

## CURRICULUM VITAE

**Name:** STEVEN SHAPIN

**Place of Birth:** New York, NY

**Nationality:** U.S.A.

### **Education:**

(i) 1961-1966:

Reed College, Portland, Oregon: B.A. (Major subject: Biology).

(ii) 1966-1967:

University of Wisconsin, Madison, Wisconsin: Post-graduate study in Department of Genetics.

(iii) 1968-1971:

University of Pennsylvania, Philadelphia, Pennsylvania: M.A., Ph.D. in History & Sociology of Science: Thesis: "The Royal Society of Edinburgh: A Study of the Social Context of Hanoverian Science."

### **Academic Employment:**

(i) 1972:

Keele University, Keele, Staffordshire: Visiting Research Fellow in History of Science.

(ii) 1973-1988:

Edinburgh University, Science Studies Unit: Lecturer in Science Studies.

(iii) 1988-1989:

Edinburgh University, Science Studies Unit: Reader in Science Studies.

(iv) 1979 (summer):

University of Pennsylvania, Department of History & Sociology of Science: Visiting Professor, teaching postgraduate course on sociological methods in history of science.

(v) 1979-1980:

John Simon Guggenheim Memorial Foundation Fellow: Visiting Fellow in Department of History & Sociology of Science, University of Pennsylvania.

(vi) 1986 (spring):

Simon P. Silverman Distinguished Visiting Professor, Institute for the History & Philosophy of Science & Ideas, Tel-Aviv University.

(vii) 1996-1997:

Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, CA.

(viii) 2001 (Fall Semester):

Visiting Professor, Department of the History of Science, Harvard University.

(ix) 1989-2003:

Professor of Sociology, University of California, San Diego (1994-1998: also Adjunct Professor of History).

(x) 2004- :

Franklin L. Ford Professor of the History of Science, Harvard University. (As from 1 July 2014 Franklin L. Ford Research Professor of the History of Science.)

(xi) January-May 2012:

Visiting Professor of History at Columbia University.

(xii) May-June 2012:

S. T. Lee Visiting Research Professorship in School of Advanced Study, University of London (May-June 2012).

(xiii) January 2011; November 2012; February, November 2016, November 2018:

Short courses in various aspects of history and sociology of taste and dietetics in master's programs at University of Gastronomic Sciences, Pollenzo, Italy.

### **Publications:**

#### **Books:**

{i} Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life. Princeton, NJ: Princeton University Press, 1985; corrected pbk. ed. 1989. Pp. xiv + 440 (with Simon Schaffer)

{a} New edition 2011, with an Introduction by the authors on pp. xi-l.

French translation: Leviathan et la pompe à air: Hobbes et Boyle entre science et politique, trans. Thierry Piélat. Paris: Éditions la Découverte, 1993. Pp. 458.

Italian translation: Il Leviatano e la pompa ad aria: Hobbes, Boyle e la cultura dell'esperimento, trans. Roberto Brigati. Florence: La Nuova Italiana Editrice, 1994. Pp. xi + 531.

Spanish translation: El Leviathan y la bomba de vacío: Hobbes, Boyle y la vida experimental, trans. Alfonso Buch. Buenos Aires: Universidad Nacional de Quilmes Editorial, 2005. Pp. 505.

Chinese translations: (1) Liweitan yu kongchibengpu, trans. June Tsai. Taipei: Le Flaneur Publishing Company, Taiwan, 2006. Pp. 583. [complex-character Chinese]

(2) Simplified-character Chinese translation published in 2008 by Shanghai People's Publishing House: Pp. 424. ISBN 10:7208078238 ISBN 13:9787208078239 (details not available in English: <http://item.jd.com/10293312.html>)

Japanese translation [of 2011 edition] published in 2016 by Nagoya Daigaku University Press, trans. Kuninobu Sakamoto: Pp. 454. ISBN 978-4-8158-0839-6

A Greek translation has been licensed.

Portions of chapter 2 are anthologized in "The Problem of Experiment" [see 'Articles and Chapters' entry (xxiii)].)

A brief extract from chapter 2 is anthologized in Science in Europe, 1500-1800: A Secondary Sources Reader, ed. Malcolm Oster (Basingstoke: Palgrave, 2002), pp. 144-145.

The last chapter "The Polity of Science" is anthologized in Philosophy, Science, and History: A Guide and Reader, ed. Lydia Patton (London: Routledge, 2014), pp. 138-150.

The last chapter was anthologized (without the authors' permission) in The Science Wars: Debating Scientific Knowledge and Technology, ed. Keith Parsons (Amherst, NY: Prometheus Press, 2003), pp. 43-56.

{ii} A Social History of Truth: Civility and Science in Seventeenth-Century England. Chicago: University of Chicago Press, 1994; corrected pbk. ed. 1995. Pp. xxxi + 483.

[Awarded 1995 Ludwik Fleck Prize of the Society for Social Studies of Science; awarded 1998 Robert K. Merton Prize of the American Sociological Association.]

Chinese translation: Zhen li de she hui shi, trans. Zhao Wanli. Nanchang, PRC: Jiangxi Jiao Yu Chu Ban She, 2002.

French translation: Une histoire sociale de la vérité: Science et mondanité dans l'Angleterre du XVIIe siècle, trans. Samuel Coavoux and Alcime Steiger. Paris: Éditions La Découverte, 2014. Pp. 600.

Spanish translation: Una historia social de la verdad: la hidalguía y la ciencia en la Inglaterra del siglo XVII, trans. Luisa Fernanda Lassaque. Buenos Aires: Prometeo Libros, 2016. Pp. 585.

{iii} The Scientific Revolution. Chicago: University of Chicago Press, 1996. Pp. xiv + 218. Paperback edition, 1998; 2<sup>nd</sup> edition, with new Bibliographic Essay, 2018.

[Awarded 1999 Dingle Prize of the British Society for the History of Science for Best Book Bringing History of Science before a Wide Audience.]

French translation: La révolution scientifique, trans. Claire Larsonneur. Paris: Flammarion, 1998. Pp. 260. [There is an additional 600-word section in the Introduction comparing the conception of this book to dominant French sentiments about the history of science.]

German translation: Die wissenschaftliche Revolution, trans. Michael Bischoff. Frankfurt am Main: Fischer Taschenbuch Verlag, 1998. Pp. 250.

Japanese translation: Kagaku-kakumei towa nandattanoka (What Was the Scientific Revolution?), trans. Masaru Kawada. Tokyo: Hakusuisha, 1998. Pp. lvii + 222. [There is an additional 1600-word Preface introducing the historical sociology of scientific knowledge to a Japanese audience.]

Portuguese translation: A Revolução Científica, trans. Ricardo Afonso Roque. Algés: Difel, 1999. Pp. xxi + 227.

Norwegian translation: Den Vitenskapelige Revolusjonen, trans. Vidar Enebak. Oslo: Spartacus Forlag, 1999. Pp. 224.

Polish translation: Rewolucja Naukowa, trans. Stefan Amsterdamski. Warsaw: Prószyński i S-ka, 2000. Pp. 182.

Spanish translation: La revolución científica: una interpretación alternativa, trans. José Romo Feito. Barcelona/Buenos Aires/Mexico City: Paidós, 2000. Pp. 280.

Swedish translation: Den Vetenskapliga Revolutionen, trans. Joachim Retzlaff. Stockholm: Brutus Östlings Bokförlag Symposion, 2000. Pp. 224.

Turkish translation: Bilimsel Dervrim, trans. Ayşegül Yurdaçalış. Istanbul: Izdüşüm Yayinlari, 2000. Pp. 252.

Korean translation: Gwa Hak Hyeok Myeong, trans. Han Young Dok. Seoul: Younglim Cardinal, 2002. Pp. 272.

Italian translation: La rivoluzione scientifica, trans. Michele Visentin. Turin: Piccola Biblioteca Einaudi, 2003. Pp. 252.

Greek translation: Η Επιστημονική Επανάσταση (The Scientific Revolution), trans. Elias Karkanis. Athens: Katoptro, 2003. Pp. 276.

Chinese translation: Ke Xue Ge Ming: Pi Pan Xing de Zhong (The Scientific Revolution: A Critical Synthesis), trans. Xu Guoqiang, Yuan Jiangyang, and Sung Xiaochun. Shanghai: Shanghai Scientific and Technological Education Publishing House, 2004. Pp. 210. [simplified-character Chinese]

Dutch translation: De wetenschappelijke revolutie, trans. Stanneke Wagenaar and René van de Weijer. Amsterdam: Uitgeverij Balans, 2005. Pp. 264.

Hebrew translation: המהפכה המדעית (ha-Mahapekhah ha-mada'it) trans. Matan Kaminer. Tel-Aviv: Resling Publishing, 2009. Pp. 260.

Chinese translation, complex-character Chinese: Ke xue ge ming: yi duan bu cun zai de li shi, trans. Xu Hong Bin and Lin Qiao Ling. Taipei, Taiwan: Rive Gauche Publishing House, 2010.

Russian translation: Научная революция как событие [The Scientific Revolution as an Event], trans. by M. Markov. Novoe Literaturnoe Obozrenie (New Literary Review): Moscow, 2015. ISBN 978-5-4448-0144-4 [Bound together with book by

Peter Dear]. <http://nlobooks.mags.ru/vcd-7-1-1147/goodsinfo.html>

A second German translation has been licensed and will be published by Fischer Verlag GmbH.

[Chapter 2 is translated and anthologized in Ansichten der Wissenschaftsgeschichte, ed. Michael Hagner (Frankfurt am Main: Fischer Taschenbuch Verlag, 2001), pp. 43-103; brief extracts from chapters 1 and 2 are reprinted in an anthology for use in college history courses, Taking Sides: Clashing Views on Controversial Issues in World Civilizations, Volume II, eds Joseph R. Mitchell et al. (Guilford CT: Dushkin/McGraw Hill, 1998), pp. 30-36; another short excerpt from chapters 1 and 2 is published in the web magazine HMS Beagle, Issue 35, 24 July-6 August 1998: <http://hmsbeagle.com>]; also in Dennis Sherman, ed., Western Civilization: Sources, Images, and Interpretations, from the Renaissance to the Present (New York: McGraw-Hill Education, 2010).

{iv} Wetenschap is cultuur, trans. Fred Hendriks and with an introduction by Lissa Roberts. Amsterdam: Uitgeverij Balans, 2005. Pp. 304. (This is a translation into Dutch of 23 essays by myself and Simon Schaffer previously published in the London Review of Books and revised for this book.)

{v} The Scientific Life: A Moral History of a Late Modern Vocation (Chicago: University of Chicago Press, 2008). Pp. xvii + 468.

{vi} Never Pure: Historical Studies of Science as if It Was Made by People with Bodies, Situated in Space, Time, and Society, and Struggling for Credibility and Authority (Baltimore, MD: The Johns Hopkins University Press, 2010). Pp. 532.

Portuguese translation: Nunca Pura: Estudos Históricos de Ciência como se Fora Pruduzida por Pessoas com Corpos, Situadas no Tempo, no Espaço, na Cultura e na Sociedade e Que Se Empenham por Credibilidade e Autoridade, trans. Erick Ramalho (Belo Horizonte, Brasil: Fino Traço Editora, 2013). Pp. 552.

Spanish translation: Nunca Pura (Buenos Aires: Prometeo Libros, 2015). ISBN: 9875746886

#### **Edited Books:**

{i} Natural Order: Historical Studies of Scientific Culture. London & Beverly Hills: Sage, 1979. Pp. 255. [with Barry Barnes].

{ii} The Place of Knowledge: The Spatial Setting and Its Relation to the Production of Knowledge, Special Issue of Science in Context, Vol. IV, Number 1 (Cambridge: Cambridge University Press, 1991) [with Adi Ophir].

{iii} Science Incarnate: Historical Embodiments of Natural Knowledge (Chicago: University of Chicago Press, 1998). Pp. 327. [with Christopher Lawrence].

#### **Articles and Chapters in Books:**

(i) "The Pottery Philosophical Society, 1819-1835: An Examination of the Cultural Uses of Provincial Science," Science Studies, ii (1972) 311-336.

(ii) "Property, Patronage, and the Politics of Science: The Founding of the Royal Society of Edinburgh," The British Journal for the History of Science, vii (1974), 1-41.

(iii) "Prosopography as a Research Tool in History of Science: The British Scientific Community, 1700-1900," History of Science, xii (1974), 1-28 [with Arnold Thackray].

(iv) "The Audience for Science in Eighteenth-Century Edinburgh," History of Science, xii (1974), 95-121.

(v) "Phrenological Knowledge and the Social Structure of Early Nineteenth-Century Edinburgh," Annals of Science, xxxii (1975), 219-243.

(vi) "Head and Hand: Rhetorical Resources in British Pedagogical Writing, 1770-1850," Oxford Review of Education, ii (1976), 231-254 [with Barry Barnes].

(vii) "Science, Nature and Control: Interpreting Mechanics' Institutes," Social Studies of Science, vii (1977), 31-74 [with Barry Barnes]. [An excerpt is anthologized in Schooling and Capitalism, eds R. Dale et al. (London: Routledge, for The Open University, 1976), pp. 55-65.]

(viii) "The Politics of Observation: Cerebral Anatomy and Social Interests in the Edinburgh Phrenology Disputes," in On the Margins of Science: The Social Construction of Rejected Knowledge, ed. Roy Wallis, Sociological Review Monographs, vol. xxvii (Keele: Keele University Press, 1979), pp. 139-178. [Anthologized in Sociology of Scientific Knowledge: A Source Book, ed. H. M. Collins (Bath University Press, 1982), pp. 103-150. Anthologized and translated into French as "La politique des cerveaux, la querelle phrénologique au 19<sup>e</sup> siècle à Édimbourg," in La science telle qu'elle se fait, ed. Bruno Latour (Paris: Pandore, 1982), pp. 51-102, and *ibid.*, eds Michel Callon and Bruno Latour (Paris: Éditions la Découverte, 1991), pp. 146-199; and into Japanese as "Edinbara kossou-gaku ronso," in Haijo sareru chi (Tokyo: Seidosha, 1986), pp. 133-200.

(ix) "Homo phrenologicus: Anthropological Perspectives on an Historical Problem," in Natural Order (see Edited Books {i} above), pp. 41-71.

(x) "Darwin and Social Darwinism: Purity and History," in Natural Order (see Edited Books {i} above), pp. 125-142 [with Barry Barnes].

(xi) "Social Uses of Science," in The Ferment of Knowledge: Studies in the Historiography of Eighteenth-Century Science, eds G.S. Rousseau and Roy Porter (Cambridge: Cambridge University Press, 1980), pp. 93-139. Excerpts reprinted in The Enlightenment, eds Dena Goodman and Kathleen Wellman (Boston: Houghton Mifflin, in the press).

(xii) "Of Gods and Kings: Natural Philosophy and Politics in the Leibniz-Clarke Disputes," Isis, lxxii (1981), 187-215.

(xiii) "Scottish Science," in A Companion to Scottish Culture, ed. David Daiches (London: Edward Arnold, 1981), pp. 318-322.

(xiv) "History of Science and Its Sociological Reconstructions," History of Science, xx (1982), 157-211. [A

somewhat different version is printed in Cognition and Fact: Materials on Ludwik Fleck, eds Robert S. Cohen and Thomas Schnelle (Dordrecht: D. Reidel, 1986), pp. 325-386. A translation of another version is "L'histoire sociale des sciences est-elle possible?," in Les scientifiques et leurs alliés, eds Michel Callon and Bruno Latour (Paris: Editions Pandore, 1985), pp. 181-250. Translated into Polish as "Historia nauki i jej socjologiczne rekonstrukcje," in Mocny Program: Socjologii Wiedzy, ed. Edmund Mokrzycki (Warsaw: IFiS PAN, 1993), pp. 373-456. Excerpts are anthologized in Knowledge Making, Study Guide & Readings for Course HUW 307 ("Science in Culture," Part B), eds David Turnbull et al. (Deakin University [Australia], 1985), section 1.6.]

(xv) "'Nibbling at the Teats of Science': Edinburgh and the Diffusion of Science in the 1830s," in Metropolis and Province: Science in British Culture, 1780-1850, eds Ian Inkster and Jack Morrell (London: Hutchinson/ Philadelphia: University of Pennsylvania Press, 1983), pp. 151-178.

(xvi) "Experiment, Science Teaching and the New History and Sociology of Science," in Proceedings of the International Conference on Using History of Physics in Innovative Physics Education, September 1983, Pavia, eds Fabio Bevilacqua and Peter J. Kennedy (Pavia: Centro Studi per la Didattica, Università di Pavia, 1983), pp. 282-292 [with H. M. Collins]. [A version appeared as "Uncovering the Nature of Science," The Times Higher Education Supplement (27 July 1984), p. 13, and a German translation as "Experiment, naturwissenschaftlicher Unterricht und die neue Geschichte und Soziologie der Naturwissenschaft," Physica didactica, xi (1984), 33-46. Also anthologized under the original title in Teaching the History of Science, eds Michael Shortland and Andrew Warwick (Oxford: Basil Blackwell, for the British Society for the History of Science, 1989), pp. 67-79, and, in the THES version, in Science in Schools, eds Joan Brown, Alan Cooper, Tim Horton, Frederick Toates and David Zeldin (Milton Keynes and Philadelphia: Open University Press, 1986), pp. 71-77.]

(xvii) "Brewster and the Edinburgh Career in Science," in 'Martyr of Science': Sir David Brewster 1781-1868, eds A.D. Morrison-Low and J. R. R. Christie (Edinburgh: Royal Scottish Museum, 1984), pp. 17-23.

(xviii) "Talking History: Reflections on Discourse Analysis," Isis, lxxv (1984), 125-130.

(xix) "Pump and Circumstance: Robert Boyle's Literary Technology," Social Studies of Science, xiv (1984), 481-520. [A slightly different version is translated as "Une pompe de circonstance. La technologie littéraire de Boyle," Culture technique, no. xiv (June 1985) [Les "vues" de l'esprit], eds Bruno Latour and Jocelyn de Noblet (Paris: C.R.C.T., 1985), pp. 70-87, and in La science telle qu'elle se fait, eds Michel Callon and Bruno Latour (Paris: Éditions la Découverte, 1991), pp. 37-86. Translated into Polish as "Pompa i okolicznosci: literacka technika Roberta Boyle'a," in Mocny Program: Socjologii Wiedzy, ed. Edmund Mokrzycki (Warsaw: IFiS PAN, 1993), pp. 321-372. Warsaw. Anthologized in "The Problem of Experiment" (see entry [xxiii]); in Marcus Hellyer, ed., The Scientific Revolution: The Essential Readings (Oxford: Blackwell, 2003), pp. 74-100; in Historical Methods in the Social Sciences, eds John A. Hall and Joseph M. Bryant, 4 vols. (London: Sage, 2005), Vol. IV, ch. 58; and in Michael Lynch, ed., Science and Technology Studies, 4 vols. (London: Routledge, 2011), Vol. II.

(xx) "What is the History of Science?," History Today, xxxv (May 1985), 50-51. [Anthologized in What is History Today ...?, ed. Juliet Gardiner (London: Macmillan Education, 1988), pp. 71-73.]

(xxi) "Robert Boyle and Mathematics: Reality, Representation and Experimental Practice," Science in Context, ii (1988), 23-58.

(xxii) "The House of Experiment in Seventeenth-Century England," Isis, lxxix (1988), 373-404. [Winner of 1990 Derek Price Prize of History of Science Society. Extract anthologized in Reader for Open University (U.K.) Course Reader AS283 "The Rise of Scientific Europe 1500-1800" (Milton Keynes, 1991; and the same extract in Science in Europe, 1500-1800: A Secondary Sources Reader, ed. Malcolm Oster (Basingstoke: Palgrave, 2002), pp. 141-144; whole paper anthologized in The Scientific Enterprise in Early Modern Europe, ed. Peter Dear (Chicago: University of Chicago Press, 1997), pp. 273-304; in The Science Studies Reader, ed. Mario Biagioli (New York/London: Routledge, 1999), pp. 479-504; and in Marian Füssel, ed., Wissensgeschichte (Stuttgart: Steiner Verlag, in the press.)

(xxiii) "The Problem of Experiment," Course Unit prepared for Knowledge Making, third-level course [Unit 1a] (Deakin University, Victoria, Australia, 1988).

(xxiv) "Understanding the Merton Thesis," Isis, lxxix (1988), 594-605.

(xxv) "Who was Robert Hooke?" in Robert Hooke: New Studies, eds Michael Hunter and Simon Schaffer (Woodbridge, Suffolk: The Boydell Press, 1989), pp. 253-285.

(xxvi) "The Invisible Technician," American Scientist, lxxvii (November-December 1989), 554-563. [Translated into French as "Le technicien invisible," La recherche, xxii (March 1991), pp. 324-333; into Spanish as "El técnico invisible," Mundo científico, cxiii (May 1991), pp. 520-529; and into German as "Unsichtbare Labortechniker," in Unsichtbare Hände: Zur Rolle von Laborassistenten, Mechanikern, Zeichnern u. a. Amanuenses in der physikalischen Forschungs- und Entwicklungsarbeit (Stuttgart/Berlin: GNT-Verlag, 2008), pp. 26-44.]

(xxvii) "Science and the Public," in Companion to the History of Modern Science, eds R. C. Olby et al. (London: Routledge, 1990), pp. 990-1007.

(xxviii) "'The Mind is Its Own Place': Science and Solitude in Seventeenth-Century England," Science in Context, iv (1991), 191-218.

(xxix) "The Place of Knowledge: A Methodological Survey," Science in Context, iv (1991), 3-21 [with Adi Ophir].

(xxx) "'A Scholar and a Gentleman': The Problematic Identity of the Scientific Practitioner in Early Modern England," History of Science, xxix (1991), 279-327.

(xxxii) "Why the Public Ought to Understand Science-in-the Making," Public Understanding of Science, i (1992), 27-30. (Reprinted in The Times Higher Education Supplement (14 February 1992), p. 15, as "A Magician's Cloak Cast Off for Clarity.")

(xxxiii) "Discipline and Bounding: The History and Sociology of Science as Seen through the Externalism-Internalism Debate," History of Science, xxx (1992), 333-369. [Translated into

Spanish and anthologized as "Disciplina y delimitación: la historia y la sociología de la ciencia a la luz del debate externismo-internismo," in Historia, Filosofía y Enseñanza de la Ciencia, eds Sergio F. Martínez and Godfrey Guillaumin (Mexico City: Universidad Nacional Autónoma de México, 2005), pp. 67-119.]

(xxxiii) "Trust, Honesty, and the Authority of Science," in Society's Choices: Social and Ethical Decision Making in Biomedicine, eds Ruth Ellen Bulger, Elizabeth Meyer Bobby, and Harvey V. Fineberg (for Committee on the Social and Ethical Impacts of Developments in Biomedicine, Institute of Medicine, National Academy of Sciences) (Washington, D.C.: National Academy Press, 1995), pp. 388-408. (Reprinted under the same title in a slightly different version in Honour, Honesty and Trust, eds Nancy Cartwright and Arthur Knight. LSE Centre for the Philosophy of the Natural and Social Sciences, Discussion Paper Series [London: London School of Economics, 1996], pp. 87-111.)

(xxxiv) "'Achievement' and the Macro-Sociology of Culture," in Wellsprings of Achievement: Cultural and Economic Dynamics in Early Modern England and Japan, ed. Penelope Gouk (Aldershot: Variorum, 1995), pp. 47-76.

(xxxv) "Here and Everywhere: Sociology of Scientific Knowledge," Annual Review of Sociology, xxi (1995), 289-321.

(xxxvi) "Cordelia's Love: Credibility and the Social Studies of Science," Perspectives on Science, iii (1995), 255-275.

(xxxvii) "Placing the View from Nowhere: Historical and Sociological Problems in the Location of Science," Transactions of the Institute of British Geographers, n.s. xxiii (1998), 5-12.

(xxxviii) "The Philosopher and the Chicken: On the Dietetics of Disembodied Knowledge," in Science Incarnate: Historical Embodiments of Natural Knowledge, eds Christopher Lawrence and Steven Shapin (Chicago: University of Chicago Press, 1998), pp. 21-50. [Translated into Polish and published as "Filozof i kurczak. O dietetyce odcieleśnionej wiedzy," in Studia nad nauką i technologią. Wybór tekstów (Science and Technology Studies. A Selection of Texts), eds Ewa Bińczyk and

Aleksandra Derra, trans. Adam Grzelińskim (Toruń: Nicolaus Copernicus University Press 2014), pp. 371-412.)]

(xxxix) "Introduction: The Body of Knowledge," in Science Incarnate: Historical Embodiments of Natural Knowledge, eds Christopher Lawrence and Steven Shapin (Chicago: University of Chicago Press, 1998), pp. 1-19. [with Christopher Lawrence].

(xl) "Rarely Pure and Never Simple: Talking about Truth," Configurations, vii (1999), 1-14.

(xli) "Être ou ne pas être antiscientifique," La recherche No. 319 (April 1999), 72-79 (translated by Pierre Bancel). A slightly different English version is "How to be Antiscientific," in The One Culture? A Conversation about Science, eds Jay A. Labinger and Harry Collins (Chicago: University of Chicago Press, 2001), pp. 99-115 [see also **Miscellaneous Publications** (ix) below]. An excerpt in German is "Von der Schwierigkeit, ein Wissenschaftsgegner zu sein" [On the Difficulty of Being Anti-Scientific], Frankfurter Rundschau (27 October 1998), Section "Humanwissenschaften," p. 9; and a fuller version is "Von der Schwierigkeit, Wissenschaftsgegner zu sein," Wissenschaftsfeinde? 'Science Wars' und die Provokation der Wissenschaftsforschung, ed. Michael Scharping (Münster: Westfälisches Dampfboot, 2001), pp. 117-139. A Hungarian translation is "Hogyan legyünk tudományellenesek?" Replika 55-55 (October 2006), 157-171 (trans. Koroncay Dávid).

(xliii) "Vorurteilsfreie Wissenschaft und Gute Gesellschaft: Zur Geschichte eines Vorurteil," Transit: Europäische Revue, xvi (Winter 1998/99), 51-63 (translated by Bodo Schulze) [published on-line as "Wissenschaft und Vorurteil in historischer Perspektive": [http://www.iwm.at/index.php?option=com\\_content&task=view&id=248&Itemid=424](http://www.iwm.at/index.php?option=com_content&task=view&id=248&Itemid=424)]

(xliv) "Descartes the Doctor: Rationalism and Its Therapies," The British Journal for the History of Science, xxxiii (2000), 131-154. A shortened and slightly different French translation appears as "Descartes médecin et les thérapies de la raison," La recherche No. 338 (January 2001), 56-60 (translated by Phillipe Descamps). The same shortened version was translated into Spanish as "Descartes médico: las terapias de la razón," Mundo científico, no. 221 (April 2001), pp. 49-53.

(xlv) "Who Was J. Robert Oppenheimer? Charisma and Complex Organization," Social Studies of Science, xxx (2000), 545-590 [with Charles Thorpe].

(xlvi) "How to Live Forever: Lessons of History," The British Medical Journal, cccxxi (23 December 2000), 1580-1582. [with C. N. Martyn].

(xlvii) "Proverbial Economies: How an Understanding of Some Linguistic and Social Features of Common Sense Can Throw Light on More Prestigious Bodies of Knowledge, Science For Example," Social Studies of Science, xxxi (2001), 731-769.

(xlviii) "Truth and Credibility: Science and the Social Study of Science," in International Encyclopedia of Social and Behavioral Sciences, general editors Neil J. Smelser and Paul B. Baltes, 26 vols. (Oxford: Elsevier Science, 2001), Vol. 23, pp. 15926-15932.

(xlix) "The Image of the Man of Science," in The Cambridge History of Science: Vol. 4. Eighteenth-Century Science, ed. Roy Porter (Cambridge: Cambridge University Press, 2003), pp. 159-183.

(l) "How to Eat Like a Gentleman: Dietetics and Ethics in Early Modern England," in Right Living: An Anglo-American Tradition of Self-Help Medicine and Hygiene, ed. Charles E. Rosenberg (Baltimore, MD: Johns Hopkins University Press, 2003), pp. 21-58.

(li) "Trusting George Cheyne: Scientific Expertise, Common Sense, and Moral Authority in Early Eighteenth-Century Dietetic Medicine," Bulletin of the History of Medicine, lxxvii (2003), 263-297.

(lii) "Who is the Industrial Scientist? Commentary from Academic Sociology and from the Shop-Floor in the United States, ca. 1900-ca. 1970," in The Science-Industry Nexus: History, Policy, Implications, Nobel Symposium 123, eds Karl Grandin, Nina Wormbs, and Sven Widmalm (Canton, MA: Science History Publications, 2004), pp. 337-363. Reprinted under same title in Knowledge as Social Order: Rethinking the Sociology of Barry Barnes, ed. Massimo Mazzotti (London: Ashgate, 2008), pp. 49-75.

(liii) "The Way We Trust Now: The Authority of Science and the Character of the Scientist," in Pervez Hoodbhoy, Daniel Glaser, and Steven Shapin, Trust Me, I'm a Scientist, Birthday Counterpoints, British Council 70<sup>th</sup> Anniversary Essays on Cultural Relations, series editor Rosemary Bechler (London: The British Council, 2004), pp. 42-63.

(liv) "Hyper-Professionalism and the Crisis of Readership in the History of Science," Isis, xcvi (2005), 238-243.

(lv) "The Man of Science," in The Cambridge History of Science. Vol. 3: Early Modern Science, eds Lorraine Daston and Katharine Park (Cambridge: Cambridge University Press, 2006), pp. 179-191.

(lvi) "Science and the Modern World," in The Handbook of Science and Technology Studies, 3<sup>rd</sup> ed., eds Edward Hackett, Olga Amsterdamska, Michael Lynch, and Judy Wajcman (Cambridge, MA: MIT Press, 2007), pp. 433-448.

(lvii) "Expertise, Common Sense, and the Atkins Diet," Public Science in Liberal Democracy, ed. Peter W. B. Phillips (Toronto: University of Toronto Press, 2007), pp. 174-193.

(lviii) "The Scientist in 2008," Seed Magazine, no. 19 (December 2008), pp. 58-62.

(lix) "Feeding, Feeling, Thinking," in Gefühle Zeigen: Manifestationsformen emotionaler Prozesse, eds Johannes Fehr and Gerd Folkers, Edition Collegium Helveticum, 5 (Zürich: Chronos Verlag, 2009), pp. 445-466.

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<http://www.newyorker.com/online/blogs/books/2013/10/henry-gustav-molaison-the-man-who-forgot-everything.html> (published 15 October 2013).

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January 2014), pp. 20-23.

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(xci) "Pretence for Prattle" [Markman Ellis et al., Empire of Tea], London Review of Books, xxxvii, no. 15 (30 July 2015), pp. 17-18; translated into French as "Comment le thé a transformé l'Angleterre," in Books, no. 70 (November 2015): <http://www.books.fr/comment-le-the-a-transforme-langleterre/>

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(xcviii) "Citizen Conant" [Jennet Conant, Man of the Hour], Wall Street Journal, 28 October 2017, p. C7.

(xcix) "Bare Bones" [Juan Pimentel, The Rhinoceros and the Megatherium], London Review of Books, xl, no. 5 (8 March 2018), pp. 25-26.

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**Shorter Reviews:** Numerous reviews in history and sociology of science, and related areas, in various publications, including: The Guardian, American Historical Review, American Scientist, Harvard Magazine, The Times Literary Supplement, The Times Higher Education Supplement, The Boston Globe, Nature, Science, The British Medical Journal, The Lancet, Isis, History, The Journal of Historical Geography, The Journal of Interdisciplinary History, The British Journal for the History of Science, Medical History, Technology and Culture, Metascience, American Journal of Sociology, Contemporary Sociology, Social Forces, Philosophy of Science.

#### **Miscellaneous:**

Six entries in Dictionary of the History of Science, eds W. F. Bynum, E. J. Browne and Roy Porter (London: Macmillan, 1981) [Hessen Thesis, Needham Thesis, Phrenology, Prosopography, Zilsel Thesis].

#### **Selected interviews:**

"An Interview with Steven Shapin (2008) [in connection with The Scientific Life]" University of Chicago Press:

<http://www.press.uchicago.edu/Misc/Chicago/750248in.html>

"How to Think about Science" [interviews with Paul Kennedy for Canadian Broadcasting Company 'Ideas' series (2012):

<http://www.cbc.ca/radio/ideas/how-to-think-about-science-part-1->

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"Wicked Fat: Harvard Historian of Science Steven Shapin on the Nutrition Wars": interview on dietary science with The Breakthrough Institute, 9 March 2015:  
<http://thebreakthrough.org/index.php/issues/food-and-farming/wicked-fat>

### **Fellowships and Research Grants:**

(i) Leverhulme Research Fellowship in History of Science, Keele University, 1972.

(ii) John Simon Guggenheim Memorial Foundation Research Fellowship, 1979-1980.

(iii) Wellcome Institute for the History of Medicine, Research Fellowship, 1979-1980 (declined).

(iv) Institute for Advanced Study [Wissenschaftskolleg], Berlin, Research Fellowship, 1983-1984 (declined).

(v) Royal Society of London, Research Grant for History of Science, 1984.

(vi) Renaissance Trust (U.K.), Grant for Research in Social History of Science, 1991-1992.

(vii) National Science Foundation Scholar's Award, 1991-1992.

(viii) University of California, President's Fellowship in the Humanities, 1991-1992.

(ix) Visiting Professorship, Department of History and Philosophy of Science, University of Sydney, June 1995.

(x) Visiting Research Fellowship, Humanities Research Centre, Australian National University, Canberra, Summer 1996 (declined).

(xi) Fellowship at Center for Advanced Study in the Behavioral Sciences, Stanford, California, September 1996-June 1997.

(xii) Visiting Fellowship at Max-Planck-Institut für Wissenschaftsgeschichte, Berlin, June 1999.

(xiii) Visiting Professorship, Department of the History of Science, Harvard University, Fall Semester 2001.

(xiv) Research grant (ca. \$35,000) from University of California IUCRP to study "How Scientists and Engineers Think About Academic and High-Tech Work Environments" (2001-2003).

(xv) S. T. Lee Visiting Research Professorship in School of Advanced Study, University of London (May-June 2012).

**Invited Talks Etc. (selected):**

I have presented specifically invited papers on various aspects of the history and sociology of science at many universities and conferences and in many countries. Below is a selected list of the more noteworthy. (A full list of recent presentations is available on request.)

{i} In August-September 1987 I was supported by the British Council to visit Australia to give lectures and seminars at the invitation of a number of Australian universities (including Deakin, Griffith, Melbourne, New South Wales, Sydney, and Wollongong). I was invited to deliver the Keynote Address to the Australasian Association for the History, Philosophy, and Social Studies of Science in Brisbane (August 1987).

{ii} In January 1988 the Centre de Sociologie de l'Innovation of the École des Mines in Paris invited me (with my co-author Simon Schaffer) to lead a day-long seminar attended by academics from throughout France devoted to Leviathan and the Air-Pump.

{iii} In May 1989 I co-organized and contributed to a conference under the auspices of the Van Leer Jerusalem Institute on "The Place of Knowledge."

{iv} In July 1991 I led a one-week unit of an NEH Summer Institute on "Science and Cultural Practice" at Wesleyan University.

{v} In October 1991 I was the principal speaker at a week-long Summer Institute in Science Studies of the combined Dutch university graduate programs (at Twente University, Enschede).

{vi} In June 1995 I presided over, and participated in, a workshop devoted to my work on "Science and Civility," sponsored by the Department of the History and Philosophy of Science, University of Sydney, at Jemby Rinjah Lodge, Blackheath, NSW, Australia.

{vii} In January 1996 I gave a Presidential Guest Lecture at the annual joint meeting of the Royal Geographical Society and the Institute of British Geographers at Strathclyde University, Glasgow.

{viii} In May 1996 I gave an invited public lecture at the Royal Society of Arts and Sciences, Gothenburg, Sweden.

{ix} In September 1997 I was the Lewis H. Thomas Distinguished Speaker in History at the University of Alberta, Edmonton, Canada.

{x} In March 1998 I gave the Andrew Bell Appleby Memorial Lecture in History at San Diego State University.

{xi} In May 1998 I gave the Frank N. Magill Lecture at the Georgia Institute of Technology.

{xii} In October 1998 I gave the William Coleman Memorial Lecture at the University of Wisconsin.

{xiii} In December 1998 I was a principal speaker at the Simon Wiesenthal Conference, "On the Sources of Hate," in the Hofburg Palace, Vienna, held to mark the end of Austria's presidency of the European Community.

{xiv} In April 1999 I was Ida Cordelia Beam Distinguished Professor at the University of Iowa, delivering a series of public lectures, two of which were "Descartes the Doctor: Rationalism and Its Therapies" and "Molecular Morals: Sociological Reflections on the Baltimore Case."

{xv} In June 1999 I gave the opening presentation at a special conference on "Scientific Personae" at the Max Planck Institute for the History of Science, Berlin.

{xvi} In February 2000 I gave a public lecture (on Science and Common Sense) in The Marian E. Koshland Forum on Science, Technology, and the Humanities at the Townsend Center for the Humanities at the University of California, Berkeley.

{xvi} In April 2000 I gave the annual Faculty Research Lecture, University of California, San Diego: "How to Live Forever: The Lessons of History."

{xvii} In November 2002 I was invited to the 123rd Nobel Symposium at the Royal Swedish Academy of Sciences in Stockholm, speaking on: "Who is the Industrial Scientist? Views from Academic Social Science and from the Shop-Floor in 20th-Century America."

{xviii} In April 2003 I gave a series of three Lansdowne Distinguished Lectures at the University of Victoria, British Columbia.

{xix} In April 2004 I directed a weekend seminar on early modern scientific and intellectual biography at the Folger Shakespeare Library, Washington, DC.

{xx} In June 2004 I was the Keynote Speaker to the Annual Meeting of the British Society for the History of Science at Liverpool: "'A Little of What You Fancy Does You Good': The Atkins Diet in Cultural Historical Perspective."

{xxi} In July 2004 I gave one of the Keynote Addresses to the Annual Meeting of the International Society for Intellectual History, meeting at Helsinki:  
"Reason and Virtue in Dietetic Medicine from Galen to Atkins."

{xxii} In October 2004 I gave the Keynote Presentation at a conference on "Public Science and Liberal Democracy: The Challenge to Science and Democracy," at the University of Saskatchewan: "Expertise, Common Sense, and the Atkins Diet."

{xxiii} Between September 2005 and May 2006 I gave eight special lectures as Phi Beta Kappa Visiting Scholar at the following institutions: Southwestern University (Georgetown, TX), Bates College (Lewiston, ME), the College of William & Mary (Williamsburg, VA), University of Tennessee (Knoxville, TN), University of Miami (Miami, FL), Reed College (Portland, OR),

Claremont McKenna College (Claremont, CA), and Ohio University (Athens, OH).

{xxiv} In June 2006 I gave the University Distinguished Lecture at the University of Auckland, New Zealand.

(xxv) In October 2006 I gave the keynote talk in a five-part series on "Trust in Science" at the University of King's College in Halifax, Nova Scotia, sponsored by the Canadian Centre for Ethics in Public Affairs and broadcast by the Canadian Broadcasting Company in the series "Ideas."

(xxv) In December 2006 I gave the Science, Technology, and Society Distinguished Lecture at the University of Michigan.

{xxvi} In January 2007 I gave the Whelen Distinguished Lecture at the University of Saskatchewan. This was broadcast on the Canadian Broadcasting Corporation's "Ideas" program, 15 May 2007: <http://www.learnoutloud.com/Catalog/Social-Sciences/Current-Events/CBCs-The-Best-of-Ideas-Podcast/18754#3>.

{xxvii} In March 2007 I gave the Keynote Address at the Collegium Heveticum, Zürich, at a special workshop: "Gefühle auf dem Teller" (Emotions on a Plate).

(xxviii) In October 2008 I gave the Charles E. Freedeman Memorial Lecture in History at the State University of New York at Binghamton.

{xxvix} In November 2008 I gave the History of Science Society Distinguished Lecture at the Society's annual meeting in Pittsburgh, Pennsylvania.

(xxx) In May 2009 I gave the Keynote Lecture at a special meeting of the Alberta Heritage Foundation for Medical Research in Jasper, Alberta.

(xxxi) In September 2010 I gave the Keynote Address to the Joint Annual Meeting of the Netherlands Graduate School in Science and Technology Studies, the German Society for the History of Medicine, Science and Technology, and the German Society for the History of Technology in Maastricht, the Netherlands.

(xxxii) In January 2011 I gave the Hobhouse Memorial Lecture at the London School of Economics.

- (xxxiii) In September 2011 I gave the annual Science and Technology Studies Lecture at St. Thomas University, Fredericton, New Brunswick, Canada.
- (xxxiv) In October 2011 I gave the annual Hans Rausing Lecture at the University of Uppsala, Sweden.
- (xxxv) In November 2011 I gave a Presidential Plenary Lecture at the annual meeting of the Society for Social Studies of Science in Cleveland, Ohio.
- (xxxvi) In May 2012 I gave the S. T. Lee Visiting Professorial Lecture at the Senate House, University of London.
- (xxxvii) In September 2012 I gave the Keynote Address at the 13<sup>th</sup> annual conference of the Brazilian Society of the History of Science and Technology at São Paulo.
- (xxxviii) In September 2012 I gave the 6<sup>th</sup> annual Stephen Straker Memorial Lecture at the University of British Columbia, Vancouver.
- (xxxix) In May 2013 I gave the annual MaxPo lecture at Sciences Po (Paris Institute of Political Studies).
- (xl) In July 2013 I gave a plenary address at the 82<sup>nd</sup> Anglo-American Conference of Historians at the Institute of Historical Research, London.
- (xli) In October 2013 I gave the D. Lorne Gales Lecture in the History of Science, Mossman Endowment, at McGill University in Montreal.
- (xlii) In November 2013 I gave the plenary lecture at the annual meeting of the WTMC (The Netherlands Graduate Research School of Science, Technology, and Modern Culture), jointly sponsored by the Huizinga Institute for Cultural History, in Amsterdam.
- (xliii) In March 2014 I gave the keynote lecture at the 3<sup>rd</sup> International Conference on Wine Active Compounds in Beaune, France.
- (xliv) In September 2014 I gave the keynote lecture at an international conference on "Spaces of the New Innovation" at the European University at Saint Petersburg, Russia.

(xlv) In March 2015 I gave the John K. Lattimer Lecture at the New York Academy of Medicine.

(xlvi) In October 2015 I gave the keynote address at a conference on "Food as Medicine: Historical Perspectives" at The Edward Worth Library, Dr. Steevens' Hospital, Dublin, Ireland.

(xlvii) In October 2015 I gave the keynote address at a conference on "Science in the Making, Art in the Making" at MUDAM (Grand Duke Jean Museum of Modern Art), Luxembourg.

(xlviii) In March 2017 I gave a keynote address at a conference "Stop Making Sense" (on the sensory and chemical sciences concerned with food) at Drexel University, Philadelphia.

(xlix) In June 2017 I gave a keynote address at a multi-university conference "Habitual Behaviour in Early Modern Europe" in Sheffield (England).

(l) In July 2017 I gave a keynote address at the 11<sup>th</sup> annual "Science in Public" conference ("Science, Technology & Humanity") in Sheffield (England).

(li) In October 2017 I gave the keynote address at a conference marking the 25<sup>th</sup> year of the journal Public Understanding of Science, at the University of Trento (Italy).

(lii) In November 2017 I gave the keynote address at the Inaugural Conference ("The Practices of Knowledge") of the Stevanovich Institute on the Formation of Knowledge, University of Chicago.

(liii) In January 2018 I gave a keynote lecture at a conference at the University of Leiden (The Netherlands) on "Epistemic Vices: Continuities and Discontinuities, 1600-2000."

(liv) In January 2018 I gave a public lecture (on the relationship between art and science) at a joint meeting of the the University of Amsterdam Institute for Humanities Research and the Vossius Center for History of Humanities and Science.

(lv) In March 2018 I gave The Dibner Lecture in the History of Science and Technology at the Huntington Library, Pasadena, California.

(lvi) In April 2018 I gave the keynote lecture at a conference at the University of Notre Dame on "Science, Technology, and the Good Life."

(lvii) In October 2018 I will give a keynote address at a special conference at the Graduate Center of the City University of New York on the 100<sup>th</sup> anniversary of Max Weber's *Science as a Vocation*.

#### **Appointments as Examiner Etc.:**

I have examined Ph.D. theses at the universities of Edinburgh, London, Manchester, and Cambridge. I have acted as external examiner for course development in the social history of science at Sheffield Polytechnic. From 1986 to 1987 I was external examiner for the M. Phil. degree course in history of medicine at Cambridge University. Since the late 1970s I have reviewed proposals in the history and sociology of science for the National Science Foundation, and since 1989 I have reviewed in general history and sociology for fellowship applications to the American Council of Learned Societies. In 1994 I was on a panel evaluating applications for the University of California's President's Fellowships in the Humanities, and in 1995 I was an external assessor for the NSF Program in Science and Technology Studies at Cornell University. In August 1997 I was invited to Portland State University to consult on their NSF/NEH course development project in science and the humanities. From 2002 I was for several years on the advisory panel for the fellowship applications to the Radcliffe Institute for Advanced Study of Harvard University. From 2010 I have been on the international advisory board of The Netherlands Graduate Research School of Science, Technology and Modern Culture (WTMC). In November 2017 I was a member of an external "reference group" assessing the University of Lund's program in the History of Knowledge.

#### **Supervision of Theses:**

I have supervised the completion of Ph.D. theses at Edinburgh University on subjects including: the moral treatment of the insane in the nineteenth century, scientific naturalism in nineteenth-century Britain, controversies in modern botanical taxonomy, science and religion in nineteenth-century Scotland,

and theories of causation in eighteenth-century Scotland. At UCSD, I supervised Ph.D. theses on reproductive medicine and ideas of personhood; on seismic retrofitting and the sociology of testing; on J. Robert Oppenheimer and the idea of scientific vocation; and on entrepreneurship in biotechnology. At Harvard, I supervised one Ph.D. thesis (on the New Math in Cold War America) and co-supervised two-- on aesthetic judgment in 19<sup>th</sup>-century Britain and on synthetic foods in the 19<sup>th</sup> century. I have been on the committees of twelve other Harvard Ph.D. students. In 2017, I was on the committee of one student at the University of Pennsylvania, whose doctoral thesis dealt with the artificial flavor industry in twentieth-century America.

#### **Academic Honors and Appointments:**

(i) Member of Council, British Society for the History of Science, 1977-1980.

(ii) Member of Council, Society for Social Studies of Science, 1984-1987.

(iii) Collaborating Editor and Reviews Editor, Social Studies of Science, 1982-1986; editorial adviser, 2002- .

(iv) Advisory Editor, Isis, 1979-1985.

(v) Advisory Editor to Newsletter, Society for Social Studies of Science, 1976-1982.

(vi) Subject Editor for Historiography and Sociology of Science, Dictionary of the History of Science (Macmillan, 1981).

(vii) Editor for History of Science, Eighteenth-Century Bibliography of Philological Quarterly, 1971-1972.

(viii) Member of Library Committee, History of Science Subcommittee, Royal Society of Edinburgh, 1987-1988.

(ix) 1990 Derek Price Prize of the History of Science Society for Best Paper Published in Isis in Preceding Three Years (see "Articles and Chapters" [xxii] above).

(x) Member of Steering Committee of "Achievement Project," Renaissance Trust (U.K.), 1990-1995.

(xi) Member of the J. D. Bernal Prize Committee of Society for Social Studies of Science (1992-1994, 2002-2003).

(xii) Member of Advisory Board to The Scientific Revolution: An Encyclopedia (Garland Publishing) (1993-1996).

(xiii) 1995 Ludwik Fleck Prize of the Society for Social Studies of Science for Best Book: for A Social History of Truth.

(xiv) 1998 Robert K. Merton Prize of the American Sociological Association for Best Book in Sociology of Science: for A Social History of Truth.

(xv) 1999 Dingle Prize of the British Society for the History of Science for Best Book Bringing History of Science before a Wide Audience: for The Scientific Revolution.

(xvi) Series Editor for University of Chicago Press series **science\*culture**, a series of shorter books aimed at extending the work of recent sociology and history of science to a wider readership (1997-2005).

(xvii) Faculty Research Lecturer for 2000, University of California, San Diego.

(xviii) Advisory editor, The British Journal for the History of Science, 2000-2004.

(xix) Editorial advisor, Cambridge University Press book series on "Society and the Life Sciences," series editors Paul Rabinow and Nikolas Rose, 2000-2008.

(xx) J. D. Bernal Prize (for distinguished career achievement) of the Society for Social Studies of Science, 2001.

(xxi) Visiting Scholar, Pembroke College, Cambridge, Summer 2003.

(xxii) Editorial advisor, journal BioSocieties (Cambridge University Press), 2006-2007.

(xxiii) Selected as Phi Beta Kappa Visiting Scholar for 2005-2006.

(xxiv) Awarded Erasmus Prize of the Praemium Erasmianum Foundation (The Netherlands) for 2005, for "exceptionally important contributions to European culture, society or social science" (shared with Simon Schaffer).

(xxv) Editorial board, journal Modern Intellectual History (Cambridge University Press), 2007-2010.

(xxvi) Editorial adviser, Social Studies of Science, 2005 ->

(xxvii) History of Science Society Distinguished Lecturer, November 2008.

(xxviii) Scientific Advisory Board, synBERC (Synthetic Biology Engineering Research Center), an NSF-sponsored, multi-institution research effort to lay the foundations for the emerging field of synthetic biology: 2008-2009.

(xxix) Fellow of the American Academy of Arts and Sciences (elected 2009).

(xxx) Editorial Board, London Review of Books, 2010 ->

(xxxii) Advisory Board, The Life Sciences Foundation, 2010-2017.

(xxxiii) S. T. Lee Visiting Professorial Fellow, School of Advanced Study, University of London, May-June, 2012.

(xxxiiii) Editorial Board, Configurations, official journal of the Society for Literature, Science, and the Arts.

(xxxv) Sarton Medal of the History of Science Society, in recognition of "lifetime scholarly achievement."

September 2018