

HPSCGA22: Early modern science

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Azzolini, Monica. *The Duke and the Stars: Astrology and Politics in Renaissance Milan*. Cambridge, Mass: Harvard University Press, 2013. Print.

Bacon, Francis and R. H. *New Atlantis*. London: Printed for John Crooke, 1660. Web.
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:206416.

Bartlett, Robert. *The Natural and the Supernatural in the Middle Ages: The Wiles Lecture given at the Queen's University of Belfast, 2006. The Wiles lectures*. Cambridge: Cambridge University Press, 2008. Print.

Bennett, Jim. 'Presidential Address: Knowing and Doing in the Sixteenth Century: What Were Instruments For?' *The British Journal for the History of Science* 36.2 129-150. Print.
Biagioli, Mario. *Galileo, Courtier: The Practice of Science in the Culture of Absolutism. Science and its conceptual foundations*. Chicago: University of Chicago Press, 1993. Print.

---. 'Galileo's System of Patronage'. *History of Science* 28 (1990): 1-62. Print.

Boyle, Robert. *New Experiments Physico-Mechanical, Touching the Air*. The third edition : whereunto is added a defence of the author's explication of the experiments, against the objections of Franciscus Linus and, Thomas Hobbs. [London: Printed by Miles Flesher for Richard Davis, bookseller in Oxford, 1682. Web.
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:93491.

Cottingham, John, ed. *The Cambridge Companion to Descartes*. Cambridge Companions to Philosophy. Cambridge: Cambridge University Press, 1992. Web.
<http://dx.doi.org/10.1017/CCOL0521366232>.

Crosland, M. 'Chemistry and the Chemical Revolution'. *The Ferment of Knowledge: Studies in the Historiography of Eighteenth-Century Science*. Cambridge: Cambridge University Press, 1980. 389-416. Print.

Cunningham, Andrew. *The Anatomical Renaissance: The Resurrection of the Anatomical Projects of the Ancients*. Aldershot: Scolar, 1997. Print.

Daston, Lorraine. 'Curiosity in Early Modern Science'. *Word & Image* 11.4 (1995): 391-404. Web.

David Kubrin. 'Newton and the Cyclical Cosmos: Providence and the Mechanical

Philosophy'. *Journal of the History of Ideas* 28.3 325–346. Print.

David Philip Miller. 'The Usefulness of Natural Philosophy: The Royal Society and the Culture of Practical Utility in the Later Eighteenth Century'. *The British Journal for the History of Science* 32.2 (1999): 185–201. Web.

<<http://www.jstor.org/stable/4028083?&Search=yes&searchText=usefulness&searchText=utility&searchText=philosophy&searchText=david&searchText=natural&searchText=miller&list=hide&searchUri=%252Faction%252FdoBasicSearch%253FQuery%253Ddavid%252Bmiller%252Busefulness%252Bnatural%252Bphilosophy%252Butility%2526Search%253DSearch%2526gw%253Djtx%2526prq%253Ddavid%252Bmiller%252Busefulness%252Bnatural%252Bphilosophy%2526hp%253D25%2526acc%253Don%2526aori%253Da%2526wc%253Don%2526fc%253Doff&prevSearch=&item=2&ttl=1739&returnArticleService=showFullText>>.

Dear, Peter. 'Chapter 2 - Humanism and Ancient Wisdom: How to Learn Things in the Sixteenth Century'. *Revolutionizing the Sciences: European Knowledge and Its Ambitions, 1500-1700*. Basingstoke: Palgrave, 2001. 30–48. Print.

Debus, Allen G. *Man and Nature in the Renaissance*. Cambridge history of science. Cambridge: Cambridge University Press, 1978. Print.

Delbourgo, James. 'Sir Hans Sloane's Milk Chocolate and the Whole History of Cacao'. N.p., n.d. Print.

Dobbs, B. J. T. 'Newton's Alchemy and His Theory of Matter'. *Isis* 73.4 511–528. Print.

Euler, Leonhard. *Letters of Euler to a German Princess, on Different Subjects in Physics and Philosophy*. Translated from the French by Henry Hunter, D.D. With Original Notes, and a Glossary of Foreign and Scientific Terms. In Two Volumes. London: printed for the translator, and for H. Murray, 1795. Web.

<http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T100446&tiPG=1&dd=0&dc=flc&docNum=CW109865269&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=OLRM&locID=ucl_ttda>.

Fara, Patricia. "Marginalized Practices". N.p., 2008. Print.

---. *Newton: The Making of a Genius*. London: Macmillan, 2002. Print.

Fara, Patricia. *Sex, Botany & Empire: The Story of Carl Linnaeus and Joseph Banks. Revolutions in science*. New York: Columbia University Press, 2003. Print.

Fauvel, John. *Let Newton Be!* Oxford: Oxford University Press, 1988. Print.

Ferngren, Gary B. *Science and Religion: A Historical Introduction*. Baltimore, Md: Johns Hopkins University Press, 2002. Print.

Findlen, Paula. 'Science as a Career in Enlightenment Italy: The Strategies of Laura Bassi'. *Isis* 84.3 441–469. Print.

Foucault, Michel. *The Order of Things: An Archaeology of the Human Sciences*. Routledge classics. London: Routledge, 2002. Web.

<<http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780203996645>>.

Galilei, Galileo, and Albert Van Helden. *Sidereus Nuncius: Or, The Sidereal Messenger*. Chicago: University of Chicago Press, 1989. Print.

Gaukroger, Stephen. *Descartes: An Intellectual Biography*. Oxford: Oxford University Press, 1995. Web. <<http://dx.doi.org/10.1093/0198237243.001.0001>>.

---. Francis Bacon and the Transformation of Early-Modern Philosophy. Cambridge, U.K.: Cambridge University Press, 2001. Print.

Golinski, Jan. "Chemistry". N.p., 2008. Print.

---. *Science as Public Culture: Chemistry and Enlightenment in Britain, 1760-1820*. Cambridge: Cambridge University Press, 1992. Print.

Grant, Edward. *A Source Book in Medieval Science. Source books in the history of the sciences*. Cambridge, MA: Harvard University Press, 1974. Print.

---. *Physical Science in the Middle Ages. History of science*. Cambridge: Cambridge University Press, 1977. Print.

Hankins, Thomas L. and Silverman, Robert J. *Instruments and the Imagination*. Princeton, N.J: Princeton University Press, 1995. Print.

Heilbron, J. L. 'The Case of Electricity'. *Elements of Early Modern Physics*. Berkeley: University of California Press, 1982. 159-240. Print.

Hooke, Robert. *Micrographia: Or Some Physiological Descriptions of Minute Bodies Made by Magnifying Glasses: With Observations and Inquiries Thereupon*. By R. Hooke, Fellow of the Royal Society. London: printed for John Martyn, printer to the Royal Society, and are to be sold at his shop at the Bell a little without Temple Barr. Web. <http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397>.

Illiffe, Rob. *Newton: A Very Short Introduction*. Very short introductions. Oxford: Oxford University Press, 2007. Print.

---. "Science and Voyages of Discovery". N.p., 2008. Print.

Jacob, Margaret C., and Larry Stewart. *Practical Matter: Newton's Science in the Service of Industry and Empire, 1687-1851*. New histories of science, technology, and medicine. Cambridge, Mass: Harvard University Press, 2004. Print.

Kibre, P., and N. G. Siraisi. 'The Institutional Setting: The Universities'. *Science in the Middle Ages. The Chicago history of science and medicine*. Chicago: University of Chicago Press, 1978. 120-144. Print.

Kieckhefer, Richard. *Magic in the Middle Ages*. 2nd ed. Canto Classics. Cambridge: Cambridge University Press, 2014. Web. <<http://dx.doi.org/10.1017/CBO9781139923484>>.

Koyré, Alexandre. *Newtonian Studies*. London: Chapman & Hall, 1965. Print.

Kraye, Jill, ed. *The Cambridge Companion to Renaissance Humanism*. Cambridge Companions to Literature. Cambridge: Cambridge University Press, 1996. Web. <<http://dx.doi.org/10.1017/CCOL0521430380>>.

Kristeller, Paul Oskar. *Renaissance Thought: The Classic, Scholastic, and Humanistic Strains*. A rev. and enl. ed. of "The classics and Renaissance thought.". Harper torchbooks, TB1048. The Academy library. New York: Harper, 1961. Print.

Lavoisier, Antoine Laurent. *Elements of Chemistry: In a New Systematic Order*. Edinburgh: printed for William Creech, and sold in London by G. G. and J. J. Robinsons, 1790. Web. <http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T13882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=OLRM&locID=ucl_ttda>.

Lindberg, David C. *The Beginnings of Western Science: The European Scientific Tradition in Philosophical, Religious, and Institutional Context, Prehistory to A.D. 1450*. 2nd ed. Chicago: University of Chicago Press, 2007. Print.

Lynn, Michael. *Popular Science and Public Opinion in Eighteenth-Century France*. Studies in early modern European history. Manchester: Manchester University Press, 2006. Print.

Martin, Julian. *Francis Bacon, the State and the Reform of Natural Philosophy*. Cambridge: Cambridge University Press, 1991. Web. <<http://dx.doi.org/10.1017/CBO9780511553158>>.

Merchant, Carolyn. *The Death of Nature: Women, Ecology, and the Scientific Revolution*. New York: HarperCollins, 1989. Print.

Mokyr, Joel. 'The Intellectual Origins of Modern Economic Growth'. *The Journal of Economic History* 65.2 285–351. Print.

Moran, Bruce. "Courts and Academies". Cambridge University Press, 2008. Print.

Musson, A. E., and Eric Robinson. *Science and Technology in the Industrial Revolution*. Manchester: Manchester U.P, 1969. Print.

Newton, Isaac, I. Bernard Cohen, and Richard S. Westfall. *Newton: Texts, Backgrounds, Commentaries*. 1st ed. A Norton critical edition. New York, NY: W.W. Norton, 1995. Print.

Outram, Dorinda. *The Enlightenment*. 3rd ed. New approaches to European history. Cambridge: Cambridge University Press, 2013. Print.

Pamela H. Smith. 'Alchemy as a Language of Mediation at the Habsburg Court'. *Isis* 85.1 (1994): 1–25. Web. <<http://www.jstor.org/stable/235894>>.

---. "Laboratories". Cambridge University Press, 2008. Print.

Paula Findlen. 'Jokes of Nature and Jokes of Knowledge: The Playfulness of Scientific Discourse in Early Modern Europe'. *Renaissance Quarterly* 43.2 (1990): 292–331. Web.

Porta, Giambattista della. *Natural Magick*. London: printed for John Wright next to the sign of the Globe in Little-Britain, 1669. Web.
 <http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:34014>.

Priestley, Joseph. *Experiments and Observations on Different Kinds of Air: Vol. II*. By Joseph Priestley. The second edition. London: printed for J. Johnson, 1776. Web.
 <http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T033836&tiPG=1&dd=0&dc=flc&docNum=CW109001842&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=OLRM&locID=ucl_ttda>.

Raj, Kapil. *Relocating Modern Science: Circulation and the Construction of Scientific Knowledge in South Asia and Europe, Seventeenth to Nineteenth Centuries*. Basingstoke: Palgrave Macmillan, 2007. Print.

Review by: Deborah Jean Warner. 'What Is a Scientific Instrument, When Did It Become One, and Why?' *The British Journal for the History of Science* 23.1 83–93. Print.

Roberts, Lissa. 'The Death of the Sensuous Chemist: The "New" Chemistry and the Transformation of Sensuous Technology'. *Studies In History and Philosophy of Science Part A* 26.4 (1995): 503–529. Web.

Safier, Neil. *Measuring the New World: Enlightenment Science and South America*. Chicago: University of Chicago Press, 2008. Print.

Schaffer, Simon. 'Natural Philosophy and Public Spectacle in the Eighteenth Century'. *History of Science* 21.1 (1983): 1–43. Web.

Schaffer, Simon. *The Brokered World: Go-Betweens and Global Intelligence, 1770–1820*. Uppsala studies in history of science. Sagamore Beach, Mass: Science History Publications, 2009. Print.

Schiebinger, Londa. "'The Philosopher's Beard: Women and Gender in Science'". N.p., 2008. Print.

Shank, Michael H. 'That the Medieval Christian Church Suppressed the Growth of Science'. *Galileo Goes to Jail, and Other Myths about Science and Religion*. Cambridge, Mass: Harvard University Press, 2009. 19–27. Web.
 <<https://contentstore.cla.co.uk/secure/link?id=d06b7ffe-8303-e911-80cd-005056af4099>>.

Shea, William R. *The Magic of Numbers and Motion: The Scientific Career of René Descartes*. 1st ed. Canton, MA: Science History Publications, 1991. Print.

Sivasundaram, Sujit. 'Sciences and the Global: On Methods, Questions, and Theory'. *Isis* 101.1 (2010): 146–158. Web.

Smith, Pamela H. *The Body of the Artisan: Art and Experience in the Scientific Revolution*. Chicago: University of Chicago Press, 2004. Web. <<http://hdl.handle.net/2027/heb.06680>>.

Steven Shapin. 'The House of Experiment in Seventeenth-Century England'. *Isis* 79.3

(1988): 373–404. Web. <<http://www.jstor.org/stable/234672>>.

Stewart, Larry. ““Global Pillage””. N.p., 2008. Print.

Stewart, Larry. ‘Public Lectures and Private Patronage in Newtonian England’. *Isis* 77.1 47–58. Print.

Sutton, Geoffrey V. *Science for a Polite Society: Gender, Culture, and the Demonstration of Enlightenment*. Boulder, Colo: Westview Press, 1995. Print.

Van Helden, Albert. ‘The Telescope in the Seventeenth Century’. *Isis* 65.1 38–58. Print.

Werrett, Simon. ‘Chapter 2: Philosophies of Fire: Pyrotechny as Alchemy, Magic and Mechanics’. *Fireworks: Pyrotechnic Arts and Sciences in European History*. Chicago: University of Chicago Press, 2010. 47–72. Web.
<<https://contentstore.cla.co.uk/secure/link?id=b2058382-3929-e811-80cd-005056af4099>>

---. ‘Wonders Never Cease: Descartes’s “Météores” and the Rainbow Fountain’. *The British Journal for the History of Science* Vol. 34.No. 2 129–147. Print.

Westfall, Richard S. *Never at Rest: A Biography of Isaac Newton*. Cambridge: Cambridge University Press, 1981. Web. <<http://dx.doi.org/10.1017/CBO9781107340664>>.

Westman, Robert S. *The Copernican Question: Prognostication, Skepticism, and Celestial Order*. Berkeley: University of California Press, 2011. Web.
<<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780520948167>>.

Wilson, Catherine. ‘Visual Surface and Visual Symbol: The Microscope and the Occult in Early Modern Science’. *Journal of the History of Ideas* 49.1 85–108. Print.