

HPSCGA22: Early modern science

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1.

Findlen P. Jokes of Nature and Jokes of Knowledge: The Playfulness of Scientific Discourse in Early Modern Europe. *Renaissance Quarterly*. 1990 Jul;43(2):292–331.

2.

Porta G della. *Natural Magick* [Internet]. London: printed for John Wright next to the sign of the Globe in Little-Britain; 1658. Available from:

http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:34014

3.

Biagioli M. Galileo's System of Patronage. *History of Science. Astrophysics Data System (ADS)*; 1990;28:1–62.

4.

Galileo Galilei. *The Sidereal Messenger (Excerpts)* [Internet]. 1610. Available from: https://en.wikisource.org/wiki/The_Sidereal_Messenger

5.

Werrett, Simon. Wonders Never Cease: Descartes's 'Météores' and the Rainbow Fountain. *The British Journal for the History of Science*. Cambridge University Press; Vol. 34(No. 2):129–147.

6.

Steven Shapin. The House of Experiment in Seventeenth-Century England. Isis [Internet]. The University of Chicago Press; 1988;79(3):373–404. Available from: <http://www.jstor.org/stable/234672>

7.

Hooke R. Micrographia: or Some physiological descriptions of minute bodies [Internet]. 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; 1667. Available from: http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397

8.

David Kubrin. Newton and the Cyclical Cosmos: Providence and the Mechanical Philosophy. Journal of the History of Ideas. University of Pennsylvania Press; 28(3):325–346.

9.

Isaac Newton, 'General Scholium' [Internet]. Available from: <https://isaac-newton.org/general-scholium/>

10.

Schaffer S. Natural Philosophy and Public Spectacle in the Eighteenth Century. History of Science. 1983 Mar;21(1):1–43.

11.

Iliffe R. "Science and Voyages of Discovery". 2008.

12.

Banks explores Australia - The Endeavour Journal of Sir Joseph Banks [Internet]. Available from: <http://gutenberg.net.au/ebooks05/0501141h.html#may1769>

13.

Roberts L. The death of the sensuous chemist: The 'new' chemistry and the transformation of sensuous technology. *Studies In History and Philosophy of Science Part A*. 1995 Dec;26(4):503–529.

14.

Lavoisier AL. *Elements of chemistry: in a new systematic order* [Internet]. Edinburgh: printed for William Creech, and sold in London by G. G. and J. J. Robinsons; 1790. Available from: http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda

15.

Grant E. *Physical science in the Middle Ages*. Cambridge: Cambridge University Press; 1977.

16.

Grant E. *A Source book in Medieval Science*. Cambridge, MA: Harvard University Press; 1974.

17.

Lindberg DC. *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.

18.

Bartlett R. *The natural and the supernatural in the Middle Ages: the Wiles lecture given at the Queen's University of Belfast, 2006*. Cambridge: Cambridge University Press; 2008.

19.

Kieckhefer R. *Magic in the Middle Ages* [Internet]. 2nd ed. Cambridge: Cambridge University Press; 2014. Available from: <http://dx.doi.org/10.1017/CBO9781139923484>

20.

Ferngren GB. Science and religion: a historical introduction. Baltimore, Md: Johns Hopkins University Press; 2002.

21.

Westman, Robert S. The Copernican question: prognostication, skepticism, and celestial order [Internet]. Berkeley: University of California Press; 2011. Available from: <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>

22.

Cunningham A. The anatomical renaissance: the resurrection of the anatomical projects of the ancients. Aldershot: Scolar; 1997.

23.

Kraye J, editor. The Cambridge Companion to Renaissance Humanism [Internet]. Cambridge: Cambridge University Press; 1996. Available from: <http://dx.doi.org/10.1017/CCOL0521430380>

24.

Kristeller PO. Renaissance thought: the classic, scholastic, and humanistic strains. A rev. and enl. ed. of "The classics and Renaissance thought.". New York: Harper; 1961.

25.

Debus AG. Man and nature in the Renaissance. Cambridge: Cambridge University Press; 1978.

26.

Foucault, Michel. The order of things: an archaeology of the human sciences [Internet]. London: Routledge; 2002. Available from:

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

27.

Dear P. 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. p. 30-48.

28.

Porta G della. *Natural Magick* [Internet]. London: printed for John Wright next to the sign of the Globe in Little-Britain; 1669. Available from:
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:34014

29.

Galilei G, Van Helden A. *Sidereus nuncius: or, The Sidereal messenger*. Chicago: University of Chicago Press; 1989.

30.

Moran, Bruce. 'Courts and Academies'. Cambridge: Cambridge University Press; 2008.

31.

Daston L. Curiosity in early modern science. *Word & Image*. 1995 Oct;11(4):391-404.

32.

Pamela H. Smith. Alchemy as a Language of Mediation at the Habsburg Court. *Isis* [Internet]. The University of Chicago Press; 1994;85(1):1-25. Available from:
<http://www.jstor.org/stable/235894>

33.

Azzolini M. *The duke and the stars: astrology and politics in Renaissance Milan*. Cambridge, Mass: Harvard University Press; 2013.

34.

Biagioli M. Galileo, courtier: the practice of science in the culture of absolutism. Chicago: University of Chicago Press; 1993.

35.

Werrett, Simon. Chapter 2: Philosophies of fire: pyrotechny as alchemy, magic and mechanics. Fireworks: pyrotechnic arts and sciences in European history [Internet]. Chicago: University of Chicago Press; 2010. p. 47-72. Available from: <https://contentstore.cla.co.uk/secure/link?id=b2058382-3929-e811-80cd-005056af4099>

36.

Smith PH. The body of the artisan: art and experience in the scientific revolution [Internet]. Chicago: University of Chicago Press; 2004. Available from: <http://hdl.handle.net/2027/heb.06680>

37.

Gaukroger S. Descartes: an intellectual biography [Internet]. Oxford: Oxford University Press; 1995. Available from: <http://dx.doi.org/10.1093/0198237243.001.0001>

38.

Merchant C. The death of nature: women, ecology, and the scientific revolution. New York: HarperCollins; 1989.

39.

Shea WR. The magic of numbers and motion: the scientific career of René Descartes. 1st ed. Canton, MA: Science History Publications; 1991.

40.

Bacon F, R. H. New Atlantis [Internet]. London: Printed for John Crooke; 1660. Available from:

http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:206416

41.

Martin J. Francis Bacon, the State and the Reform of Natural Philosophy [Internet]. Cambridge: Cambridge University Press; 1991. Available from: <http://dx.doi.org/10.1017/CBO9780511553158>

42.

Gaukroger S. Francis Bacon and the transformation of early-modern philosophy. Cambridge, U.K.: Cambridge University Press; 2001.

43.

Cottingham J, editor. The Cambridge Companion to Descartes [Internet]. Cambridge: Cambridge University Press; 1992. Available from: <http://dx.doi.org/10.1017/CCOL0521366232>

44.

Hooke R. 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 [Internet]. 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; Available from: http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397

45.

Wilson, Catherine. Visual Surface and Visual Symbol: The Microscope and the Occult in Early Modern Science. *Journal of the History of Ideas*. University of Pennsylvania Press; 49(1):85–108.

46.

Boyle R. New experiments physico-mechanical, touching the air [Internet]. 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. Available from:
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:93491

47.

Van Helden, Albert. *The Telescope in the Seventeenth Century*. Isis. The University of Chicago Press; 65(1):38–58.

48.

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*. Cambridge University Press; 23(1):83–93.

49.

Bennett, Jim. *Presidential Address: Knowing and Doing in the Sixteenth Century: What Were Instruments For?* *The British Journal for the History of Science*. Cambridge University Press; 36(2):129–150.

50.

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

51.

Pamela H. Smith. *'Laboratories'*. Cambridge: Cambridge University Press; 2008.

52.

Newton I, Cohen IB, Westfall RS. *Newton: texts, backgrounds, commentaries*. 1st ed. New York, NY: W.W. Norton; 1995.

53.

Dobbs, B. J. T. *Newton's Alchemy and His Theory of Matter*. Isis. The University of Chicago

Press; 73(4):511–528.

54.

Fauvel J. Let Newton be! Oxford: Oxford University Press; 1988.

55.

Fara P. Newton: the making of a genius. London: Macmillan; 2002.

56.

Iliffe R. Newton: a very short introduction. Oxford: Oxford University Press; 2007.

57.

Koyré, Alexandre. Newtonian studies. London: Chapman & Hall; 1965.

58.

Westfall RS. Never at Rest: A Biography of Isaac Newton [Internet]. Cambridge: Cambridge University Press; 1981. Available from: <http://dx.doi.org/10.1017/CBO9781107340664>

59.

Heilbron, J. L. The case of electricity. Elements of early modern physics. Berkeley: University of California Press; 1982. p. 159–240.

60.

Stewart, Larry. Public Lectures and Private Patronage in Newtonian England. Isis. The University of Chicago Press; 77(1):47–58.

61.

Schiebinger L. 'The Philosopher's Beard: Women and Gender in Science'. 2008.

62.

Euler L. 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 [Internet]. London: printed for the translator, and for H. Murray; 1795. Available from:
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=0LRM&locID=ucl_ttda

63.

Fara P. 'Marginalized Practices'. 2008.

64.

Outram, Dorinda. The Enlightenment. 3rd ed. Cambridge: Cambridge University Press; 2013.

65.

Findlen, Paula. Science as a Career in Enlightenment Italy: The Strategies of Laura Bassi. *Isis*. The University of Chicago Press; 84(3):441-469.

66.

Sutton GV. Science for a polite society: gender, culture, and the demonstration of enlightenment. Boulder, Colo: Westview Press; 1995.

67.

Lynn M. Popular science and public opinion in eighteenth-century France. Manchester: Manchester University Press; 2006.

68.

Sivasundaram S. Sciences and the Global: On Methods, Questions, and Theory. *Isis*. 2010;101(1):146-158.

69.

Stewart L. 'Global Pillage'. 2008.

70.

Delbourgo J. Sir Hans Sloane's Milk Chocolate and the Whole History of Cacao.

71.

Raj K. Relocating modern science: circulation and the construction of scientific knowledge in South Asia and Europe, seventeenth to nineteenth centuries. Basingstoke: Palgrave Macmillan; 2007.

72.

Fara, Patricia. Sex, botany & empire: the story of Carl Linnaeus and Joseph Banks. New York: Columbia University Press; 2003.

73.

Schaffer, Simon. The brokered world: go-betweens and global intelligence, 1770-1820. Sagamore Beach, Mass: Science History Publications; 2009.

74.

Safier N. Measuring the new world: enlightenment science and South America. Chicago: University of Chicago Press; 2008.

75.

Golinski J. 'Chemistry'. 2008.

76.

Golinski J. Science as public culture: chemistry and enlightenment in Britain, 1760-1820.

Cambridge: Cambridge University Press; 1992.

77.

Crosland M. Chemistry and the chemical revolution. In: Rousseau GS, Porter R, editors. The ferment of knowledge [Internet]. Cambridge: Cambridge University Press; 1980. p. 389-416. Available from: <http://ebooks.cambridge.org/ref/id/CBO9780511572982A022>

78.

Priestley J. Experiments and observations on different kinds of air: Vol. II. By Joseph Priestley [Internet]. The second edition. London: printed for J. Johnson; 1776. Available from: http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T033836&tiPG=1&dd=0&dc=fhc&docNum=CW109001842&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda

79.

Lavoisier AL. Elements of chemistry: in a new systematic order [Internet]. Edinburgh: printed for William Creech, and sold in London by G. G. and J. J. Robinsons; 1790. Available from: http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=fhc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda

80.

Mokyr, Joel. The Intellectual Origins of Modern Economic Growth. The Journal of Economic History. Cambridge University Press; 65(2):285-351.

81.

Musson AE, Robinson E. Science and technology in the Industrial Revolution. Manchester: Manchester U.P; 1969.

82.

Jacob MC, Stewart L. Practical matter: Newton's science in the service of industry and empire, 1687-1851. Cambridge, Mass: Harvard University Press; 2004.