

**Curriculum Vitae
of
M. Norton Wise**

Personal:

Born 2 April 1940; Tacoma, Washington

Married Elaine M. Liu, 30 January 1965

Children: Licia Elaine Wise and Erin Liu Wise (twin daughters, born 11 October 1969)

Education:

Princeton University, Princeton, NJ----Ph.D. in History (history of science), 1977

Washington State University, Pullman, WA----Ph.D. in Physics (nuclear), 1968

Pacific Lutheran University, Tacoma, WA----B.Sc. in Physics, 1962

Fellowships, Honors, and Awards:

Elected Fellow of the American Association for the Advancement of Science, 2005

Elected Fellow of the American Academy of Arts and Sciences, 2001.

Elected Corresponding Member of the Académie Internationale d'Histoire des Sciences, 1993.

Elected Fellow of the American Physical Society, 1992.

Pfizer Prize (outstanding book in History of Science in preceding three years), History of Science Society, 1990.

Old Dominion Fellow, Princeton University, 1998-2000.

Visiting Scholar, Max Planck Institute for History of Science, Berlin, June 1996, June 1997, June 1998, April-August 2002, June-July 2003, August-September 2004, July-August 2005, May-July 2006, August 2008, September 2010.

Directeur de Recherche, Associé, La Villette and Ecole des Mines, Paris, March-June 1995.

NEH Fellowship, Interpretive Research, 1994-96.

Presidents Fellowship (University of California), 1990-91.

National Science Foundation, Senior Scholars Award, 1990-91.

Visiting Fellow, Wissenschaftskolleg, Berlin, 1987-88.

Visiting Fellow, Edelstein Center for the History and Philosophy of Science, Technology, and Medicine; and Visiting Professor, The Hebrew University, Jerusalem, April-June 1987.

NATO Senior Guest Fellowship, University of Pavia, Italy, March 1987

Fellow, Center for Interdisciplinary Research (ZIF), University of Bielefeld, Germany, 1982-83

Fulbright-Hays Senior Research Award, Deutsches Museum, Munich, Germany, 1979-80.

Employment:

University of California, Los Angeles: Distinguished Professor of History, 2000-present. Co-Director, Center for Society and Genetics, 2003-present
 Princeton University, Princeton, NJ: Professor of History, 1991-2000.
 University of California, Los Angeles: Professor of History, 1987-91; Associate Professor, 1981-87; Assistant Professor, 1976-81; Lecturer, 1975-76.
 Oregon State University, Corvallis, Oregon: Assistant Professor of Physics, 1969-71.
 Auburn University, Auburn, Alabama: Assistant Professor of Physics, 1967-69.

Published Books and Monograph Article:

Crosbie Smith and M. Norton Wise, *Energy and Empire: William Thomson, Lord Kelvin, 1824-1907* (Cambridge, Eng.; Cambridge University Press, 1989), 900 pages.

M.N. Wise, with the collaboration of Crosbie Smith, "Work and Waste: Political Economy and Natural Philosophy in Nineteenth Century Britain," *History of Science*, 27 (1989), Pt. I, 263-301; Pt. II, 391-449; Pt. III, 28 (1990), 221-261. (Monograph Series of Articles)

M.N. Wise (ed.), *The Values of Precision* (Princeton, NJ, Princeton University Press; 1995), with "Introduction" and synthetic essay, "Precision: Agent of Unity, Product of Agreement," pp. 3-12, 92-100, 222-235, 352-361. (Edited Volume)

M.N. Wise (ed.), *Growing Explanations: Historical Perspectives on Recent Science*, (Durham: Duke University Press, 2004). (Edited Volume)

Angela N.H. Creager, Elizabeth Lunbeck, and M.N. Wise (eds), *Science without Laws: Model Systems, Cases, and Exemplary Narratives* (Durham, NC: Duke University Press, 2007). (Edited Volume)

M.N. Wise, *Neo-Classical Aesthetics of Art and Science: Hermann Helmholtz and the Frog-Drawing Machine*, Hans Rausing Lecture 2007, Uppsala University (Uppsala: Tryck Wikströms, 2008), 49 pp.

Tiago Saraiva and M.N. Wise (eds), *Autarky/Autarchy: Genetics and the Political Economies of Fascism*, special issue of *Historical Studies in the Natural Sciences*, fall, 2010. (Edited Collection)

Published Articles and Reviews

D.H. Ehlers, H.B. Knowles, D.C. Pecka, and M.N. Wise, "Scattering Chamber for the

Study of Three-Body Reactions," *Review of Scientific Instruments*, 37 (1966), 1708-1710. (Research article)

M.N. Wise, H.B. Knowles, and S.M. Bunche, "Decay of the 17.28-MeV Level of ^9Be ," *Bulletin of the American Physical Society*, 12 (1967), 633. (Research abstract)

M.N. Wise and T. Kelley, "Fundamental Quantum Mechanics--A Graphic Presentation," *American Journal of Physics*, 45 (1977), 384-394. (Educational research article)

M.N. Wise, review of *The Early History of Planck's Radiation Law*, by Hans Kangro, in *Science*, 199 (1978), 1331-1332. (Review)

M.N. Wise, "The Mutual Embrace of Electricity and Magnetism," *Science*, 203 (1979), 1310-1318; reprinted in *History of Physics; Selected Reprints*, ed. S.G. Brush (AAPT; College Park, MD, 1988). (Research article)

M.N. Wise, "William Thomson's Mathematical Route to Energy Conservation: A Case Study of the Role of Mathematics in Concept Formation," *Historical Studies in the Physical Sciences*, 10 (1979), 49-83. (Research article)

M.N. Wise, "German Concepts of Force, Energy, and the Electromagnetic Ether: 1845-1880," in *History of Ether Theories in Modern Science*, ed. G.N. Cantor and M.J.S. Hodge (Cambridge; Cambridge U. Pr., 1981), pp. 269-307. (Research article)

M.N. Wise, "Atomism and Wilhelm Weber's Concept of Force," in *Atomvorstellungen im neunzehnten Jahrhundert*, ed. Charlotte Schönbeck (Paderborn; Schöningh, 1982), pp. 57-66. (Research article)

M.N. Wise, "The Flow Analogy to Electricity and Magnetism--Part I: William Thomson's Reformulation of Action at a Distance," *Archive for History of Exact Sciences*, 25 (1981), 19-70. (Research article)

M.N. Wise, "The Maxwell Literature and British Dynamical Theory," *Historical Studies in the Physical Sciences*, 13 (1982), 175-205. (Essay Review)

M.N. Wise, "On the Relation of Physical Science to History in Late Nineteenth Century Germany," in *Functions and Uses of Disciplinary Histories*, eds., L. Graham, W. Lepenies, & P. Weingart (Dordrecht, Reidel, 1983), Vol. VII of *Sociology of the Sciences: A Yearbook*, pp. 3-34. (Research article)

M.N. Wise, review of *Energy, Force, and Matter: The Conceptual Development of Nineteenth-Century Physics*, by P.M. Harmann, in *Science*, 219 (1983), 1317-1318. (Review)

M.N. Wise, "Social Statistics in a *Gemeinschaft*. The Idea of Statistical Causality as Developed by Wilhelm Wundt and Karl Lamprecht," in *Report Wissenschafts-forschung 25: Probability since 1800*, eds. M. Heidelberg, L. Krüger, & R. Rheinwald (Bielefeld; B. Kleine, 1983), pp. 97-129. (Research article)

M.N. Wise, review of *Springs of Scientific Creativity*, eds. R. Aris, H.T. Davis, & R. Steuwer, in *Isis*, 76 (1985), 91-92. (Review)

M.N. Wise and Crosbie Smith, "Measurement, Work, and Industry in Lord Kelvin's Britain," *Historical Studies in the Physical and Biological Sciences*, 17 (1986), 147-73. (Research article)

M.N. Wise, "How do Sums Count? On the Cultural Origins of Statistical Causality," in *The Probabilistic Revolution, 1800-1930: Dynamics of Scientific Development*, vol. I, *Ideas in History*, ed. L. Daston, M. Heidelberger, and L. Krüger (Cambridge, Mass.; MIT Press, 1986), 395-425. (Research article)

M.N. Wise, review of *Reflexions on the Motive Power of Fire, by Sadi Carnot*, ed. Robert Fox, in *Nature*, 326 (1987), 453. (Review)

M.N. Wise, "What Did 19th century British Physics Owe to Cambridge?", essay review of *Wranglers and Physicists: Studies on Cambridge Mathematical Physics in the Nineteenth Century*, ed. Peter Harman, and *From Maxwell to Microphysics: Aspects of Electromagnetic Theory in the Last Quarter of the Nineteenth Century*, by J.Z. Buchwald, in *Historical Studies in the Physical and Biological Sciences*, 17 (1987), 363-368. (Essay review)

M.N. Wise and Crosbie Smith, "The Practical Imperative: Kelvin Challenges the Maxwellians," in *Kelvin's 'Baltimore Lectures' and Modern Theoretical Physics: Historical and Philosophical Perspectives*, ed. R. Kargon and P. Atchinstein (Cambridge, Mass., 1987), 323-348. (Research article)

M.N. Wise, "Mediating Machines," *Science in Context*, 2 (1988), 81-117. (Research article)

M.N. Wise, "Theory vs. Practice," in W. Lepenies, ed., *Wissenschaftskolleg zu Berlin, Jahrbuch, 1987-88* (Berlin, 1989), 165-74. (Position paper)

M.N. Wise, review of *Kelvin and Stokes: A Comparative Study in Victorian Physics*, by D.B. Wilson, in *Isis*, 80 (1989), 712-713. (Review)

M.N. Wise, "Electromagnetic Theory in the 19th Century," in G.N. Cantor, J.R.R. Christie, M.J.S. Hodge, and R.C. Olby, eds., *Companion to the History of Modern*

Science (London, Routledge, 1990), 342-356. (Review article)

M.N. Wise, "Does the History of Physics Help Him?," essay review of *More Heat than Light*, by Philip Mirowski, in *Philosophy of the Social Sciences*, 22 (1992), 122-130. (Essay Review)

M.N. Wise, "Mediations: Enlightenment Balancing Acts, or the Technologies of Rationalism," in Paul Horwich, ed., *World Changes: Thomas Kuhn and the Nature of Science* (Cambridge, MA; MIT Press, 1992), pp. 207-256. (Research article)

M.N. Wise, "Enlacements dans l'éther, signaux sous la mer," *Les Cahiers de Science et Vie*, no. 17 (October, 1993), 44-61. (Research article)

M.N. Wise, "Pascual Jordan: Quantum Mechanics, Psychology, National Socialism," in M. Walker and M. Renneberg, eds., *Science, Technology, and National Socialism* (Cambridge University Press, 1994), 224-254; reprint in Peter Galison, ed., *History of Modern Physics*, 4 vols (Routledge, 2002). (Research article)

Robert M. Brain and M. Norton Wise, "Muscles and Engines: Indicator Diagrams in Helmholtz's Physiology," in *Universalgenie Helmholtz: Ruckblick nach 100 Jahren*, ed. Lorenz Krüger (Akademie Verlag, 1994), 124-145; reprinted in Mario Biagioli, ed., *The Science Studies Reader* (New York: Routledge, 1999), pp. 51-66. (Research article)

M.N. Wise, "The Helmholtz Program," essay review of *Hermann von Helmholtz and the Foundations of Nineteenth-Century Science*, David Cahan (ed.), in *Science*, 265 (1994), 974-976. (Essay Review)

M.N. Wise, "English Gardens in Berlin: Aesthetics, Technology, Power," in *Meaning in the Visual Arts: Views from the Outside: A Centennial Commemoration of Irwin Panofsky (1892-1968)*, ed. Irving Lavin (Princeton, 1995), pp. 237-254. (Research article)

M.N. Wise, review of *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life*, by Theodore M. Porter (1995), *British Journal for the History of Science*, 29 (1996), 246-247. (Review)

M.N. Wise, "The Enemy Without and the Enemy Within," essay review of *Higher Superstition: The Academic Left and Its Quarrels with Science*, by Paul R. Gross and Norman Levitt (1994), *Isis*, 87 (1996), 323-327. (Essay review)

M.N. Wise, "Sokal's Hoax: An Exchange," response to Steven Weinberg, *New York Review of Books*, 3 October 1996, 54-55. (Critique)

M.N. Wise, "Beating an Artificial Horse, Wobbly Legs and All," essay review of *The Flight from Science and Reason*, ed. P. R. Gross, N. Levitt, and M. W. Lewis, *American Scientist*, 85 (1997), 276-278. (Essay Review)

M.N. Wise, "Kultur als Ressource. Einflußtrunken: die Kommunikationsprobleme von Natur- und Geisteswissenschaften," *Frankfurter Rundschau*, 14 April 1998, p. 8. (Historiographical position paper)

M.N. Wise and David Brock, "The Culture of Quantum Chaos," *Studies in the History and Philosophy of Modern Physics*, 29 (1998), 369-389. (Research article)

M.N. Wise, "Architectures for Steam," in *The Architecture of Science*, Peter Galison and Emily Thompson, eds (Cambridge, MA, MIT Press, 1999), pp. 107-140. (Research article)

M.N. Wise, "Materialized Epistemology," essay review of Peter Galison, *Image and Logic*, in *Studies in the History and Philosophy of Modern Physics*, 30 (1999), 547-553. (Essay review)

M. N. Wise, "Le point de vue de M. Norton Wise", column appearing in *Les Cahiers de Science et Vie*, April 2000, p. 95; June 2000, p. 96; August 2000, p. 96; October 2000, p. 96; December 2000, p. 96. (Commentary on current issues of science and history)

M.N. Wise, "Henry Rowland and American Physics," Introduction to George Sweetnam, *The Command of Light* (Philadelphia, American Philosophical Society, 2000), pp. 15-25. (Historiographical essay)

M.N. Wise, "Kultur als Ressource: Die Rhetorik des Einflusses und die Kommunikationsprobleme zwischen Natur- und Humanwissenschaftlern", in Michael Scharping (ed.), *Wissenschaftsfeinde? "Science Wars" und die Provokation der Wissenschaftsforschung* (Münster, Westfälisches Dampfboot, 2001), 63-88. (Historiographical position paper)

M.N. Wise, "Lecture sous influences" (English title, "Creative Misreading: Maxwell Rewrites Thomson") *Les Cahiers de Science et Vie*, February 2002, pp. 54-62 (Research article)

M.N. Wise, "Time Discovered and Time Gendered in Victorian Science and Culture," in Bruce Clarke and Linda Henderson, eds, *Energy to Information: Representation in Science, Art, and Literature*, (Stanford, Stanford University Press, 2002), 39-58. (Research article)

M.N. Wise & Elaine M. Wise, "Reform in the Garden," *Endeavour*, 26 (2002), 154-

159. (Condensed research article, next entry)

M.N. Wise & Elaine M. Wise, "Staging an Empire," in Lorraine Daston (ed.), *Things that Talk* (Zone Books, 2003), 101-145, 391-399. (Research article)

M.N. Wise, "Dynamics all the Way Up" and "Afterward," introductory essay and conclusion in M.N. Wise (ed.), *Growing Explanations* (2004), pp. (Review Essays)

M. N. Wise, "Realism is Dead" (philosophical critique of R. Giere, *Explaining Science: A Cognitive Approach*), in Martin R. Jones and Nancy Cartwright (eds.), *Idealization XII: Correcting the Model : Idealization and Abstraction in the Sciences* (Amsterdam: Rodopi, 2005), 269-285. (Critique and Review Essay)

M.N. Wise, "William Thomson and Peter Guthrie Tait, *Treatise on Natural Philosophy* (1867)," in Ivor Grattan-Guinness (ed.), *Landmark Writings in Western Mathematics* (Amsterdam: Elsevier, 2005), 521-533. (Research Article)

M.N. Wise, "Making Visible," *Isis*, 97 (2006), 75-82. Introduces a special issue on visualization in science. (Essay)

M.N. Wise, "Thoughts on the Politicization of Science Through Commercialization," *Social Research*, 73 (2006), 1253-1272. (Essay)

M. N. Wise, "The Gender of Automata in Victorian Britain," in Jessica Riskin (ed.), *Genesis Redux* (Chicago: University of Chicago Press, 2007), 163-195. (Research article)

M.N. Wise, "Science as History," in Kostas Gavroglu and Jürgen Renn, *Positioning the History of Science* (Dordrecht: Reidel, 2007), 177-183. (Essay)

M.N. Wise, "What can Local Circulation Explain?" *HoST (Journal of the History of Science and Technology)*, 1 (2007), 15-73. (Adapted from *Bourgeois Berlin and Laboratory Science*, below). Lead article to inaugurate the new journal. (Research Article)

M.N. Wise, "Why 19th Century Automata Had no *Kraft*?" in Thomas Brandstetter and Christof Windgätter (eds.), *Zeichen der Kraft. Wissensformationen 1800-1900* (Berlin: Kulturverlag Kadmos, 2007), 81-107. Adapted from "The Gender of Automata in Victorian Britain," above. (Research Article)

M.N. Wise, "Thoughts on Politicization of Science Through Commercialization," in Martin Carrier & Alfred Nordmann (eds.), *Science in the Context of Application: Methodological Change, Conceptual Transformation, Cultural Reorientation* (Dordrecht: Springer, 2010), 19 pp. (Research Article)

In Progress

M.N. Wise, "The Machine View of Nature: Energy, Automata, and Evolution," in M.D. Laubichler, P. Hammerstein, and H.-J. Rheinberger (eds.), *Regulation: Current and Historical Themes in Theoretical Biology* (Cambridge, MA: MIT Press, 2010), 24 pages in manuscript. (Research Article)

M.N. Wise, "What's in a Line?" (originally presented as the Rothschild Distinguished Lecture, Harvard University, 2001), in Moritz Epple and Claus Zittel (eds.), *Science as Cultural Practice. Vol. 1: Cultures and Politics of Research from the Early Modern Period to the Age of Extremes* (Berlin: Akademie Verlag, 2010), 56 pages in manuscript plus 27 images. Largely adapted from chapters 5 and 8 of *Bourgeois Berlin and Laboratory Science*, below; greatly expands "What can Local Circulation Explain?" above. (Research article)

M.N. Wise, "On the Historicity of Scientific Explanations: The Role of Technologies," in Uljana Feest and Thomas Sturm (eds.), *Historical Epistemology*, special issue of *Erkenntnis* (in preparation). (Research article)

M.N. Wise, *Bourgeois Berlin and Laboratory Science* (manuscript drafted). (Book)

M.N. Wise, *Moments of Science: Intellectual and Technological Aspects*, 3 vols (long term project). (Book)

Invited Presentations (since 2005):

Oregon State University, "What's in a Line," 18 February 2005.

Indiana University, "What's in a Line," 4 March 2005.

ETH, Zurich, Switzerland, "The Gender of Automata in Victorian Britain," 28 April 2005.

Utrecht University, Utrecht, Netherlands, The UCLA-Utrecht Lecture, "Automata in Victorian Science and Culture," 12 May 2005.

London School of Economics, London, England, overall discussant for the workshop on "How Well do 'Facts' Travel?", 19-20 May 2005.

Woudschoten, The Netherlands, keynote address, "Bourgeois Culture and the Berlin Physical Society," and overall commentary on the conference of Dutch and Belgian

historians of science, "The Circulation of Scientific Knowledge and Practices: The Low Countries as an Historical Laboratory," 27-28 May 2005.

Deutsches Museum, Munich, Germany, "Pegasus: Models and Drawings as Wings of Industrialization in Prussia," 6 June 2005.

Mykonos, Greece, "How Fourier Analysis Became Rigorous, or How Functions Became Curves: A Dirichlet Narrative," for the conference, Mathematics and Narrative, 12-15 July 2005.

Annual Meeting, History of Science Society, Minneapolis, 3-6 November 2005, Chair: "Measure and Appetite: Concepts of Standard of Living in the 19th and 20th Centuries."

Iowa State University, "Automata in Victorian Science and Culture," 8 November 2005

UCLA, "Historical Narrative and Dirichlet's Concept of a Function," Conference on Philosophy in Science, 19 November 2005

Cornell University, "Pegasus and the Muses of Art, Industry, and Science: Berlin, 1820-1840," 24 April 2006.

Cornell University, "On the Problem of 'Influence' in Historical Explanation," for a methodological review of my work by graduate students in the Department of Science and Technology Studies, 25 April 2006.

Centre Koyré, Paris, "On the Aesthetics of Graphical Recording: Helmholtz's Frog Curves," 29 May 2006.

University of Lisbon, "What Can Local Circulation Explain? The Case of the Berlin Physical Society, 1845," keynote address, conference on The Circulation of Science and Technology: Places, Travels and Landscapes, 5 June 2006.

University of Lisbon, "On Politicization of Science and Commercialization of the Research University," *HoST* (journal), inaugural public lecture, 6 June 2006.

IFK, Vienna, "Why 19th Century Automata had no 'Kraft'," for the conference, Zeichen der Kraft: Wissensformationen 1800-1900, 22 June 2006.

Bielefeld University, Germany, "On Commercialization and Politicization of Science in the US," 12 July 2006.

Annual Meeting, History of Science Society, Vancouver, B.C., 2-5 November 2006, Chair and Commentator on the session "Language, Logic, and the Structure of the

Universe.”

UCLA, Public Symposium on The Genetic Marketplace, 21 January 2007, “Thoughts on Politicization of Science through Commercialization.”

University of British Columbia, Conference on Revisiting the Forman Thesis, 23-25 March 2007, “Forman Reformed, Again.”

Carnegie-Mellon University, public lecture, 15 October 2007, “Why Were Victorian Automata Female?”

Annual Meeting, SHOT (Society for the History of Technology), 19-20 October 2007, session on The Science-Technology Relationship: Responding to Paul Forman’s Critique, “Can ‘Post-Modern’ Cover this Ground?”

Annual Meeting, History of Science Society, 1-4 November 2007, Commentary on the session “Laboratories, Fascism and the Landscape.”

Uppsala University, The Hans Rausing Lecture, 5 December 2007, “Neo-Classical Aesthetics of Art and Science: Hermann Helmholtz and the Frog-Drawing Machine.”

UCLA, Global Fellows, “Thoughts on Politicization of Science through Commercialization,” 16 January 2008

Bielefeld University, IWT and Graduiertenkolleg (“Knowledge Society”), “Neo-Classical Aesthetics of Art and Science: Hermann Helmholtz and the Frog-Drawing Machine,” 7 July 2008

Bielefeld University, Conference on Science and Values, 8-9 July 2008, “Changing Values in Recent Science: The Role of Technology”

Max Planck Institute for History of Science, Berlin, Conference on Historical Epistemology, 24-26 July 2008, “On the Historicity of Scientific Explanations: The Role of Technologies”

Tulane University, Mellon Lecture, “Neo-Classical Aesthetics of Art and Science: Hermann Helmholtz and the Frog-Drawing Machine,” 3 April 2009

Bielefeld University, European Science Foundation, conference on Politicization of Science, “The Changing Landscape of Politicization,” 26 May 2009

Frankfurt University, “Neo-Classical Aesthetics of Art and Science: Hermann Helmholtz and the Frog-Drawing Machine,” 2 June 2009

History of Science Society Distinguished Lecture, "Science as Historical Narrative,"
Phoenix, 20 November 2009

University of Lisbon, "Science as Historical Narrative," 24 May 2010

Outside Professional Activities:

Associate Editor, *Historical Studies in the Physical and Biological Sciences*, 1980-2006

Editorial Board, *Philosophia Naturalis*, 1988-90

Editorial board, *Isis*, 1991-94

Editorial board, *Chinese Science*, 1992-1999

Conseiller, *Les Cahiers de Science et Vie*, nos. 52-54, 1999

Editorial board, *Studies in History and Philosophy of Modern Physics*, 1999-2001

Associate Editor, *Historical Studies in the Natural Sciences*, 2007-present

Editorial board, *Minerva: A Review of Science, Learning, and Policy*, 2007-present

Executive Committee, Division of the History of Physics, American Physical Society, 1984-87

President, West Coast History of Science Society, 1984-87

Committee for the Derek Price Award, History of Science Society, 1991-4 (chair 93-94)

Grants panel for History and Philosophy of Science (STS), National Science Foundation, 1991-95

Nominating Committee, AAAS, Division of History and Philosophy of Science, 1997-2000, chair 1999-2000

Member of Council, History of Science Society, 1999-2001

Director of Graduate Studies, Program in History of Science, Princeton University, 1991-2000

Organizer, Princeton Workshop in History of Science and Technology, 1991-2000

Member, International Organizing Consortium, Summer Academy, Max Planck Institute for History of Science, Berlin, 1997-2004

Co-organizer, research year, Interrelations of Art and Science, Max Planck Institute for History of Science, 2001-2002

Chair, Visiting Committee of Department of Science and Technology Studies, Cornell University, 11-14 November 2001

Chair, Visiting Committee of Department of History of Science, Harvard University, full appraisal and report, fall, 2002; interim appraisal and report, fall, 2007

Chair, Fachbeirat (Scientific Advisory Board), Max Planck Institute for History of Science, Berlin, Germany, 2005-present

Member, ex officio, Scientific Advisory Board, Berlin Consortium for History of Science (Humboldt University, Free University, and Max Planck Institute), 2007-present

Member, International Evaluation Committee for the Division of Humanities and Social

Sciences, Federal Technical University of Switzerland (ETH), 19-24 November 2006

UCLA Professional Activities

Co-organizer, Southern California Colloquium in the History of Science, Technology, and Medicine, 2000-2001, 2002-3, 2003-4

Co-organizer, Fermi Centenary Symposium, UCLA, 30 November-1 December 2001

Member, Institute of Pervasive Computing and Society (Chancellor-funded faculty group); four workshops in 2002-2003

Faculty Advisory Committee, Modern and Contemporary Studies Center, 2001-2005

Social Science Computing Committee, 2002-present

Co-Director, Center for Society and Genetics, 2004-present