladio, OpenRefine, ArcGIS.

PANELS ORGANIZED

Spain in the Later Seventeenth Century I: Arts and Sciences in the Spanish World, presented at the Renaissance Society of America 2015 Annual Meeting, Berlin Germany, March 26, 2015.

Co-Organizers: Silvia Mitchell (Purdue University) and Marcelo Aranda (Stanford University)

"Sketches of New Spain" Jose Marcaida, (Universidad de Deusto)
"Artistic Knowledge and Practice after the Golden Age" Ellen Dooley, (University of Southern California)
"Jesuits as Mathematical Instrument Makers" Marcelo Aranda, (Stanford University)

Trans-Atlantic Conduits: Circulating Scientific Knowledge in Early Modern Empires presented at the History of Science Society 2014 Annual Meeting, Chicago IL, Nov. 6, 2014.

Chair and Commentator: Jordan Kellmann, University of Louisiana - Lafayette
Organizer: Marcelo Aranda, Stanford University

"Translating Empiricism: Spanish Books, Protestant English Translations, and the Invisible Early Modern Science of the Atlantic World," Antonio Barrera-Osorio (Colgate University)
"Fruit of the Ignatian Tree: Jesuits and their Students in the Circulation of Mathematical Knowledge in the late Seventeenth Century Spanish Empire," Marcelo Aranda (Stanford University)
"A Global Laboratory: Studies of Pandemic Diseases in the 1800s," Julia Mansfield, Stanford University

Global and Local Knowledges in Seventeenth Century Spanish Science presented at Scientae 2013: Disciplines of Knowing in the Early-Modern World, University of Warwick, UK, April 18, 2013.

Chair: Rebecca Earle
Panel session convened by Marcelo Aranda
"Cities of Science in the Spanish Empire: Madrid, Valencia, Mexico City and Cadiz, 1600-1810"
Marcelo Aranda (Stanford University),

"Restricted sources for a global natural history: Nieremberg and the materials of the Hernández expedition" José Ramon Marcaida Lopez (University of Cambridge), "One sees manifestly that the ancients were poorly informed about this and many other things": Filippo Sassetti, India, and Natural History, 1583-1588" Brian Brege (Stanford University).

ACADEMIC PAPERS AND PRESENTATIONS

"Archimedes among the Duelists: Mathematics, Morality and the Verdadera Destrza in Seventeenth Century Spain." presented at the Association for Spanish and Portuguese Historical Studies Annual Meeting, San Diego, CA March 19, 2016.

"Best Practices for Using Digital History to study Early Modern Networks" presented at the History of Science Society 2015 Annual Meeting, San Francisco, CA November 20, 2015.

"The Habits of a Highly Effective Jesuit: Scientific Patronage and Success at the Court of Charles II of Spain," presented at Renaissance Society of America 2014 Annual Meeting, New York, NY, March 27, 2014.

"Instruments and Intrigue: Scientific Patronage and Collection at the Court of Carlos II of Spain," presented at the American Historical Association 2014 Annual Meeting, Washington DC, January 3, 2014.

"Digital Methods for the History of Spanish Science," presented at the Centro de Ciencias Humanas y Sociales, Consejo Superior de Investigaciones Cientificas, Madrid, Spain, April 30th, 2013 and Foundations of Modernity Workshop, Ludwig Maximillian University, Munich Germany, May 2, 2013.

"Illustrated Naval Reform: Juan José Navarro and Nautical Science in the Early Spanish Enlightenment," presented at the History of Science Society 2012 Annual Meeting, San Diego, CA, November 16, 2012.

"Gifts, Bequests, and Instruments of Credit: the Culture of Mathematical Instruments in late Seventeenth-Century Madrid and Mexico City," presented at Machina-Medium-Apparatus: Invención, fantasia e instrumentalización en la Nueva España conference, Universidad Iberoamericana, Mexico City, January 20, 2012.

"Manuscript Piracy: Circulating Natural Knowledge in the Spanish Atlantic, 1675-1745," presented at the John Carter Brown Library, Providence, RI, November 2, 2011.

"Three Perspectives on Science in the Spanish Empire: Imperial, Regional and Local" presented at the Republic of Letters conference, Fondazione Cini, Venice, March 17, 2011.

"Some Last Words on Local Networks and Transatlantic Science: An Analysis of the Last Will and Testament of Carlos de Sigüenza y Góngora," presented at the Republic of Letters Workshop, Stanford Humanities Center, Stanford, CA, November 2, 2010.

"Comets, Conquests and Bequests: The Instrumentalism of Carlos de Sigüenza y Góngora," presented at the 2009 International Seminar on the History of the Atlantic World, 1500-1825, Harvard University, Cambridge MA, August 5, 2009.

Marcelo Aranda, et. al. "The Manuscript Map as a Source for GIS: Plan of the Archdiocese of Mexico, c. 1770," presented at the 2008 Spatial History Project presentations, Stanford, CA December 2, 2008.

"Do and Destreza: Fencing as a Science in Early Modern Spanish and Japanese Martial Arts," presented at Science Studies Graduate Student Writing Workshop, Stanford, CA, October 25, 2007.