

HPSCGA22: Early modern science

[View Online](#)

Azzolini M, *The Duke and the Stars: Astrology and Politics in Renaissance Milan* (Harvard University Press 2013)

Bacon F and R. H., *New Atlantis* (Printed for John Crooke 1660)

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

Bartlett R, *The Natural and the Supernatural in the Middle Ages: The Wiles Lecture given at the Queen's University of Belfast, 2006*, vol *The Wiles lectures* (Cambridge University Press 2008)

Bennett, Jim, 'Presidential Address: Knowing and Doing in the Sixteenth Century: What Were Instruments For?' 36 *The British Journal for the History of Science* 129

Biagioli M, 'Galileo's System of Patronage' (1990) 28 *History of Science* 1

—, *Galileo, Courtier: The Practice of Science in the Culture of Absolutism*, vol *Science and its conceptual foundations* (University of Chicago Press 1993)

Boyle R, *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, Printed by Miles Flesher for Richard Davis, bookseller in Oxford 1682)

<http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:93491>

Cottingham J (ed), *The Cambridge Companion to Descartes*, vol *Cambridge Companions to Philosophy* (Cambridge University Press 1992)

<<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 University Press 1980)

Cunningham A, *The Anatomical Renaissance: The Resurrection of the Anatomical Projects of the Ancients* (Scolar 1997)

Daston L, 'Curiosity in Early Modern Science' (1995) 11 *Word & Image* 391

David Kubrin, 'Newton and the Cyclical Cosmos: Providence and the Mechanical Philosophy' 28 *Journal of the History of Ideas* 325

David Philip Miller, 'The Usefulness of Natural Philosophy: The Royal Society and the Culture of Practical Utility in the Later Eighteenth Century' (1999) 32 *The British Journal for the History of Science* 185

<<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 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* (Palgrave 2001)

Debus AG, *Man and Nature in the Renaissance*, vol *Cambridge history of science* (Cambridge University Press 1978)

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

Dobbs, B. J. T., 'Newton's Alchemy and His Theory of Matter' 73 *Isis* 511

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 (printed for the translator, and for H Murray 1795)

<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>

Fara P, *Newton: The Making of a Genius* (Macmillan 2002)

—, "'Marginalized Practices'" (2008)

Fara, Patricia, *Sex, Botany & Empire: The Story of Carl Linnaeus and Joseph Banks*, vol *Revolutions in science* (Columbia University Press 2003)

Fauvel J, *Let Newton Be!* (Oxford University Press 1988)

Ferngren GB, *Science and Religion: A Historical Introduction* (Johns Hopkins University Press 2002)

Findlen, Paula, 'Science as a Career in Enlightenment Italy: The Strategies of Laura Bassi' 84 *Isis* 441

Foucault, Michel, *The Order of Things: An Archaeology of the Human Sciences*, vol *Routledge classics* (Routledge 2002)

<<http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780203996645>>
Galilei G and Van Helden A, *Sidereus Nuncius: Or, The Sidereal Messenger* (University of Chicago Press 1989)

Gaukroger S, Descartes: An Intellectual Biography (Oxford University Press 1995)
<<http://dx.doi.org/10.1093/0198237243.001.0001>>

—, Francis Bacon and the Transformation of Early-Modern Philosophy (Cambridge University Press 2001)

Golinski J, Science as Public Culture: Chemistry and Enlightenment in Britain, 1760-1820 (Cambridge University Press 1992)

—, "'Chemistry'" (2008)

Grant E, A Source Book in Medieval Science, vol Source books in the history of the sciences (Harvard University Press 1974)

—, Physical Science in the Middle Ages, vol History of science (Cambridge University Press 1977)

Hankins, Thomas L. and Silverman, Robert J., Instruments and the Imagination (Princeton University Press 1995)

Heilbron, J. L., 'The Case of Electricity', Elements of early modern physics (University of California Press 1982)

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 (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)
<http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397>

Iliffe R, Newton: A Very Short Introduction, vol Very short introductions (Oxford University Press 2007)

—, "'Science and Voyages of Discovery'" (2008)

Jacob MC and Stewart L, Practical Matter: Newton's Science in the Service of Industry and Empire, 1687-1851, vol New histories of science, technology, and medicine (Harvard University Press 2004)

Kibre P and Siraisi NG, 'The Institutional Setting: The Universities', Science in the Middle Ages, vol The Chicago history of science and medicine (University of Chicago Press 1978)
Kieckhefer R, Magic in the Middle Ages, vol Canto Classics (2nd ed, Cambridge University Press 2014) <<http://dx.doi.org/10.1017/CBO9781139923484>>

Koyré, Alexandre, Newtonian Studies (Chapman & Hall 1965)

Kraye J (ed), The Cambridge Companion to Renaissance Humanism, vol Cambridge Companions to Literature (Cambridge University Press 1996)
<<http://dx.doi.org/10.1017/CCOL0521430380>>

Kristeller PO, Renaissance Thought: The Classic, Scholastic, and Humanistic Strains, vol Harper torchbooks, TB1048. The Academy library (A rev and enl ed of "The classics and

Renaissance thought", Harper 1961)

Lavoisier AL, Elements of Chemistry: In a New Systematic Order (printed for William Creech, and sold in London by G G and J J Robinsons 1790)

<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>

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

Lynn M, Popular Science and Public Opinion in Eighteenth-Century France, vol Studies in early modern European history (Manchester University Press 2006)

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

Merchant C, The Death of Nature: Women, Ecology, and the Scientific Revolution (HarperCollins 1989)

Mokyr, Joel, 'The Intellectual Origins of Modern Economic Growth' 65 The Journal of Economic History 285

Moran, Bruce, "'Courts and Academies'" (2008)

Musson AE and Robinson E, Science and Technology in the Industrial Revolution (Manchester UP 1969)

Newton I, Cohen IB and Westfall RS, Newton: Texts, Backgrounds, Commentaries, vol A Norton critical edition (1st ed, WW Norton 1995)

Outram, Dorinda, The Enlightenment, vol New approaches to European history (3rd ed, Cambridge University Press 2013)

Pamela H. Smith, 'Alchemy as a Language of Mediation at the Habsburg Court' (1994) 85 Isis 1 <<http://www.jstor.org/stable/235894>>

—, "'Laboratories'" (2008)

Paula Findlen, 'Jokes of Nature and Jokes of Knowledge: The Playfulness of Scientific Discourse in Early Modern Europe' (1990) 43 Renaissance Quarterly 292

Porta G della, Natural Magick (printed for John Wright next to the sign of the Globe in Little-Britain 1669)

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

Priestley J, Experiments and Observations on Different Kinds of Air: Vol. II. By Joseph Priestley (The second edition, printed for J Johnson 1776)

<<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=0LRM&locID=ucl_ttda>

Raj K, *Relocating Modern Science: Circulation and the Construction of Scientific Knowledge in South Asia and Europe, Seventeenth to Nineteenth Centuries* (Palgrave Macmillan 2007)

Review by: Deborah Jean Warner, 'What Is a Scientific Instrument, When Did It Become One, and Why?' 23 *The British Journal for the History of Science* 83

Roberts L, 'The Death of the Sensuous Chemist: The "New" Chemistry and the Transformation of Sensuous Technology' (1995) 26 *Studies In History and Philosophy of Science Part A* 503

Safier N, *Measuring the New World: Enlightenment Science and South America* (University of Chicago Press 2008)

Schaffer S, 'Natural Philosophy and Public Spectacle in the Eighteenth Century' (1983) 21 *History of Science* 1

Schaffer, Simon, *The Brokered World: Go-Betweens and Global Intelligence, 1770-1820*, vol Uppsala studies in history of science (Science History Publications 2009)

Schiebinger L, "'The Philosopher's Beard: Women and Gender in Science'" (2008)

Shank MH, 'That the Medieval Christian Church Suppressed the Growth of Science', *Galileo goes to jail, and other myths about science and religion* (Harvard University Press 2009) <<https://contentstore.cla.co.uk/secure/link?id=d06b7ffe-8303-e911-80cd-005056af4099>>

Shea WR, *The Magic of Numbers and Motion: The Scientific Career of René Descartes* (1st ed, Science History Publications 1991)

Sivasundaram S, 'Sciences and the Global: On Methods, Questions, and Theory' (2010) 101 *Isis* 146

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

Steven Shapin, 'The House of Experiment in Seventeenth-Century England' (1988) 79 *Isis* 373 <<http://www.jstor.org/stable/234672>>

Stewart L, "'Global Pillage'" (2008)

Stewart, Larry, 'Public Lectures and Private Patronage in Newtonian England' 77 *Isis* 47

Sutton GV, *Science for a Polite Society: Gender, Culture, and the Demonstration of Enlightenment* (Westview Press 1995)

Van Helden, Albert, 'The Telescope in the Seventeenth Century' 65 *Isis* 38

Werrett, Simon, 'Chapter 2: Philosophies of Fire: Pyrotechny as Alchemy, Magic and Mechanics', *Fireworks: pyrotechnic arts and sciences in European history* (University of

Chicago Press 2010)

<<https://contentstore.cla.co.uk/secure/link?id=b2058382-3929-e811-80cd-005056af4099>>

—, 'Wonders Never Cease: Descartes's "Météores" and the Rainbow Fountain' Vol. 34
The British Journal for the History of Science 129

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

Westman, Robert S., *The Copernican Question: Prognostication, Skepticism, and Celestial Order* (University of California Press 2011)
<<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' 49 *Journal of the History of Ideas* 85