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Thomas A. Edison Papers
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CURRENT POSITION

Director and General Editor, Thomas A. Edison Papers, Rutgers University

EDUCATION

Ph.D. Rutgers University, History, 1989. (Dissertation: "From the Machine Shop to the Industrial Laboratory: Telegraphy and the Changing Context of American Invention, 1830–1920.")

M.A. University of California, Santa Barbara, 1980, Public Historical Studies Program. (Thesis: "Spanning the Golden State: A History of the Highway Bridge in California.")

B.A. California Polytechnic State University, San Luis Obispo, 1976, History. (Thesis: "Halcyon California: The Story of a West Coast Utopia.")

PROFESSIONAL EXPERIENCE

Director and General Editor, Thomas A. Edison Papers, Rutgers University, 2002–

Co-Editor, Thomas A. Edison Papers, Rutgers University, 2001–2002

Managing Editor, book edition, Thomas A. Edison Papers, Rutgers University, 1995–2001

Associate Editor. Thomas A. Edison Papers, Rutgers University. 1992–1995

Assistant Editor. Thomas A. Edison Papers, Rutgers University. 1984–1992

Editorial Associate. Thomas A. Edison Papers, Rutgers University. 1980–1984

Research Historian. Edison National Historic Site Contract Study. 1980

Research Historian. Historic American Engineering Record, Inventory of Historic Engineering Sites in California. 1978–1979

GRANTS AND FELLOWSHIPS

Principal Investigator, Thomas A. Edison Papers, New Jersey Historical Commission Grants, 2011–2014, 2009–2011, 2007–2009, 2007–2008, 2002–2007

Principal Investigator, Thomas A. Edison Papers, National Endowment for the Humanities Grants, 2011–14, 2009–2011, 2007–2009, 2005–2007, 2003

Principal Investigator, Thomas A. Edison Papers, National Historical Publications and Records Commission Grants, 2011–2014, 2008–2011, 2005–2008, 2002–2005

Principal Investigator, Thomas A. Edison Papers, Historical Editing Fellowship, National Historical Publications and Records Commission Grant, 2008–2009

Thomas A. Edison Papers internal fellowship, Alfred P. Sloan Foundation Grant, 1996

National Endowment for the Humanities Interpretive Research Grant, Program in Humanities, Science and Technology, 1991–93

John E. Rovensky Fellowship in Business and Economic History, 1986–87

IEEE Fellowship in Electrical History, 1985–86

AWARDS AND HONORS

Eugene S. Ferguson Prize (*Papers of Thomas A. Edison*), Society for the History of Technology, 2005

Edelstein (Dexter) Prize (*Edison: A Life of Invention*), Society for the History of Technology, 2000

New Jersey Historical Commission Award of Recognition, 1991
Outstanding Alumnus, School of Liberal Arts, California Polytechnic State University, San Luis Obispo, 1990
Outstanding book in business and economics (*The Papers of Thomas A. Edison, Vol. 1*), Association of American Publishers, 1989

PUBLICATIONS

Books and Editions

The Papers of Thomas A. Edison, Volume 8, New Beginnings (1885–1887). With Louis Carlat, et al. (Johns Hopkins University Press, in press).
The Papers of Thomas A. Edison, Volume 7, Losses and Loyalties (April 1883–December 1884). With Louis Carlat, et al. (Johns Hopkins University Press, 2011).
Edison's Electric Light; The Art of Invention. (Johns Hopkins University Press, 2010). With Robert Friedel.
Thomas A. Edison Papers: A Selective Microfilm Edition, Part V (1911–1919). (University Publications of America, 2008). With Thomas E. Jeffrey et al.
The Papers of Thomas A. Edison, Volume 6, Electrifying New York and Abroad (April 1881–March 1883). (Johns Hopkins University Press, 2007). With Louis Carlat, et al.
The Papers of Thomas A. Edison, Volume 5, From Research to Development at Menlo Park (January 1879–March 1881). (Johns Hopkins University Press, 2004). With Louis Carlat, et al.
Thomas A. Edison Papers: A Selective Microfilm Edition, Part IV (1899–1910) (University Publications of America, 1999). With Thomas E. Jeffrey et al.
Edison: A Life of Invention (John Wiley & Sons, 1998).
The Papers of Thomas A. Edison, Volume 4, The Wizard of Menlo Park (1878) (Johns Hopkins University Press, 1998). With Louis Carlat and Keith Nier.
The Papers of Thomas A. Edison, Volume 3, Menlo Park: The Early Years (1876–1877) (Johns Hopkins University Press, 1994). With Robert Rosenberg et al.
Thomas A. Edison Papers: A Selective Microfilm Edition, Part III (1887–1898) (University Publications of America, 1994). With Thomas E. Jeffrey et al.
From Machine Shop to Industrial Laboratory: Telegraphy and the Changing Context of American Invention, 1830–1920 (Johns Hopkins University Press, 1992).
The Papers of Thomas A. Edison, Volume 2, From Workshop to Laboratory (1873–1876) (Johns Hopkins University Press, 1991). With Robert Rosenberg et al.
The Papers of Thomas A. Edison: Volume 1, The Making of an Inventor (1847–1873) (Johns Hopkins University Press, 1989). With Reese V. Jenkins et al.
Thomas A. Edison Papers: A Selective Microfilm Edition, Part II (1879–1886) (University Publications of America, 1987). With Thomas E. Jeffrey et al.
Edison's Electric Light: Biography of an Invention (Rutgers University Press, 1986). With Robert Friedel.
Thomas A. Edison Papers: A Selective Microfilm Edition, Part I (1850–1878). (University Publications of America, 1985). With Thomas E. Jeffrey et al.

Articles and Chapters

"Claim the Earth: Protecting Edison's Inventions at Home and Abroad" in Graham Duffield and Stathis Arapostathis (eds), *Knowledge Management and Intellectual Property: Concepts, Actors and Practices from the Past to the Present* (Edward Elgar, 2013).
"The Garden State Becomes an Industrial Power: New Jersey in the Nineteenth" in Maxine N. Lurie and Richard Veit (eds.), *New Jersey: A History of the Garden State* (Rutgers University Press, 2012)
"Edison's Laboratory," *History Now Online*, December 2006

- "Underrated Entrepreneur: Thomas Edison's Overlooked Business Story," *IEEE Power & Energy Magazine*, 3 (January/February 2005): 76–79. With Blaine McCormick.
- "Thomas Alva Edison: Battery and Device Innovation in Response to Application Needs." *Journal of Power Sources* 136 (2004): 356–65. With Alvin Salkind.
- Inventing Industrial Research: Thomas Edison and the Menlo Park Laboratory." *Endeavor* 26 (2002): 48–54.
- "Mina Edison: An Inventor's Wife." *Timeline*. 19 (2001): 2–19.
- "The Unknown History of the Tinfoil Phonograph." *NARAS Journal* (Winter/Spring 1998): 29–42.
- "Du Télégraphe À L'Ampoule; La Puissance de L'Analogie." *Les Cahiers de Science & Vie* (April 1996): 50–56.
- "Patent Office Records as a Historical Resource: The Case of Thomas Edison." *Technology and Culture*. 32 (October 1991): 1094–1101. With Robert Rosenberg.
- "The Transfer of Nineteenth-Century Telegraph Technologies" in David Jeremy, ed., *International Technology Transfer: Europe, Japan and the USA, 1700–1914* (Gower Publishing Company, 1991). With Keith Nier.
- "Telegraphy and Edison's Invention Factory" in William S. Pretzer, ed., *Working at Inventing: Thomas A. Edison and the Menlo Park Experience* (Henry Ford Museum and Greenfield Village, 1989; Johns Hopkins University Press, 2002).
- "American Business and Technology in Edison's Time." *IEEE Power Engineering Review*. 17 (1997): 6–10.
- "Thomas A. Edison: Flamboyant Inventor." *IEEE Spectrum*. 21 (December 1984): 74–79. With Reese V. Jenkins.
- "From Rubble to Revival: The Rebuilding of a City" in *Environmental Hazards and Community Response: The Santa Barbara Experience*. Public Historical Studies Monograph No. 2 (University of California, Santa Barbara, 1979).
- "Recording Bridges: HAER in California." *The Public Historian* 1 (1979): 60–62.

Articles in Encyclopedias and Guides

- "Inventing Thomas Edison," Exhibit Catalog, artist Kirsten Pieorth. 2004.
- "Thomas Edison," Leikon der bedeutenden Naturwissenschaftler. Spektrum Akademischer Verlag, 2003.
- "Thomas Edison," "Telegraph," "Jonas Aylsworth." *Encyclopedia of New Jersey*. Rutgers University Press, 2004.
- "Thomas Edison." *Oxford Encyclopedia of Economic History*. Oxford University Press, 2003.
- "Telegraph," *Encyclopedia of the United States in the Nineteenth Century*. Charles Scribner's Sons, 2001.
- "Samuel F. B. Morse" "Telegraph," "Atlantic Cable" *Oxford Companion to United States History*. Oxford University Press, 2001.
- "Telegraph Industry," "Thomas A. Edison," "Menlo Park Laboratory," "Electric Light Bulb" for *The History of Science in the United States: An Encyclopedia*. New York: Garland, 2000.
- "Thomas A. Edison." *The Reader's Guide to the History of Science*. Fitzroy Dearborn, 2000. With Robert Rosenberg.
- "Royal E. House," "John Lieb," "William Orton," "Anson Stager." *American National Biography*. Oxford University Press, 1999.
- "Invention," "Thomas A. Edison." *American Heritage Encyclopedia of American History*. New York : H. Holt, 1998.
- "Thomas Edison." *Colliers 1998 International Year Book*, pp. 85–96. With Robert Rosenberg.

- "Thomas A. Edison," "Electric Light," "Phonograph," "Motion Picture Camera." *Biographical Encyclopedia of Science*. Salem Press. 1998. With Robert Rosenberg.
- "Thomas Edison," "Cyrus Field," "Gold and Stock Telegraph Company," "Samuel F. B. Morse," "Telegraphy," and "Western Union Telegraph Company," *Encyclopedia of the City of New York*. (New Haven: Yale University Press, 1995): 364, 401, 472, 774, 1158, 1254–55.
- "Telegraphy," *American Historical Association's Guide to Historical Literature*. 3rd. ed. Edited by Pamela Gerardi. (New York : Oxford University Press, 1995).
- "Electrical Industry." *Collier's Encyclopedia* (New York: MacMillan Educational Company, 1992), 699–701.

CONFERENCE ORGANIZER/PROGRAM COMMITTEE

- Association for Documentary Editing, Program Committee, Ann Arbor, 2013.
- New Jersey Forum, Program Committee, Trenton, 2008.
- "Industrializing Organisms: Plants, Animals, and Technology." RCHA Conference, Rutgers University, 2002. With Philip Scranton and Susan Schrepfer.
- "Forces Totally New': Technology, Novelty, and Culture, 1880–1920." Dibner Institute Workshop, 2000. With Robert Friedel.

PROFESSIONAL PAPERS

- "Learning to Innovate: Thomas Edison and Creation of the Electrical Industry," Keynote Address, Canadian Society for the History and Philosophy of Science, Brock University, 2014.
- "A New Radiant Force': Thomas Edison's Inquiry into the Implications of Electromagnetic Field Theory," History of Science Society Annual Meeting, Boston, 2013. With Louis Carlat.
- "Interpreting Menlo Park," Mid-Atlantic Association of Museums 6th Annual Building Museums Symposium, New York City, 2010.
- "The Role of Place in Thomas Edison's Inventive Career," Hot Spots of Invention: People, Places, and Spaces, Lemelson Center for the Study of Invention and Innovation Annual Symposium, National Museum of American History, Smithsonian Institution, 2009.
- "Thomas Edison's Places of Invention," Society for the History of Technology, Pittsburgh, 2009.
- "Edison and the Invention of New Media," Center for Media Studies, Rutgers University, 2009.
- "Learning from Thomas Edison's Patents," Society for the History of Technology, Lisbon, 2008.
- "Taking the Edison Papers Digital," American Association for State and Local History, Atlanta, 2007.
- "An Inventor's Records: Learning about Invention from the Edison Papers," Society of American Archivists, Chicago, 2007.
- "Not Just the Electric Light: Edison and the Creation of the Electrical Industry," IEEE History Center Conference on the History of Power Engineering, Keynote address, Newark, 2007
- "The Flash of Genius: Defining Invention in the Era of Corporate Research," UCLA Law School, 2007.
- "What Do You Do With 5 Million Pages?: Editing the Edison Papers," Plenary Session, MARAC, Morristown, NJ, 2006.
- "From Nation States to the WIPO: Intellectual Property and Globalization," Globalization & Industrial America, 1830–2005: New Brunswick, NJ & the Raritan River Valley, A Microcosm?, Rutgers University, 2006.

- "The Flash of Genius: Defining Invention in the Era of Corporate Research", Con/texts of Invention: A Working Conference, Society for Critical Exchange, Case Western Reserve University School of Law, 2006.
- "Why Didn't Edison Invent Radio?" IEEE History Center Conference, "Themes and Transitions in the History of Electronics," Bletchley Park, United Kingdom, 2004. With Louis Carlat.
- "Inventing Patents, Defining Technology: The Patent System and the Creation of Intellectual Property." Keynote address, Technology Studies: New Frontiers, Stevens Institute of Technology, 2002.
- "An Inventor and a Publisher: The First Attempts at Modern Brain Imaging," with Mark S. Gerber and Mark C. Preul, Annual Meeting of the American Association of Neurological Surgeons, Chicago, 2002.
- "The Edison Papers and the Teaching of the History of Technology." Society for the History of Technology Annual Meeting, Munich, Germany, 2000.
- "Inventing the Future: Introductory Remarks." Dibner Institute Workshop, 2000.
- "The Edison Papers and the Teaching of the History of Technology," Society for the History of Technology Annual Meeting, Munich, 2000.
- "Science and Invention: Thomas Edison's Image in American Culture," American Identity Series, National Museum of American History, Smithsonian Institution, 1999.
- "Basic Research and Invention in Edison's Laboratories," Laboratory History & Sociology Conference, SUNY Stonybrook, 1999.
- "From Electricians to Electrical Engineers: Science and Technology in Nineteenth-Century American Telecommunications. XIXth International Congress in the History of Science, Zaragoza, Spain. 1993.
- "'Prior Knowledge' and 'Theory'" At Edison's Menlo Park Lab: The Case of Electric Lighting." History of Science Society. 1992.
- "From Shop Invention to Industrial Research: American Telegraphy, 1830–1920." Science, Technology & Society Program and Department of History, Lehigh University. 1990. Roundtable Participant. "Extending the Meaning of Literacy: Technological, Occupational and Cultural Contexts." Social Science History Association. 1989.
- "Edison's Electric Pen and Universal Stock Printer: Artifacts and Interpretations." Society for the History of Technology. 1989. With Robert Rosenberg.
- "From Public Purpose to Private Profit: The Telegraph Industry and the Changing Context of Invention in Nineteenth-Century America. Organization of American Historians. 1987.
- "Intraurban Telegraphy: The Nerve of Some Cities." American Historical Association. 1986. With Robert Rosenberg.
- "Invention and Corporate Strategies: Western Union and Competition." Society for the History of Technology. 1986.
- "A Celebration of Bridges: The Image of the Highway Bridge in California." Popular Culture Association. 1984.
- "Edison and the Telegraph Industry: Changing Patterns of Support for Invention." Department of History, University of Delaware. 1983.
- "Innovation in the Telegraph Industry: The Case of Thomas Edison." New Jersey Academy of Sciences. 1983.
- "Edison and the Electric Light: A Foray into the Primary Sources." Society for the History of Technology. 1980.

PAPER COMMENTS/SESSION CHAIR

- Commenter, Patents, Invention, and Narrative in Industrial America, Society for the History of Technology, Copenhagen, 2012.
- Commenter, The Life of New Materials, Hagley Museum Library, Wilmington, 2011.

Commenter, Exploring Network Mobilities, Society for the History of Technology, Cleveland, 2011.

Commenter, Patent Regimes, Society for the History of Technology, Tacoma, 2010.

Commenter, Enabling Innovation, Society for the History of Technology, Pittsburgh, 2009.

Commenter, Eric Hintz, "The Disappearing Inventor: Or, How Independent Inventors Were Rendered Invisible," Lees History Seminar at Rutgers University, Camden 2009.

Chair, Infectious Enthusiasm: Carroll Pursell and the History of Technology, Society for the History of Technology, Washington, DC, 2007.

Commenter, Donald Jackson, "The Politics of Safety: William Mulholland of Los Angeles and the St. Francis Dam Disaster," Lees History Seminars at Rutgers University, Camden, 2007.

Commenter, "Changing Mature Systems: The Theory, The Evidence." Society for the History of Technology, Amsterdam, 2004.

Commenter, Horses in War and Peace. "Industrializing Organisms: Plants, Animals, and Technology." RCHA Conference, Rutgers University, 2002.

Commenter, Communication Technology and Nineteenth-Century Business Enterprise. Society for the History of Technology Annual Meeting. Lowell, Mass., 1994.

Commenter, "Cognitive Approaches to Visualization in Science and Technology." Princeton Workshop on History of Science. 1993.

PUBLIC PRESENTATIONS

"From Machine Shops to Industrial Laboratories: New Jersey and the Reinvention of Invention," New Jersey: State of Invention Conference, Rutgers University, 2014.

"Chemical Solutions: The Role of Chemistry in Thomas Edison's Inventive Work," Thomas Edison National Historical Park, 2014.

"We had a hell of a time': Thomas Edison's Venture in Ore Milling, Thomas Edison National Historical Park, 2014.

"From Menlo Park to West Orange," Year of Innovation Series, Thomas Edison National Historical Park, 2014.

"Thomas Edison and the Transformation of Technological Innovation," One-Day University, New York, 2013.

"Electrifying Newburgh," Newburgh, N.Y., 2013.

"Volume 8: Some Highlights from the Papers of Thomas A. Edison," Rutgers Alumni Day, Thomas Edison National Historical Park.

"Learning about Invention from the Papers of Thomas A. Edison," Exxon Mobil Research Club, 2013

Edison's West Orange Laboratory," Rutgers Alumni Day,, Thomas Edison National Historical Park, 2012

"Edison's New Jersey," Keynote Address, New Jersey: The State of Invention, Monmouth County Library, 2011

"Innovate Like Edison," Rutgers Alumni Day, Thomas Edison National Historical Park, 2011

"Edison as Innovator," Edison Awards, Thomas Edison National Historical Park, 2011

"Documenting Thomas Edison," Rutgers Retired Faculty Association, 2010.

"Invent Like Edison," Rutgers Alumni Day, Thomas Edison National Historical Park, 2010.

Inventing Entertainment: Sound and Film in the Age of Edison," Victorian Society, New York City, 2010.

"Memorializing Menlo Park," Thomas Edison Center at Menlo Park, 2010.

"Edison's New Jersey," Bloomfield Presbyterian Church, Bloomfield, NJ, 2010.

"Thomas Edison, Inventor of the Age," Raritan Valley Community College, 2009.

"Edison at Menlo Park," Enlightening Session, Thomas Edison Center at Menlo Park, 2009.

"Edison, Science, and Innovation," Montclair (NJ) Society of Engineers, 2009.

"Lessons from Edison on the Challenge of Innovation," Management Executive Networking Group Webinar, 2009.

"Edison in West Orange," Keynote Address, IEEE Milestone Dedication, West Orange, NJ, 2008

"Edison in Newark," New Jersey Historical Society, 2008.

"Thomas Edison's New Jersey," New Jersey Legislative Staff, 2008.

"Thomas Edison, Science, and Industrial Research, Princeton Adult School, 2007.

"Inventing Entertainment." Rutgers University Alumni Association, 2006.

"Edison in Menlo Park," Keynote Address, IEEE Milestone Dedication, Menlo Park, NJ, 2006.

"Thomas Edison." Heroes and Villains of the Gilded Age. Flagler Museum Whitehall Lecture Series 2006.

"From Speedwell Village to Menlo Park." Morris County Heritage Commission 35th Anniversary Symposium: From Telegraph to Telstar: The History of Communications Technology in Morris County, 2005.

"Learning from the Edison Papers." Rutgers Alumni Association, 2005.

"Inventing the Electrical Utility Industry." Association of Edison Illuminating Companies, Annual meeting, 2005.

"When Sparta was Edison." Sparta Mountain Day. Sparta, New Jersey, 2005–6.

"Inventor of the Age." Learning for Life Program. Plainfield, New Jersey, 2004.

"Lessons from Thomas Edison." Science and Math Awareness Program, Piscataway, N.J. High School, 2004.

"The Electrical Industry: Thomas Edison as Innovator." PSE&G Lunch and Learn Program, 2003.

"Thomas Edison and the Edison Papers." Science and Math Awareness Program, Piscataway, N.J. High School, 2002.

"Thomas Edison and Innovation." Keynote Address, Technology Transfer Conference, University of Michigan, 2001.

"Inventing Thomas Edison: The Wizard of Menlo Park in American Culture." Filson Club, Louisville, KY, 2001.

"Edison's Public Image." Douglass College Alumni Association, Rutgers University, 2001.

"Thomas Edison: The Inventor as Engineer." Keynote address, Engineering History and Landmarks Workshop, New York, 2000.

"From the Edison Lamp." Old House Primer Program, Lighting in Historic Preservation. Drew University. 1999

"Edison as a Businessman." Depauw University. 1999.

"Public History and the Edison Papers." DePauw University. 1999.

"Edison, Telegraphy, and the Origins of Industrial Research." DePauw University. 1998.

"Edison, Telegraphy, and the Origins of Industrial Research." Colby College. 1998.

"Thomas Edison and American Invention." Whitehall Lecture. Henry Flagler Museum. 1998.

"American Business and Technology in Edison's Time." Edison Sesquicentennial: The Celebration of the Advent of Electrotechnology Entrepreneurship. Plenary Session, IEEE Power Engineering Society. 1997.

"Thomas Edison's Invention Factory and the Electric Light." Five Historical Societies of Westfield, NJ. 1995.

"The Invention Factory and the Electric Light." Metuchen Historical Society. 1992.

"New Ideas and New Machines: Risky Business in History." Keynote address, Risk Taker's Convention, Shore Consortium for the Gifted and Talented. 1989.

"Thomas Edison: The Making of a Professional Inventor." Keynote address, Invention Convention, Shore Consortium for the Gifted and Talented. 1989.

- "The Professional Inventor at Work: Thomas Edison and the Electric Light." Piscataway Historical Society. 1988.
- "The Origins of the American Telecommunications Network: The Social Process of Telegraph and Telephone Invention, 1832–1890." Middlesex County Cultural and Heritage Commission Symposium, The Wizard of Menlo Park: Thomas Alva Edison Invents a New Century. 1987.
- "Edison's Electric Light and the Study of Technical Creativity." National Society of Inventors. 1987.
- "The Edison Papers and the Study of Technical Creativity." The Rutgers Emeritus Professors. 1986.
- "The Professional Inventor at Work: Thomas Edison and the Electric Light." Schenectady Edison Centennial Celebration. 1986.
- "The Professional Inventor at Work: Thomas Edison and the Electric Light." Metuchen Chapter, American Association of Retired People. 1986.
- "Halcyon, California: A San Luis Obispo Utopia." San Luis Obispo County Historical Society. 1979.

REVIEWS

- Stathis Arapostathis and Graeme Gooday, *Patently Contestable: Electrical Technologies and Inventor Identities on Trial in Britain*. *Metascience*, (forthcoming).
- Donald W. Linebaugh, *The Springfield Gas Machine: Illuminating Industry and Leisure, 1860s–1920s*. *Journal of American History* 99 (2013): 1269–1270.
- Chris Otter, *The Victorian Eye: A Political History of Light and Vision in Britain, 1800–1910*. *Visual Culture in Britain* 12 (2011): 122–124.
- Ross Thomson, *Structures of Change in the Mechanical Age: Technological Innovation in the United States, 1790–1865*. *Economic History Review* 64 (2011): 334–35.
- Graeme Gooday, *Domesticating Electricity: Technology, Uncertainty and Gender, 1880–1914*. *Isis* 100 (2009): 923–24.
- Michael B. Schiffer, *Power Struggles: Scientific Authority and the Creation of Practical Electricity before Edison*. *Business History Review* 83 (Winter 2009): 837–39.
- Richard Koszarski, *Fort Lee: The Film Town*. *New Jersey History* 124 (2009): 120–22.
- Patrice Flichy, *Understanding Technological Innovation: a Socio-Technical Approach*. *Business History* 51 (January 2009): 125–140.
- B. Zorina Khan, *The Democratization of Invention*. *Minerva* 46 (2008): 1512–54.
- Vaclav Smil, *Creating the Twentieth Century: Technical Innovations of 1867–1914 and Their Lasting Impact*. *American Historical Review* 112 (2007): 167–68..
- Kenneth Silverman. *Lightning Man: The Accursed Life of Samuel F. B. Morse*. *Technology and Culture* 46 (2005): 417–18..
- Kenneth Beauchamp. *A History of Telegraphy*. *Isis* 95 (2004): 153–54.
- Richard Moran. *Executioner's Current: Thomas Edison, George Westinghouse, and the Invention of the Electric Chair*. *Business History Review* 78 (2004): 116–19.
- Laura Otis. *Networking: Communicating with Bodies and Machines in the Nineteenth Century*. *Technology and Culture* 44 (2003): 394–396.
- Marc Rothenberg, ed. *The Papers of Joseph Henry*. Vol. 7, January 1847–December 1849 and *The Papers of Joseph Henry*. Vol. 8, January 1850–December 1853. *Technology and Culture* 43 (2002): 791–793.
- Charles Bazerman. *The Languages of Edison's Light*. *Journal of Social History* 35 (2002): 995–997.
- Arnold Pacey. *Meaning in Technology*. *Enterprise and Society* 2 (2001): 161–63
- John Lienhard, *The Engines of Our Ingenuity: An Engineer Looks at Technology and Culture*. *Endeavor* 25(2001): 42.

- Stephen B. Adams and Orville B. Butler. *Manufacturing the Future*. *Annals of Science* 57(2000): 315–17.
- Rescue at Sea*. Film review. *Journal of American History* 105 (December 1999): 1427–1428.
- Lindy Biggs. *The Rational Factory: Architecture, Technology and Work in America's Age of Mass Production*. *American Historical Review* 104 (October 1998): 1334–35.
- Rick Szostak. *Technological Innovation and the Great Depression*. *American Historical Review*. 103 (June 1997): 913–14.
- John K. Brown. *The Baldwin Locomotive Works, 1831–1915: A Study in American Industrial Practice*. *The Public Historian* 19 (Winter 1997): 115–16.
- William Leslie. *The Cold War and American Science*. *American Historical Review* (April 1994): 686–87.
- "Enthusiasts and Innovators 'Possible Dreams' and the 'Innovation Station' at the Henry Ford Museum," *Technology and Culture*. 35 (April 1994): 396–401.
- Marc Rothenberg, et al. *The Papers of Joseph Henry, Vol. 6: January 1844–December 1846: The Princeton Years*. *Technology and Culture*. 35 (April 1994): 416–18.
- Melvin Kranzberg, et al., *Innovation at the Crossroads between Science and Technology*. *Technology and Culture* 33 (January 1992): 181–82.
- Andre Millard, *Edison and the Business of Innovation*. *Technology and Culture* 32 (October 1991): 1115–16.
- A. Heerding, *The History of N.V. Philips' Gloelampenfabrieken. Volume II: A Company of Many Parts*, translated by Derek S. Jordan. *Isis* 81 (June 1991): 804–05.
- Eric von Hippel, *The Sources of Innovation*. *Technology and Culture* 31 (April 1990): 333–34.
- David A. Hounshell and John Kenly Smith, *Science and Corporate Strategy: DuPont R&D, 1902–1980*. *American Scientist* 77 (November–December 1989): 581–82.
- Edwin Gabler, *The American Telegrapher: A Social History, 1860–1900*. *Isis* 79 (December 1988): 718–720.
- A. Heerding, *The History of N.V. Philips' Gloelampenfabrieken. Volume I: The Origin of the Dutch Incandescent Lamp Industry*, translated by Derek S. Jordan. *Isis* 78 (January 1987): 117–118.
- Robert W. Garnet, *The Telephone Enterprise: The Evolution of the Bell System's Horizontal Structure, 1870–1909*; George David Smith, *The Anatomy of a Business Strategy: Bell, Western Electric, and the Origins of the American Telephone Industry*; Neil H. Wasserman, *From Invention to Innovation: Long-Distance Telephone Transmission at the Turn of the Century*. *Technology and Culture* 28 (January 1987): 89–90.
- Hugh G.J. Aitken, *The Continuous Wave: Technology and American Radio, 1900–1932*. *Business History Review* 61 (Fall 1986): 508–509.
- A. Michal McMahon, *The Making of a Profession: A Century of Electrical Engineering in America*. *The Public Historian* 8 (Fall 1986): 101–102.
- David E. Nye, *The Invented Self: An Antibiography from Documents of Thomas A. Edison*. *Business History Review* 59 (Summer 1984): 139–141.
- David F. Noble, *America by Design: Science, Technology and the Rise of Corporate Capitalism*. *The Public Historian* 2 (Winter 1979): 73–75.

OTHER PROFESSIONAL ACTIVITIES

Publications

- Editorial Boards: *New Jersey History* (2008–present); *Public Historian* (1978–1979).
- Journal Referee: *Annals of Science*, *Business History Review*, *History and Technology*, *Journal of American History*, *Journal of Policy History*; *New Jersey History*, *Public Historian*, *Technology and Culture*, *Trauma Online*.

Publishers' Referee: Cambridge University Press, Johns Hopkins University Press, IEEE Press, MIT Press, Rutgers University Press, University Press of Florida.

Children's book consultant: National Geographic, Magic Wagon, Red Line Editorial, Inc.

Grant Reviewer

National Endowment for the Humanities, National Historic Publications and Records Commission, National Science Foundation, New Jersey Historical Commission, Social Science and Humanities Research Council of Canada, Smithsonian Institution.

Prize Committees

New Jersey Historical Commission, Driscoll Dissertation Prize, 2004, 2008.

INSTITUTES AND WORKSHOPS

Rutgers Institute for High School Teachers, 2010-present.

NEH Teaching American History, Landmarks in American History: America's Industrial Revolution. Henry Ford Museum, 2005–2007, 2009–2011, 2014.

Institute for Historical Editing, Madison, Wisconsin, 2008–9.

Teaching American History: Work in America. Hackensack, New Jersey, 2006

New Jersey History Partnership Project Summer Institute on the Progressive Era in New Jersey. Kean University, 2005.

New Jersey Council for the Humanities: Culture and Technology in American History. Monmouth University, 2005.

Electronic New Jersey Teacher Workshop, section on the History of Science and Technology. 2000–1, 2003–4.

CONSULTANT/INTERVIEWEE, TV AND RADIO DOCUMENTARIES

"American Experience: Edison," PBS, consultant, 2013-2014

"Ten Things You Didn't Know About," History Channel, 2014

"American Genius," National Geographic Channel, 2014

"America: Facts vs. Fiction: Thomas Edison," Military Channel, 2013.

"America's National Treasures," National Geographic, 2012.

"TV Museum of World History," NHK-BS (Japan), 2012.

"The Story of Electricity," BBC4, 2011.

"The Psychophone," History Detectives, Lion TV, 2009.

"Moguls & Movie Stars: A History of Hollywood," Turner Classic Movies, 2009.

Edison and Motion Pictures, Story House Productions, 2006.

"Edison and Fujioka of Toshiba," Milky Way Media, Inc. 2005.

"Modern Marvels: Edison Tech." History Channel. 2005.

Man, Machine, Moment: Edison." History Channel, 2005.

"Edison: The Invention of the Movies." Kino Video. 2004.

"125th Anniversary of Electric Light." Edison Electric Institute. 2004.

"Thomas Edison," JAK Films, 2004.

"Great Men and Their Trials," Japan TV Asahi, 2004.

"History Detectives: Edison Cement House," PBS/LionTelevision, 2004.

"Battle of the Currents," Engstfeld Film GmbH, 2004.

"We Built This City." Darlow Smithson Productions Ltd., 2003.

Megaphone radio documentary. BBC Radio Arts, 2003.

Kentucky PBS documentary on Thomas Edison, 2001.

"DaVinci—Thomas Edison," East Company, Japanese television, 2001.

"Japan News Magazine: Thomas Edison New Year Special," Japan TV America, 2000.

"The Most," Show #107, History Channel, 2000.

"How the Victorians Wired the World," Blakeway Associates, 2000.

"The Force that Changed the World," Quorum Television, 2000.

"Electric Nation," Great Projects, 1999–2000.
 "Sigmund Schukert," Bayerischer Rundfunk (TV), Germany, 1999.
 "The Chair," Channel Four/RDF television, 1997–978
 "The Edison Effect," History Channel (Wilkman Productions), 1995–96.
 "Edison," A&E Biography Series, 1995.
 "Edison" for "Innovation: Design, Environment & Strategy," Open University, BBC, 1995.
 "Edison and the Miracle of Light," *The American Experience*, WGBH/PBS (Elevator Pictures), 1994–95.
 National Geographic Society film on elementary electricity, 1992.
 "The Electric Chair," Ideas Program, CBC Radio, 1992
 "Edison in the Age of Mechanical Reproduction," Center for Film and Historical Research, 1991–92.

CONSULTANT, OTHER

Edison and Innovation Event: Learn Innovation from Thomas Edison, Norwell Consulting, 2005–present
 Exhibit consultant, Thomas Edison Center at Menlo Park, 2009–present
 Exhibit Consultant, Advisory Committee, Lemelson Center for the Study of Invention and Innovation, Smithsonian Institution, 2007–present.
 National Inventors Hall of Fame, Blue Ribbon Panel for Historic Inventors, 2006.
 Edison National Historic Site, Consultant on Interpretative Program and Exhibit Design, 2003–2004.
 Electronic New Jersey, section on the History of Science and Technology, 2000–2001, 2003–4.
 Rutgers Academic Challenge, 2001–2002.
 Johns Hopkins Guide to the History of Technology in American Life, 2000–2001.
 Website for "Edison and the Miracle of Light," *The American Experience*, WGBH/PBS, 2000.
 Exhibit consultant, "Lighting a Revolution" exhibit, National Museum of American History, Smithsonian Institution, 1999.
 "Interpreting Edison" Program Committee, Edison National Historic Site, National Park Service, 1996.
 Interpretive Program Development Committee, Edison National Historic Site, 1990.

TEACHING (RUTGERS UNIVERSITY)

Graduate

Chair, Ph.D. Dissertation committees: Michael Dobe, Kathy Lyon
 Member, Ph.D. Dissertation committees: Eric Barry, Bridget Gurtler, Kris Shields
 Seminar on Biography
 Colloquium in Theory and Method in the History of Technology
 Colloquium in the History of Technology and Gender
 Seminar in the History of Technology, Environment, and Health
 American Social History Seminar: Technology, Environment, & Health
 Independent Reading: History of Technology
 Independent Reading: History of Technology & Environment
 Graduate Minor Exam Committee, History of Technology, Environment & Health
 Graduate Minor Exam Committee, Global History and Technology

Undergraduate

The Amazing Thomas Edison and His Many Lives, Byrne First Year Seminar
 "Science in American Culture"
 "Technology, and Society"

"Readings in History"

Henry Rutgers Thesis committees (7, chair (1).

Director, Thomas A. Edison Papers, Undergraduate Internship Program. 1990–91

Faculty Director, New Jersey Agricultural Museum, Undergraduate Internship Program.
1990–91

FACULTY COMMITTEES

History of Science, Technology, Environment, and Health (STEH). Caucus Coordinator,
2000–2003, 2006–2013.

Chair, Reappointment Committee for Ann Gordon, History Department, 2006.

Public History Advisory Committee, 2006

Chair, Promotion Committee for Theresa Collins, History Department, 2003–4.

Co-Organizer, Graduate Major in History of Technology, Environment, and Health

Graduate Education Committee, History Department, 1999–2001.

Search Committee, Environmental History and Public Health History positions, Joint Rutgers
Newark/NJIT History Department, 2000–1.

Search Committee, History of Technology, Joint Rutgers Newark/NJIT History Department,
1997–98.

Promotion Committee, Thomas A. Edison Papers, 1996–97.

Merit Award Committee, Thomas A. Edison Papers, Chairman, 1988–89.

Search Committees, Editorial Assistants, Thomas A. Edison Papers, 1984–2000.

PROFESSIONAL ORGANIZATIONS

Society for the History of Technology (SHOT), Member 1980–present

Website Committee, Chair, 2006–2008

IEEE Life Member's Prize Committee, Chair, 2000, Member, 1999–2001

Executive Council, Member 1995–97

Nominating Committee, Chair, 1988–89, Member, 1987–90

Association for Documentary Editing, Member 1983–present

Councilor-at-Large, 2013-present

Program Committee, Member, 2013–2014

Electronic Editions Committee, Chair 2006–2007

History of Science Society, Member, 1988–present

BOARD MEMBERSHIPS

Edison Memorial Tower Corp.,

Board of Trustees, 2005–present; Chair, 2007–2011, Vice Chair, 2011-present

Edison Awards, Steering Committee, 2008–2012

David Sarnoff Library. Board of Directors., Member 2002-2009.

New Jersey Inventors Hall of Fame, 2007-2009, Secretary, 2008-2009.