

David Paul Hochfelder
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CURRENT POSITION

Assistant Professor, History Department, State University of New York at Albany, Sept. 2007 to present.

PAST ACADEMIC EMPLOYMENT

Assistant Editor, Thomas Edison Papers, Rutgers University, 2001 to 2007.

Assistant Public History Coordinator, Rutgers University, 2005 to 2007 (part-time).

Postdoctoral Researcher, IEEE History Center, Rutgers University, Sept. 1998 to Aug. 2001.

EDUCATION

Ph.D., History, Case Western Reserve University, 1999. Dissertation: "Taming the Lightning: American Telegraphy as a Revolutionary Technology, 1832-1860." Director: Carroll Pursell.

M.S., Electrical Engineering, Northwestern University, 1989. Project: "Generation and Detection of Squeezed Optical States." Director, Prem Kumar. Focus in laser physics and nonlinear optics.

B.S., Electrical Engineering, Northwestern University, 1987. Focus in electromagnetic field theory.

PROFESSIONAL DEVELOPMENT AND RELATED EXPERIENCE

Doing Digital History Workshop, George Mason University, June 2006.

Institute for the Editing of Historical Documents, National Historical Publications and Records Commission, Madison, WI, June 2005.

ACADEMIC AWARDS

Newcomen-Harvard Special Award in Business History, 2002. Awarded for best article in *Business History Review* by a recent Ph.D.

Newcomen Prize Finalist, Business History Conference, 2000. Presentation nominated for best paper and resulting article published in *Enterprise and Society*.

Mellon Interdisciplinary Dissertation Fellowship, Case Western Reserve University, 1997-1998.

Pre-Doctoral Fellow, National Museum of American History, Smithsonian Institution, 1996-1997.

Newcomen Prize Finalist, Business History Conference, 1996. Presentation nominated for best paper and resulting article published in *Business and Economic History*.

Grant-In-Aid, Center for History of Physics, American Institute of Physics, 1996.

Walter P. Murphy Fellowship, McCormick School of Engineering, Northwestern University, 1987-1988.

COURSES TAUGHT

At State University of New York at Albany:

Introduction to Public History, Fall 2007.

The Gilded Age, 1877–1900; Fall 2007.

At Rutgers University:

Great American Inventors and Inventions, Honors Seminar, Spring 2007.

Getting the Message: Information and Communications from the Printing Press to the Internet, Honors Seminar, Fall 2002.

The American Revolution, 1763-1789, Spring 2002.

The City in American History, Summer 2001.

The Forging of Modern America 1865-1920, Spring 2001.

Development of the United States I, 1607-1877; Summer 2000.

Technology and Society in America, Fall 1999.

Civil War and Reconstruction, 1848-1880, Summer 1999.

The Electric Century, Spring 1999.

Technical Mathematics (Triton College, River Grove, IL), Fall 1990 and Spring 1991.

BOOKS

The Telegraph in America: A History, 1832-1940. Under contract with Johns Hopkins University Press.

Assistant Editor, *The Papers of Thomas A. Edison*, vol. 6 (Baltimore and London: The Johns Hopkins University Press, 2007).

Assistant Editor, *The Papers of Thomas A. Edison*, vol. 5 (Baltimore and London: The Johns Hopkins University Press, 2004).

A Brief History of Communications: IEEE Communications Society—A Fifty Year Foundation for the Future (Piscataway, NJ: IEEE Communications Society, 2002).

MEDIA APPEARANCES

"The Telephone," *Modern Marvels* episode, aired on History Channel, Nov. 13, 2006.

"Wiring America," *Modern Marvels* episode, aired on History Channel, August 31, 2005.

"The Once & Future Web: Worlds Woven by Telegraph and Internet," museum exhibition, National Institutes of Health, Bethesda, MD, May 24, 2001 to July 2002. Served as historical consultant and interpreter for an exhibit's audiovisual station.

REFEREED ARTICLES

"'Where the Common People Could Speculate:!' The Ticker, Bucket Shops, and the Origins of Popular Participation in Financial Markets, 1880-1920," *Journal of American History* 93, Sept. 2006.

"Constructing an Industrial Divide: Western Union, AT&T, and the Federal Government, 1876-1971," *Business History Review* 76, Winter 2002. Winner of Newcomen-Harvard Award.

"The Legacies of the Postal Telegraph Movements in Great Britain and the United States, 1866-1920," *Enterprise and Society* 1, Dec. 2000. Finalist for 2000 Newcomen Prize.

David Hochfelder and Susan Helper, "Joint Product Development in the U.S. Auto Industry, 1900-1920," *Business and Economic History* 25:2, Fall 1996. Finalist for 1996 Newcomen Prize.

ESSAYS AND BOOK CHAPTERS

"Documentary Editing as Public History: The Experience of the Thomas Edison Papers," *Public History News*, Spring 2006.

"The Communications Revolution and Popular Culture," in William L. Barney, editor, *A Companion to 19th Century America* (Oxford: Blackwell Publishers, 2001).

"The Promise of Nuclear Power," *Proceedings of the IEEE* 87:8, August 1999.

"Joseph Henry: Inventor of the Telegraph?" On Joseph Henry Papers website, <http://www.si.edu/archives/ihd/jhp/joseph20.htm>.

Susan Helper and David Hochfelder, "'Japanese-Style' Supplier Relations in the Early American Auto Industry, 1895-1920," in M. Shimotani and T. Shiba, editors, *Beyond the Firm: Business Groups in Crossnational and Historical Perspective* (Oxford: Oxford University Press, 1997).

Susan Helper, et al.; "Pollution Prevention Assistance in the Automotive Supply Chain: A Study of Northeast Ohio." On International Motor Vehicle Program website, <http://imvp.mit.edu/papers/98/153a.pdf>

"Electrical Communication, Language, and Self," in Chris Hables Gray, editor, *Technohistory: Using the History of American Technology in Interdisciplinary Research* (Malabar: Krieger Publishing Co., 1996).

CONFERENCE PRESENTATIONS

Ann Pfau and David Hochfelder, "'Her Voice a Bullet': World War II Radio Propaganda and Legend," Conference on Sound in the Era of Mechanical Reproduction, Hagley Museum, Nov. 2007.

"Toward a Social History of Investment," Social Science History Association, Nov. 2007.

David Hochfelder and Ann Pfau, "Taking Coxe Seriously," Organization of American Historians, April 2006.

"Alfred Vail: New Jersey's Telegraph Pioneer," Morris County Heritage Commission Symposium, Nov. 2005.

Commentator, panel on "Infrastructure and Regulation in the United States, 1880-1920," Business History Conference, May 2005.

David Hochfelder and Blaine McCormick, "A Conservative Innovator: Thomas Edison as International Entrepreneur," Business History Conference, June 2004.

"The Technology and Culture of Signal Processing, 1851-1970," IEEE Conference on the History of Electronics, June 2004.

"Partners in Crime: The Telegraph Industry, Finance Capitalism, and Organized Gambling, 1870-1920," Society for the History of Technology, October 2001.

"Urban Renewal and Gentrification on Chicago's Near North Side," Biannual Conference on Chicago Research and Policy, University of Illinois at Chicago, December 2000.

"Gentrification in Chicago's West Town Community, 1980-2000," National Policy History Conference, Bowling Green State University, June 2000.

"A Comparison of the Postal Telegraph Movements of Great Britain and the United States, 1866-1920," Business History Conference, March 2000.

"Technological Change, Anxiety, and Nostalgia among American Telegraphers, 1870-1910," American Historical Association, January 2000.

"Government Ownership of the Telegraph: A Comparative History of Great Britain and the U.S., 1870-1900," International Committee for the History of Technology (ICOHTEC), August 1999.

"Flash of Genius': Samuel F.B. Morse's Telegraph Patents and the Legal Construction of Creativity, 1832-1854," Society of Historians of the Early American Republic, July 1998.

"Joseph Henry and the Invention of the Telegraph," History of Science Society, November 1997.

"A Cultural History of the Electrical Signal," Society for the History of Technology, October 1997.

"Communication as Citizenship: The Postal Telegraph Movement, 1866-1890," Organization of American Historians, April 1997.

David Hochfelder and Susan Helper, "Supplier-Assembler Cooperation and Joint Product Development in the Early U.S. Auto Industry," Business History Conference, March 1996.

"Yankee Directness': Telegraphic Language and American Identity," Organization of American Historians, April 1995.

Susan Helper and David Hochfelder, "'Japanese-Style' Supplier Relations in the Early American Auto Industry, 1895-1920," Fuji Business History Conference, January 1995.

"The Telegraph and Market Integration: The Chicago Board of Trade as a Case Study, 1870-1915," Society for the History of Technology, October 1994.

ENCYCLOPEDIA ENTRIES

"Morse, Samuel F. B.," in *World Book Encyclopedia*;

"Henry, Joseph" and "Vail, Alfred," in *Encyclopedia of New Jersey*.

"Telegraph," in *International Encyclopedia of the Social and Behavioral Sciences*.

"Latrobe, John Hazlehurst Boneval," in *American National Biography*.

REVIEWS

18 reviews of books, films, and websites in *Journal of American History* (3), *Technology and Culture* (3), *Business History Review* (3), *Reviews of New Books* (2), *Enterprise and Society* (2), *Journal of the Early Republic* (1), H-NET (1).

PROFESSIONAL SERVICE

Sally Hacker Prize Committee, Society for the History of Technology, 2007-2009.

American Association of University Professors, Rutgers Chapter. Executive Council, 2003-2007; Steering Committee, Non-Tenure Track Caucus, 2005-2006; Membership Committee, 2006.

IEEE Virtual Museum Editorial Panel, 2003 to current. Panel evaluates the content of this K-12 educational website on the history of electrical technology.

Committee for IEEE Life Members' Prize in Electrical History, Society for the History of Technology, 2003-2006.

Manuscript reviewer for *Journal of the Gilded Age and Progressive Era*, *Technology and Culture*, *Enterprise and Society*, *Business History Review*, *Prometheus*, and Southern Illinois University Press.

ENGINEERING EXPERIENCE

Principal Engineer, ABB Impell Corporation, Lincolnshire, IL, 1989-1991. Provided engineering services to nuclear utilities and resolved regulatory and licensing issues.

Electrical Engineer II, Rockwell International, Inc., Graphic Systems Division, Cicero, IL, 1987. Designed and built controls for a new generation of printing press.

Process Engineer, General Motors Corporation, Electro-Motive Division, La Grange, IL, 1984-1986. Designed computerized controls for experimental machine tools as a co-op student.

Professional Engineer-In-Training, State of Illinois. License number 061-021132.