Curriculum Vitae

Bruce J. Hunt

Department of History
University of Texas
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Education

1984 Ph.D., Department of the History of Science, Johns Hopkins University, Baltimore.

1979 B.A. (History) and B.S. (Physics), *magna cum laude*, University of Washington, Seattle.

Books

2010 *Pursuing Power and Light: Technology and Physics from James Watt to Albert Einstein* (Baltimore: Johns Hopkins University Press).

1991 *The Maxwellians* (Ithaca, NY: Cornell University Press); paperback, 1994; reissued, 2005.

Scholarly Articles

2007 "'Our Friend of Brilliant Ideas': G. F. Fitzgerald and the Maxwellian Circle," *European Review* 15: 531–44; repr. in Denis Weaire (ed.), *George Francis Fitzgerald* (Pöllauberg, Austria: Living Edition, 2009), pp. 29–42.

2004 Articles on "George Francis FitzGerald," "Oliver Heaviside," "Sir William Henry Preece," "Cromwell Fleetwood Varley," and "Edward Orange Wildman Whitehouse," in the *Oxford Dictionary of National Biography* (Oxford: Oxford University Press).

2004 Articles on "Latimer Clark," "George Francis FitzGerald," and "Oliver Heaviside," in Bernard Lightman (ed.), *Thoemmes Dictionary of Nineteenth Century British Scientists* (Bristol: Thoemmes Continuum Press).

2003 Article on "A. A. Michelson," in J. L. Heilbron (ed.), *Oxford Companion to the History of Modern Science* (Oxford: Oxford University Press), pp. 521–22; repr. in Heilbron (ed.), *Oxford Guide to the History of Physics and Astronomy* (Oxford: Oxford University Press, 2005), pp. 216–17.

2003 "Electrical Theory and Practice in the Nineteenth Century," in Mary Jo Nye (ed.), Volume V., *Modern Physical and Mathematical Sciences*, pp. 311–27, of David C. Lindberg and Ronald L. Numbers (eds.), *The Cambridge History of Science* (Cambridge: Cambridge University Press).

2002 "Lines of Force, Swirls of Ether," in Bruce Clarke and Linda Dalrymple Henderson (eds.), *From Energy to Information: Representation in Science, Art, and Literature* (Stanford: Stanford University Press), pp. 99–113.

1998 "Insulation for an Empire: Gutta-Percha and the Development of Electrical Measurement in Victorian Britain," in Frank A.J.L. James (ed.), *Semaphores to Short Waves* (London: Royal Society of Arts), pp. 85–104.

1997 "Doing Science in a Global Empire: Cable Telegraphy and Victorian Physics," in Bernard Lightman (ed.), *Victorian Science in Context* (Chicago: University of Chicago Press), pp. 312–33.

1996 "Scientists, Engineers and Wildman Whitehouse: Measurement and Credibility in Early Cable Telegraphy," *British Journal for the History of Science* 29: 155–70.

1994 "The Ohm is Where the Art Is: British Telegraph Engineers and the Development of Electrical Standards," *Osiris* 9: 48–63.

1991 "Michael Faraday, Cable Telegraphy, and the Rise of British Field Theory," *History of Technology* 13: 1–19.

1991 "Rigorous Discipline: Oliver Heaviside versus the Mathematicians," in Peter Dear (ed.), *The Literary Structure of Scientific Argument: Historical Studies* (Philadelphia: University of Pennsylvania Press), pp. 72–95.

1988 "The Origins of the FitzGerald Contraction," *British Journal for the History of Science* 21: 67–76.

1987 "'How My Model Was Right': G. F. FitzGerald and the Reform of Maxwell's Theory," in Robert Kargon and Peter Achinstein (eds.), *Kelvin's Baltimore Lectures and Modern Theoretical Physics: Historical and Philosophical Perspectives* (Cambridge: MIT Press), pp. 299–321.

1986 "Experimenting on the Ether: Oliver J. Lodge and the Great Whirling Machine," *Historical Studies in the Physical and Biological Sciences* 16: 111–34.

1983 "'Practice vs. Theory': The British Electrical Debate, 1888–1891," *Isis* 74: 341–55.

Popular Articles

2004 "Lord Cable," *Europhysics News* (November/December) 35: 186–88.

1999 "L'empire du câble," *Les Cahiers de Science et Vie* (April) 58–63.

1995 "The Scientific Revolution," lecture at December 1994 Austin meeting of the Philosophical Society of Texas on "The Controversial Cosmos," published in *Proceedings of the Philosophical Society of Texas 58*: 81–87.

1995 "Un débat sur la nature de la lumière," *Les Cahiers de Science et Vie* (Feb.) 24–28.

1993 "La moisson des Maxwelliens," *Les Cahiers de Science et Vie* (Oct.) 62–70.

Book reviews

Ian R. Bartky, *One Time Fits All: The Campaigns for Global Uniformity* (2007), in *Isis* (2009) 100: 168–69.

Katharine Anderson, *Predicting the Weather: Victorians and the Science of Meteorology* (2005), in *Victorian Review* (2007) 33: 137–38.

David Kaiser (ed.), *Pedagogy and the Practice of Science: Historical and Contemporary Perspectives* (2005), in *British Journal for the History of Science* (2007) 40: 144–45.

Robert Fox and Graeme Gooday (eds.), *Physics in Oxford, 1839–1939: Laboratories, Learning, and College Life* (2005), in *Isis* (2006) 97: 767–68.

Thomas K. Simpson, *Figures of Thought: A Literary Appreciation of Maxwell's Treatise on Electricity and Magnetism* (2005), in *Centaurus* (2006) 48: 324–25.

Basil Mahon, *The Man Who Changed Everything: The Life of James Clerk Maxwell* (2003), in *British Journal for the History of Science* (2006) 39: 303.

Graeme J. N. Gooday, *The Morals of Measurement: Accuracy, Irony, and Trust in Late Victorian Electrical Practice* (2004), in *Annals of Science* (2006) 63: 246–47.

P. M. Harman (ed.), *The Scientific Letters and Papers of James Clerk Maxwell*, 3 vols. (1990–2002), in *British Journal for the History of Science* (2005) 38: 485–87.

Jed Z. Buchwald and Andrew Warwick (eds.), *Histories of the Electron: The Birth of Microphysics* (2001), in *British Journal for the History of Science* (2005) 38: 117–18.

Gavin Weightman, *Signor Marconi's Magic Box: The Most Remarkable Invention of the Nineteenth Century and the Amateur Inventor Whose Genius Sparked a Revolution* (2003), in *Isis* (2004) 95: 154–55.

Gillian Cookson and Colin A. Hempstead, *A Victorian Scientist and Engineer: Fleeming Jenkin and the Birth of Electrical Engineering* (2000), in *Annals of Science* (2004) 61: 127–39.

K. G. Beauchamp, *A History of Telegraphy: Its Technology and Application* (2001), in *British Journal for the History of Science* (2002) 35: 371–73.

Frank A. J. L. James (ed.), *The Correspondence of Michael Faraday, Vol. 4* (1999), in *Isis* (2001) 91: 792–94.

Alison Winter, *Mesmerized: Powers of Mind in Victorian Britain* (1998), in *American Historical Review* (2000) 105: 1388–89.

P. M. Harman, *The Natural Philosophy of James Clerk Maxwell* (1998), in *Isis* (2000) 91: 370–71.

Crosbie Smith, *The Science of Energy: A Cultural History of Energy Physics in Victorian Britain* (1998), in *American Scientist* (2000) 88: 91–92.

Iwan Rhys Morus, *Frankenstein's Children: Electricity, Exhibition, and Experiment in Early-Nineteenth-Century London* (1998), in *American Scientist* (1999) 87: 475–76.

Jed Z. Buchwald (ed.), *Scientific Credibility and Technical Standards in Nineteenth and Twentieth Century Germany and Britain* (1996), in *Isis* (1999) 90: 128–29

Robert Fox (ed.), *Technological Change: Methods and Themes in the History of Technology* (1996), in *Annals of Science* (1998) 55: 213–14.

Ido Yavetz, *From Obscurity to Enigma: The Work of Oliver Heaviside, 1872–1889* (1995), in *Isis* (1996) 87: 379–80.

Charles Susskind, *Heinrich Hertz: A Short Life* (1995), in *Science* (1996) 272: 697.

Jed Z. Buchwald, *The Creation of Scientific Effects: Hertz and Electric Waves* (1994), in *American Scientist* (1995) 83: 584–85.

David C. Lindberg, *The Beginnings of Western Science: The European Scientific Tradition in Philosophical, Religious, and Institutional Context, 600 B.C. to A.D. 1450* (1992), in *Libraries and Culture* (1995) 30: 102–103.

Peter Rowlands, *Oliver Lodge and the Liverpool Physical Society* (1990), in *English Historical Review* (1994) 109: 508.

Claude S. Fischer, *America Calling: A Social History of the Telephone to 1940* (1992), in *Libraries and Culture* (1994) 29: 245–46.

Paul Tunbridge, *Lord Kelvin: His Influence on Electrical Measurements and Units* (1992), in *Annals of Science* (1994) 51: 680–81.

Daniel M. Siegel, *Innovation in Maxwell's Electromagnetic Theory: Molecular Vortices, Displacement Current, and Light* (1991), in *Physics Today* (1992) 45: 68.

Frank A. J. L. James (ed.), *The Correspondence of Michael Faraday, Vol. 1* (1991); Geoffrey Cantor, *Michael Faraday: Sandemanian and Scientist* (1991); and three other books on Faraday; in *Science* (1992) 256: 1059–60.

Peter Harman (ed.), *The Scientific Letters and Papers of James Clerk Maxwell, Vol. 1, 1846–1862* (1990), in *Physis* (1991) 28: 986–89.

Donald S. L. Cardwell, *James Joule, A Biography* (1990), in *Physis* (1991) 28: 619–20.

David B. Wilson (ed.), *The Correspondence between Sir George Gabriel Stokes and Sir William Thomson, Baron Kelvin of Largs* (1990), in *Science* (1991) 252: 991–92.

G. F. C. Searle, *Oliver Heaviside, The Man* (1987), in *Isis* (1989) 80: 712.

J. G. O'Hara and Willibald Pricha, *Hertz and the Maxwellians* (1987), in *British Journal for the History of Science* (1989) *22:* 392–93.

John H. Bryant, *Heinrich Hertz: The Beginning of Microwaves* (1988), in *Isis* (1989) 80: 186.

David Reisman, *Alfred Marshall: Progress and Poverty* (1987), in *Albion* (1988) 20: 661–62.

John Hendry, *James Clerk Maxwell and the Dynamical Theory of the Electromagnetic Field* (1986), in *Isis* (1988) 79: 735–36.

Edmund Whittaker, *A History of the Theories of Aether and Electricity* (new edn., 1987), in *Isis* (1988) 79: 515–16.

Hugh G. J. Aitken, *The Continuous Wave: Technology and American Radio, 1900–1932* (1985), in *Technology and Culture* (1987) 28: 173–75.

Jed Z. Buchwald, *From Maxwell to Microphysics* (1985), in *American Historical Review* (1986) 91: 888–89.

Invited Papers and Presentations

2009 "Fat Men, Not Little Boys: The Trinity Test and the Use of the First Atomic Bombs," annual meeting of the History of Science Society, Phoenix.

2009 "Engineering Equations: Maxwell, Measurement, and the Electromagnetic Field," History of Science Colloquium, University of Texas.

2007 "Lord Cable: Telegraphy, Empire, and the Making of Lord Kelvin PRS," Royal Society of London.

2007 "Kelvin the Telegrapher," Institute of Physics symposium to mark the hundredth anniversary of the death of Lord Kelvin, Glasgow University.

2006 "Cable Telegraphy, Electrical Measurement, and the Formulation of Maxwell's Field Theory," International Electrotechnical Commission symposium on the history of electrical science and technology, University of Leeds.

2006 "Fat Men, not Little Boys: The Trinity Test and the Use of the First Atomic Bombs," Great Works Symposium, Drexel University, Philadelphia.

2006 "Engineering Equations: Maxwell, the Ohm, and the Electromagnetic Field," colloquium, History Department, University of California at Los Angeles.

2005 "The Image of Einstein," lecture at the opening of a commemorative exhibit, Dell Jewish Community Center, Austin.

2005 "The Place of the History of Science in Science Education," panel discussion, Reilly Center for Science, Technology, and Values, Notre Dame University.

2004 "Bringing the History of Science into the Science and Mathematics Classroom," special session on education, annual meeting of the History of Science Society, Austin.

2003 "Fat Men, not Little Boys: The Trinity Test and the Use of the First Atomic Bombs," colloquium, Department of Science and Technology Studies, Cornell University, Ithaca, NY.

2003 "Power and Light: Steam, Electricity, and Science in the Nineteenth Century," public lecture, University of Oklahoma, Norman, OK.

2003 "Fat Men, not Little Boys: The Trinity Test and the Use of the First Atomic Bombs," colloquium, Department of the History of Science, University of Oklahoma, Norman, OK.

2002 "The Scientific Work and Reputation of Benjamin Franklin," roundtable discussion, Faculty Seminar in British Studies, University of Texas.

2001 "Sunday: Time, the Church, and Astronomy in Early Modern Europe," for a lecture series on cultural aspects of time, University of Texas Continuing Education program.

2001 "Fraud and Deception in Science," at the Social and Personality Area Meeting, University of Texas Department of Psychology.

2001 "'Our Friend of Brilliant Ideas': G. F. FitzGerald and the Maxwellians," at a symposium to mark the dedication of the FitzGerald Building, Department of Physics, Trinity College Dublin, Ireland.

2001 "The Electric Word: The Origins of Telecommunications," at the opening of an exhibition of historic scientific instruments, Southwestern University, Georgetown, TX.

2001 "Maxwell, Measurement, and Model-Building: Electromagnetic Theory in the 1860s," at the Program in the History and Philosophy of Science, University of Texas.

2000 "Teaching the History of the Atomic Bomb," at a special session on teaching controversial subjects in the history of science, annual meeting of the History of Science Society, Vancouver, BC.

2000 "The End of the World in the Nineteenth Century," at the Hyper-Velocity Impact Symposium 2000, Galveston, Texas.

2000 "Taking the Measure of James Clerk Maxwell," at the Department of the History of Science, Medicine, and Technology, Johns Hopkins University, Baltimore.

2000 "The History of Science and the History of the World," at the World 2000 conference, Austin.

1999 "Taking the Measure of Maxwell's *Treatise*," at the annual meeting of the History of Science Society, Pittsburgh.

1999 "Maxwell's Equations and Cable Telegraphy," at the Institute for Advanced Technology, University of Texas at Austin.

1999 "When the Earth Moved: The Copernican Revolution and the Authority of Science," Honored Guest Lecture in History, Cottey College, Nevada, Missouri.

1998 "Telegraphy and Time: G. B. Airy and the Telegraphic Determination of Longitude," at a conference on "Science on the Map," University of Washington, Seattle.

1997 "Lines of Force, Swirls of Ether," at the conference "From Energy to Information: Representation in Science, Art, and Literature," University of Texas at Austin.

1997 "To Rule the Waves: British Cable Telegraphy and the Making of 'Maxwell's Equations,' " at the Physics Department, Texas A&M University.

1996 "Cables and Empire," at a conference on the history of telecommunications, Royal Society of Arts, London.

1995 "Doing Science in a Global Empire: Cable Telegraphy and Electrical Physics in Victorian Britain," at a conference on "Contexts of Victorian Science," York University, Toronto.

1994 "Insulation for an Empire: Gutta-Percha and the Development of Electrical Measurement in Victorian Britain," at a workshop conference on "Materials in Science," Princeton University.

1993 "Practical Men, Impractical Men, and Scientists: Measurement and Credibility in early Cable Telegraphy," at a conference on nineteenth century electrical science and technology, Dibner Institute for the History of Science and Technology, MIT.

1992 "The Ohm is Where the Art Is: Electrical Standards in Victorian Telegraphy," at the annual meeting of the History of Science Society, Washington, DC.

1992 "Cable Telegraphy and the Development of British Field Theory," at the Physics Department, Texas Tech University.

1991 "British Telegraph Engineers and the Development of Electrical Measurement in the mid-19th Century," at a symposium on the history of physics, Cambridge University.

1991 "To Rule the Waves: British Cable Telegraphy and the Making of 'Maxwell's Equations,'" at the program in the history of science, Cornell University.

1990 "Oliver J. Lodge and the Great Whirling Machine," at an Institute of Physics symposium, Liverpool University.

1990 "Michael Faraday and Early Cable Telegraphy," at the Royal Institution, London.

1989 "FitzGerald and the Physics of the Ether," at the Department of Physics, Trinity College Dublin.

1989 "Submarine Cable Telegraphy and British Field Theory, 1850–1880," at a symposium on the history of science-based industry, Oxford University.

1989 " 'Imperial Science': Submarine Cables and the Development of British Field Theory," at the Department of History and Philosophy of Science, Cambridge University.

1988 "Cable Telegraphy and British Field Theory," at a joint meeting of the History of Science Society and the British Society for the History of Science, Manchester, England.

1987 "The Maxwellians and Telegraphy: The Interaction of Science and Technology," at the annual meeting of the History of Science Society, Raleigh, North Carolina.

1985 "Heaviside the Telegrapher," at the annual meeting of the History of Science Society, Bloomington, Indiana.

1985 " 'Imperial Science': Submarine Cables and British Field Theory in the 19th Century," National Museum of American History, Smithsonian Institution, Washington, DC.

1985 " 'How My Model Was Right': FitzGerald and the Reform of Maxwell's Theory," at the annual meeting of the British Society for the History of Science, Royal Irish Academy, Dublin.

1983 "Oliver J. Lodge and the Great Whirling Machine," at the Department of History, Princeton University.

1982 "G. F. FitzGerald and the Early Days of Relativity Theory," at the Department of Physics, Trinity College Dublin.

1982 "FitzGerald and the Ether," at the Royal Irish Academy, Dublin.

1981 "The Origins of the FitzGerald Contraction," at the annual meeting of the History of Science Society, Philadelphia.

Honors and Awards

2007 Awarded a UT History Department fellowship to support a semester of research leave (fall 2007).

2002 Awarded a University of Texas Faculty Research Assignment for 2003–2004 to support a semester of leave for research and writing on physics and technology in the nineteenth century.

2002 Received a $5000 UT President's Associates Teaching Excellence Award.

2001 Awarded a College of Liberal Arts Dean's Fellowship to support a semester of research leave (spring 2002).

1989 Awarded a $40,000 National Science Foundation grant to spend 1989–90 at Cambridge University studying the interaction of telegraphy and physics in nineteenth century Britain.

1989 Elected a Visiting Fellow of Clare Hall, Cambridge, for 1989–90; subsequently elected a Life Member of the college.

1989 Received $1000 Texas Excellence Teaching Award (College of Liberal Arts), sponsored by the University of Texas Ex-Students' Association.

1986 Awarded a UT University Research Institute summer research grant.

1984 Awarded a Smithsonian Institution postdoctoral fellowship; spent 1984–85 doing research at the National Museum of American History.

1981 Awarded a Fulbright fellowship for study in Britain, 1981–82; affiliated with University College London.

1980 Awarded the Schuman Prize [now the Reingold Prize] by the History of Science Society for the best graduate student paper of the year.

Public and Professional Service

2009–	Member of the NASA Fellowship Committee of the History of Science Society (HSS); chair, 2010.
2005–	Member of the Editorial Board of the Pickering & Chatto monograph series "Science and Culture in the Nineteenth Century."
2005–07	Chair of a special HSS Long Range Planning Committee.
2005	Member of the Nominating Committee of the HSS.
2004–07	Member of the Council of the HSS.
2004	Local Arrangements Chair for the annual HSS meeting, held in Austin.
2000–06	Member of the Committee on Publications of the HSS; chair, 2005–06.
1999–2006	Member of the Committee on Meetings and Programs of the HSS; Chair, 2000–01.
1999	Chair and commentator for a session at the Austin meeting of the Omohundro Institute of Early American History and Culture.
1998–2000	Member of the Pfizer Award Committee of the HSS, to select the outstanding book in the field for the year; chair, 2000.
1996	Member of the Nominating Committee of the HSS.
1994	Speaker at the annual meeting of the Philosophical Society of Texas.
1994–97	Member of the Dibner Visiting Scholars Committee of the HSS.
1990–94	Member of the editorial board of *History of Technology*.
1985	Commentator (with Dr. Pete Daniel) for a nationally-distributed Radio Smithsonian program on the history of rural electrification.
——	Since 1987, I have refereed article submissions for *Isis, Technology and Culture, British Journal for the History of Science, Journal of American History, Science in Context, Annals of Science, Historical Studies in the Natural Sciences, American Journal of Physics, Science and Education, Studies in History and Philosophy of Science, Studies in History and Philosophy of Modern Physics, IEEE Transactions on Plasma Science* and *IEEE Transactions on Education*; manuscripts and book

proposals for Oxford, Cambridge, Princeton, Harvard, and Lehigh University Presses, University of Texas Press, University of Chicago Press, Pickering & Chatto, W. W. Norton, Broadview Press, Houghton Mifflin, and Harper & Row; grant proposals for the National Science Foundation and the National Endowment for the Humanities; and candidates for hiring or promotion at Caltech, the University of Kent at Canterbury, and the University of Leeds.

—— In 1988 I helped found and hosted the first meeting of the Lone Star History of Science group, which each spring brings together historians of science from around Texas. I spoke at the 1991 meeting in Nacogdoches and also hosted the 1992, 1995, 1998, 2003, 2005, and 2008 meetings in Austin.

—— In 2007 I helped found the University of Texas History of Science Colloquium, at which both internal and visiting speakers present talks and papers on the history of science, technology, and medicine.

University and Departmental Service

2009– Member of the History Department Executive Committee.

2008–09 Member of the Steering Committee of the University of Texas Institute for Historical Studies.

2008 Chair of the History Department Lathrop Prize Committee to select the best dissertation of the year.

2007–08 Chair of a History Department search committee in history of science.

2002–07 Graduate Adviser, History Department; chair of the Graduate Program Committee, Graduate Studies Committee, and Graduate Admissions Committee.

2002–03 Member of the University of Texas Graduate Assembly

2002–03 Chair of a History Department search committee in history of science.

2002–03 Member of the History Department Internal Assessment Committee.

2001–02 Member of the History Department Post-Tenure Review Committee.

2001 Member of the History Department Graduate Program Committee.

2001 Chair of the History Department Dora Bonham Fund Committee.

2001 Member of a committee appointed by the Dean of Liberal Arts to advise him on selecting a new chair for the Philosophy Department.

2001 Honors adviser, History Department.

2000–03 Member of the History Department senior search committee.

2000–01 Member of the History Department Budget Council.

1998–2003 Member of the History Department Dora Bonham Fund Committee.

1998–2000 Member of the University of Texas International Education Fee Scholarship Committee.

1997 Member of the History Department Lathrop Prize Committee to select the best dissertation of the year.

1995–96 Member of a History Department committee to revise the graduate program.

1994 Member of the History Department Lathrop Prize Committee to select the best dissertation of the year.

1993–97 Member of the History Department Graduate Program Committee.

1992–93 Associate professor representative to the History Department Budget Council.

1992–93 Chair of the History Department European Area Committee.

1992 Member of the History Department Perry Prize Committee to select the best Master's Thesis of the year.

1991–93 Undergraduate adviser, History Department.

1990–91 Member of a History Department search committee in American history.

1987–88 Member of a History Department search committee in American history.

1987–88 Member of a committee appointed by the Dean of Liberal Arts to advise him on selecting a chair for the History Department.

1986–88 Member of the History Department Budget Council.

1986 Member of the History Department Lathrop Prize Committee to select the best Dissertation of the year.

Teaching Experience

1992– Associate professor, History Department, University of Texas at Austin.

1985–92 Assistant professor, History Department, University of Texas at Austin.

I have taught lecture courses on the Scientific Revolution, the history of modern science, and the atomic bomb; undergraduate seminars on Galileo, Darwin, the Industrial Revolution, and electrification; graduate seminars on the history of modern science and technology, themes and problems in the history of science, philosophy of science in the 20th century, the literature of modern European history, and education in Victorian Britain; and a wide range of conference courses. I have also taught the departmental honors seminar in historical methods, freshman seminars in the history of science for the Plan II honors program, a course ("Perspectives on Science and Mathematics") in the UTeach–Natural Sciences program for prospective secondary school science and mathematics teachers, and, with Professor Linda Henderson of Art History, a freshman "Signature Course" on the history of science and art. I have supervised one completed doctoral degree (that of Gregory Cushman, now an assistant professor of history at the University of Kansas) and four master's degrees, and currently supervise four doctoral students; I have served on the doctoral committees of students in History, Philosophy, English, Government, American Studies, Women's Studies, Comparative Literature, Art History, Speech Communication, Music, Library Science, Radio–Television–Film, and Urban Planning. Students working under my supervision have won several of our annual departmental prizes: the Lathrop Prize for the best dissertation in 2004; the Perry Prize for the best master's thesis in 1991; the Ferguson Prize for the best senior honors thesis in 1988, 1999, and 2002; and the Segrè Prize for the best undergraduate seminar paper in 1994, 1995, and 2000.

1984 Instructor, Johns Hopkins University, where I taught a survey course on the history of modern science.

Professional affiliations

History of Science Society
Society for the History of Technology
British Society for the History of Science
Lone Star History of Science Group