

Abbreviated Curriculum vitae of Dana A. Freiburger

History of Science Program / History Department
University of Wisconsin-Madison
455 N. Park Street
Madison, WI 53706 U.S.A.

2502 Commonwealth Avenue
Madison, WI 53711 U.S.A.
home telephone: 608-232-0140
e-mail: dafreiburger@wisc.edu

Research Interests

Broad interests in history of science, history of technology, and science education in the United States and Japan during the last two centuries, particularly the study of scientific instruments and computers.

Education

Ph.D., History of Science, Medicine and Technology. University of Wisconsin-Madison (in progress). My dissertation examines the place of science in 19th-Century American Catholic higher education. Advisor: Ronald L. Numbers

M.E., Technical Japanese. University of Wisconsin-Madison (2005)

M.A., History of Science. University of Wisconsin-Madison (2002). Thesis: “We shall be able to beat those yattya hottya [pompous] people” – Building a Japanese Research Tradition in Physics: Hantarō Nagaoka and the Spectroscope. Advisor: Richard Staley

M.Sc., History of Science: Instruments, Museums, Science, Technology. University of Oxford (1999). Dissertation: 18th-Century Surveying Instruments of John Thompson. Advisor: Stephen Johnston

M.S., Engineering Management. Santa Clara University, California (1994)

B.S., Computer Science. California Polytechnic State University, San Luis Obispo (1979)

Selected Publications

“‘To Any Degree’: Jesuit Medical Schools in the Nineteenth-Century United States” in Kyle B. Roberts and Stephen R. Schloesser, eds., *Crossings and Dwellings: Restored Jesuits, Women Religious, American Experience, 1814-2014* (Leiden: Brill, 2017), 220-255

Review of Peter Heering; Roland Wittje: *Learning by Doing: Experiments and Instruments in the History of Science Teaching*, *Isis* 103:4 (2012), 767-769

Review of Peter M. J. Hess; Paul L. Allen: *Catholicism and Science*, and Don O'Leary: *Roman Catholicism and Modern Science: A History*, Dana A. Freiburger and Ronald L. Numbers, *Isis* 100:3 (2009), 636-638

“Report on some Scientific Instrument Collections in Japan,” *Bulletin of the Scientific Instrument Society* 83 (December 2004), 30-32

Abbreviated Curriculum vitae of Dana A. Freiburger

“Building a Japanese Research Tradition in Physics: Hantarō Nagaoka and the Spectro-scope,” *Nuncius* 2 (2002), 673-689

Recent Papers Presented

“What Hath God Taught – Teaching Telegraphy at Notre Dame in the 1870s,” a flash talk presented at the 2018 SHOT conference held in St. Louis, Missouri (October 2018)

“The ‘personal’ equations of American astronomer Joel Stebbins” given at the Scientific Instrument Commission meeting held at the 25th International Congress of History of Science, Technology, and Medicine, Rio de Janeiro, Brazil (July 2017)

“The many universes of Seddie Bingham / Sister Aloysia (1873-1899),” a ‘picture-in-1000-words’ presentation at the Tenth Triennial Conference on the History of Women Religious at Santa Clara University, California (June 2016)

“‘If well conducted’ – Teaching science to survive in early nineteenth-century American Catholic Colleges” given at HSS meeting, San Francisco, California (November 2015)

“Cattell’s Catholics: Who were these American Men of Science?” given at the American Catholic Historical Association Annual Meeting in Washington, D.C. (January 2014)

“Sweater Girl Chickens – The rise and fall of the Chicken Breast Meter,” given at the Scientific Instrument Commission meeting held at the 24th International Congress of History of Science, Technology, and Medicine, Manchester, England (July 2013)

Exhibits

“Lines of Faith,” a student exhibit at the Museum of the History of Science in Oxford on Instruments and Religious Practice in Islam, open from March – June, 1998. A collective effort on the part of the seven students following the M.Sc. course based at this museum. (URL: <http://www.mhs.ox.ac.uk/students/97to98/exhibits/index.htm>)

Work Experience

January 2000 – present: Graduate Student Project Assistant at the History of Cartography Project, University of Wisconsin-Madison, holding the position of Illustrations Editor. It is my responsibility to order images from libraries and archives world-wide as needed for essays submitted for the upcoming volumes of the *History of Cartography*.

January 2008 – May 2008: Graduate Teaching Assistant for “History of Science 202: The Making of Modern Science” where I led four discussion sections for this 3-unit course.

1976 – January 2000: Computer professional working in operating system development, software design and test, and software configuration management. Most recent position was with Amdahl Corporation, Sunnyvale, California, as a Principal Software Engineer.