

Working Bibliography for a Graduate Seminar Titled “The Science of Empire,” offered at Penn State University by Carla Mulford, English Department

Scholarly Monographs

Albanese, Denise. *New Science, New World, 1570-1670*. Durham, NC: Duke University Press, 1996.

Barrera-Osorio, Antonio. *Experiencing: The Spanish American Empire and the Early Scientific Revolution*. Austin: University of Texas Press, 2006.

Bauer, Ralph. *The Cultural Geography of Colonial American Literatures: Empire, Travel, Modernity*. Cambridge: Cambridge University Press, 2003.

Bleichmar, Daniela. *Visible Empire: Botanical Expeditions and Visual Culture in the Spanish Enlightenment*. Chicago: University of Chicago Press, 2012.

Burnett, D. Graham. *Trying Leviathan: The Nineteenth-Century New York Court Case That Put the Whale on Trial and Challenged the Order of Nature*. Princeton, NJ: Princeton University Press, 2010.

Campbell, Mary Baine. *Wonder and Science: Imagining Worlds in Early Modern Europe*. Ithaca, NY: Cornell University Press, 2004.

Cañizares-Esguerra, Jorge. *How to Write the History of the New World: Histories, Epistemologies, and Identities in the Eighteenth-Century Atlantic World*. Stanford: Stanford University Press, 2001.

Cañizares-Esguerra, Jorge. *Nature, Empire, and Nation: Explorations of the History of Science in the Iberian World*. Stanford: Stanford University Press, 2006.

Chaplin, Joyce. *Subject Matter: Technology, the Body, and Science on the Anglo-American Frontier, 1500-1676*. Cambridge, MA: Harvard University Press, 2003.

Cook, Harold. *Matters of Exchange: Medicine and Science in the Dutch Golden Age*. New Haven, CT: Yale University Press, 2008.

Daston, Lorraine, and Katherine Park. *Wonders and the Order of Nature, 1150-1750*. New York: Zone, 1998.

Delbourgo, James. *A Most Amazing Scene of Wonders: Electricity and Enlightenment in Early America*. Cambridge, MA: Harvard University Press, 2006.

Dew, Nicholas. *Orientalism in Louis XIV's France*. Oxford and NY: Oxford University Press, 2009.

Drayton, Richard. *Nature's Government: Science, Imperial Britain, and the 'Improvement' of the World*. New Haven, CT: Yale University Press, 2000.

Dugatkin, Lee Alan. *Mr. Jefferson and the Giant Moose: Natural History in Early America*. Chicago: University of Chicago Press, 2009.

Eamon, William. *Science and the Secrets of Nature: Books of Secrets in Medieval and Early Modern Culture*. Princeton: Princeton University Press, 1994.

Ewalt, Margaret. *Peripheral Wonders: Nature, Knowledge, and Enlightenment in the Eighteenth-century Orinoco*. Lewisburg, PA: Bucknell University Press, 2008.

Fabian, Ann. *The Skull Collectors: Race, Science, and America's Unburied Dead*. Chicago: University of Chicago Press, 2010.

Frisch, Andrea. *The Invention of the Eyewitness: Witnessing and Testimony in Early Modern France*. Chapel Hill, NC: UNC Dept. of Romance Languages, Distributed by University of North Carolina Press, 2004.

Gronim, Sara S. *Everyday Nature: Knowledge of the Natural World in Colonial New York*. Newark, NJ: Rutgers University Press, 2009.

Harrison, Mark. *Medicine in an Age of Commerce and Empire: Britain and its Tropical Colonies, 1660-1830*. Oxford and New York: Oxford University Press, 2010.

Iannini, Christopher. *Fatal Revolutions: Natural History, West Indian Slavery, and the Routes of American Literature*. Chapel Hill, NC: UNC Press, 2012.

Jardine, Lisa. *Francis Bacon: Discovery and the Art of Discourse*. Cambridge: Cambridge University Press, 1975.

Jardine, Lisa. *Ingenious Pursuits: Building the Scientific Revolution*. 1999; NY: Anchor, 2000.

Johns, Adrian. *The Nature of the Book*. Chicago: University of Chicago Press, 1998.

Lestringant, Frank. *Mapping the Renaissance World: the Geographic Imagination in the Age of Discovery*. Berkeley: University of California Press, 1994.

Lewis, Andrew J. *A Democracy of Facts: Natural History in the Early Republic*. Philadelphia: University of Pennsylvania Press, 2011.

McClellan III, James E. *Colonialism and Science: St. Domingue and the Old Regime*. 1994; Chicago: University of Chicago Press, 2010.

- Newman, William Royall. *Gehennical Fire: The Lives of George Starkey, and American Alchemist in the Scientific Revolution*. Chicago: University of Chicago Press, 2003.
- Norton, Marcy. *Sacred Gifts, Profane Pleasures: A History of Tobacco and Chocolate in the Atlantic World*. Ithaca, NY: Cornell University Press, 2008.
- Padron, Ricardo. *The Spacious Word: Cartography, Literature, and Empire in Early Modern Spain*. Chicago: University of Chicago Press, 2004.
- Parrish, Susan Scott. *American Curiosity: Cultures of Natural History in the Colonial British Atlantic World*. Chapel Hill, NC: University of North Carolina Press, 2006.
- Portuondo, María M. *Secret Science: Spanish Cosmography and the New World*. Chicago: University of Chicago Press, 2009.
- Prieto, Andrés I. *Missionary Scientists: Jesuit Science in Spanish South America, 1570-1810*. Nashville, TN: Vanderbilt University Press, 2011.
- Rivett, Sarah. *The Science of the Soul in Colonial New England*. Chapel Hill: University of North Carolina Press, 2011.
- Safier, Neil. *Measuring the New World: Enlightenment Science and South America*. Chicago: University of Chicago Press, 2008.
- Schiebinger, Londa. *Plants and Empire: Colonial Bioprospecting in the Atlantic World*. Cambridge: Harvard University Press, 2004.
- Sellers, Charles Coleman. *Mr. Peale's Museum: Charles Willson Peale and the First Popular Museum of Natural Science and Art*. New York: W. W. Norton & Company, 1980.
- Semonin, Paul. *American Monster: How the Nation's First Prehistoric Creature Became a Symbol of National Identity*. New York: New York University Press, 2000.
- Shteir, Ann B. *Cultivating Women, Cultivating Science: Flora's Daughters and Botany in England, 1760 to 1860*. Baltimore, MD: Johns Hopkins University Press, 1999.
- Walls, Laura Dassow. *The Passage to Cosmos: Alexander von Humboldt and the Shaping of America*. Chicago: University of Chicago Press, 2009.
- Wey-Gómez, Nicolás. *The Tropics of Empire: Why Columbus Sailed South to the Indies*. Cambridge, MA: MIT Press, 2008.
- Williams, Tony. *The Pox and the Covenant: Mather, Franklin, and the Epidemic that Changed America's Destiny*. Naperville, IL: Sourcebooks, 2010.

Woodward, Walter William. *Prospero's America: John Winthrop, Jr., Alchemy, and the Creation of New England Culture, 1606-1676*. Chapel Hill: University of North Carolina Press, 2010.

Edited Collections of Essays

Bleichmar, Daniela, Paula De Vos, Kristin Huffine, and Kevin Sheehan, eds. *Science in the Spanish and Portuguese Empires, 1500-1800*. Stanford, CA: Stanford University Press, 2009.

Debus, Allen G., and Michael Thomas Walton, eds. *Reading the Book of Nature: The Other Side of the Scientific Revolution*. Kirksville, MO: Truman State University Press, 1998.

Delbourgo, James, and Nicholas Dew, eds. *Science and Empire in the Atlantic World*. London: Routledge, 2008.

Feingold, Mordechai, and Victor Navarro-Brotóns, eds. *Universities and Science in the Early Modern Period*. Dordrecht, The Netherlands: Springer, 2010.

Fleming, James Dougal, ed. *The Invention of Discovery, 1500-1700*. Farnham, Surrey, England, and Burlington, VT: Ashgate, 2011.

Ford, Lisa L., and Amy R. W. Meyers, eds. *Knowing Nature: Art and Science in Philadelphia, 1740-1840*. New Haven, CT: Yale University Press, 2012.

Grafton, Anthony, and William R. Newman, eds. *The Secrets of Nature: Astrology and Alchemy in Early Modern Europe*. Cambridge, MA: MIT Press, 2001.

Jardine, N., J. A. Secord, and E. C. Spary, eds. *Cultures of Natural History*. Cambridge: Cambridge University Press, 1996.

Lamb, Ursula, ed. *The Globe Encircled and the World Revealed*. Aldershot, Hampshire, England, and Brookfield, VT: Variorum, 1995.

Petitjean, Patrick, Catherine Jami, and Anne Marie Moulin, eds. *Science and Empires: Historical Studies about Scientific Development and European Expansion*. Dordrecht, Netherlands: Kluwer Academic, 1992.

Schiebinger, Londa, and C. Swan, eds. *Colonial Botany: Science, Commerce, and Politics in the Early Modern World*. Philadelphia, PA: University of Pennsylvania Press, 2007.

Smith, Pamela, and Paula Findlen, eds. *Merchants and Marvels: Commerce, Science, and Art in Early Modern Europe*. New York: Routledge, 2002.

Suggested readings in primary sources originally in English

Ligon's History of Barbados

almanacs

Philosophical Transactions of the Royal Society for colonial material.

Hariot;

Sir Hans Sloane;

Catesby;

Gulliver's Travels;

Byrd

Beverley;

John Bartram's correspondence with Peter Collinson;

Jane Colden's letters and drawings;

some of Wheatley's poems;

Jefferson's Notes;

William Bartram's materials with U Georgia P.

Thomas Burnet's Cartesian SACRED THEORY OF THE EARTH (1692),

Cotton Mather's CHRISTIAN PHILOSOPHER, (1720/21),

Ethan Allen (Thomas Young) REASON THE ONLY ORACLE OF MANKIND (1786)

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