

CONEVERY BOLTON VALENCIUS

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Twitter @Conevery *Facebook* Lost History of the New Madrid Earthquakes

ACADEMIC POSITIONS

- Radcliffe Institute for Advanced Study: Katherine Hampson Bessell Fellow 2016-2017
- Boston College: Professor, Department of History 2016 –
- University of Massachusetts Boston: 2011 – 2016
Associate Professor (2014-16) and Assistant Professor (2011-14), Department of History
Affiliate Faculty, School for the Environment, 2012-2016
- Harvard University
Associate Faculty, Department of the History of Science 2006 –
Visiting Lecturer, Department of the History of Science 2005, 2010-11
- Dibner Institute for the History of Science and Technology: Senior Fellow 2004-6
- Washington University in St. Louis: Assistant Professor, Department of History, 1999-2004
Program in American Culture Studies, and Program in Environmental Studies

MAJOR FELLOWSHIPS AND PRIZES

- Research Fellowship, Radcliffe Institute for Advanced Study 2016-7
- Margaret W. Rossiter Prize for the History of Women in Science, 2012
co-recipient, awarded by the History of Science Society.
- Research Fellowship, National Endowment for the Humanities. 2007
- Senior Fellowship, Dibner Institute for the History of Science and Technology. 2004-5
- George Perkins Marsh Prize, American Society for Environmental History, for best book. 2003
- Allan Nevins Prize, Society of American Historians, for best-written dissertation in U.S. history. 1999

EDUCATION AND BACKGROUND

- Ph.D., Department of the History of Science, Harvard University. 1992-8
- B.A., with honors, Department of History, Stanford University. 1986-9
- Proud graduate of Little Rock Central High School. 1986
- Coursework at the University of Arkansas at Little Rock. 1985-86

PUBLICATIONS AND CURRENT WORK

BOOKS

- *The Lost History of the New Madrid Earthquakes* (The University of Chicago Press, 2013, paperback, 2014). “Recommended summer book:” *Nature*, 2014.
- “*The Health of the Country:*” *How American Settlers Understood Themselves and Their Land*. (Basic Books, 2002). 2003 George Perkins Marsh Prize and the 1999 Allan Nevins Prize.

CURRENT RESEARCH

- *Frackquake America*, popularly-oriented history of hydraulic fracturing and induced seismicity.

FORTHCOMING

- “How to Build Bridges: Career Stories that Connect the Humanities and the Sciences,” with Kenneth L. Campbell, Arthur Eisenkraft, Margaret Hart, S. Maria Sonin, and Jungah Kim. Submitted October 2016 as a chapter in Paul Gibbs, ed., *Transdisciplinary Higher Education* and currently under review.
- “Earthquakes and Energy in Arkansas,” invited contribution to roundtable on the future of energy history for *Environmental History*. Submitted October 2015 and currently out for review.

PUBLISHED ACADEMIC WRITING

- “Science in Early America: Print Culture and the Sciences of Territoriality,” with David I. Spanagel, Emily Pawley, Sara Sidstone Gronim, and Paul Lucier, *Journal of the Early Republic*, 36, no 1. (Spring 2016): 73-123
- “Teaching Chekhov as Environmental History: Sakhalin Island and Cold Climates,” in Michael C. Finke and Michael Holquist, eds., *Approaches to Teaching the Works of Anton Chekhov*, MLA Approaches to Teaching World Literature series (NY: Modern Language Association, 2016): 171-178.
- “Accounts of the New Madrid earthquakes: personal narratives and seismology over the last two centuries,” in Deborah R. Coen, ed., *Witness to Disaster: Earthquakes and Expertise in Comparative Perspective*, special issue of *Science in Context*, 25, no. 1 (February 2012): 17-48.
- “Sacagawea’s ‘Cold’: Pregnancy and the Written Record of the Lewis and Clark Expedition,” with Peter J. Kastor, *Bulletin of the History of Medicine* 82 (Summer 2008): 276-310. Awarded the 2012 History of Science Society Margaret Rossiter History of Women in Science Prize.
- “Chekhov’s *Sakhalin Island* as Medical Geography,” in Michael C. Finke and Julie de Sherbinin, eds., *Chekhov the Immigrant: Translating a Cultural Icon* (Bloomington, Ind: Slavica Press, 2007): 299-314.
- “An Entangled Bank,” on teaching Darwin’s *On the Origin of Species*, for feature “What Books Should Be More Widely Read in Environmental History?” *Environmental History* 10 (Oct 2005): 755–757.
- “Gender and the Economy of Health on the Santa Fe Trail,” in Gregg Mitman, Michelle Murphy, and Chris Sellers, eds., *Landscapes of Exposure: Knowledge and Illness in Modern Environments*, published as *Osiris* 19 (2004): 79–92.
- “Mudslides Make Good History,” on the future of environmental history, in special issue “Whither American History?” *Journal of the Early Republic* 24 (Summer 2004): 252–9.
- “The Geography of Health and the Making of the American West: Arkansas and Missouri, 1800-1860,” in Nicolaas A. Rupke, ed., *Medical Geography in Historical Perspective* (London: Wellcome Institute Trust for the History of Medicine, 2001): 121-145.
- “Histories of Medical Geography,” in Nicolaas A. Rupke, ed., *Medical Geography in Historical Perspective* (London: Wellcome Institute Trust for the History of Medicine, 2001): 3-30.
- Conevery A. Bolton, “ISOTYPE and the Project of Universal Graphic Language,” in Werner Sollors, ed., *Multilingual America: Transnationalism, Ethnicity, and the Languages of American Literature* (New York and London: New York University Press, 1998): 380-388.
- Conevery A. Bolton, “‘A Sister’s Consolations:’ Women, Health, and Community in Early Arkansas, 1810 – 1860,” *Arkansas Historical Quarterly* 50 (Autumn 1991): 271-291. Winner of the 1990 Susie Pryor Essay Award in Arkansas Women’s History.

WRITING FOR A PUBLIC AUDIENCE

- Op-ed, *Arkansas Democrat-Gazette*, “Stop Pretending: State has quakes; be prepared,” 14 August 2015.

- Page 99 test: *The Lost History of the New Madrid Earthquakes*. Blog contribution: “Open the book to page ninety-nine and read, and the quality of the whole will be revealed to you.” 7 October 2014. <http://page99test.blogspot.com/2014/10/conevey-bolton-valenciuss-lost-history.html>
- Americans and Their Environments at the Time of Lewis and Clark, in Alan Taylor, ed., *Lewis & Clark: Journey to Another America* (St. Louis: The OASIS Institute and Missouri Historical Society Press, 2003): 144-159. Peer-reviewed article written for classes of older adults.

ESSAY REVIEWS

- H-Environment Roundtable Review of Paul Sutter, *Let Us Now Praise Famous Gullies: Providence Canyon and the Soils of the South*, Roundtable Review, Vol. 6, No. 7 (Sept 2016). <https://networks.h-net.org/node/19397/pages/20803/roundtable-reviews>
- H-Environment Roundtable Review of Mark Fiege, *The Republic of Nature: An Environmental History of the United States*. Roundtable Review, Vol. 4, No. 1 (July 2014). <http://www.h-net.org/~environ/roundtables/env-roundtable-4-1.pdf>
- Dirt and Dung, Enduringly. Review of *Larding the Lean Earth: Soil and Society in Nineteenth-Century America*, by Steven A. Stoll. *Reviews in American History* 31 (2003): 397-405.
- ...and short reviews in publications ranging from *Journal of the West* to *Annals of Internal Medicine*. Most recent: review of Gillen D’Arcy Wood’s *Tambora* submitted to *Isis* spring 2015, and of Jared Orsi’s *Citizen Explorer: A life of Zebulon Pike*, submitted to *Ohio Valley History* fall 2015.

MID-AMERICAN EARTHQUAKES AND RELATED DISCUSSIONS

EARTHQUAKE HISTORY & PRESENT-DAY EARTHQUAKES

- “Barnes and...A Conversation with Dr. Conevey Bolton Valencius,” 25-minute interview on AETN, Arkansas public television, filmed April 2015 and broadcast September 2015. <http://www.aetn.org/programs/barnesand/valencius>

THE LOST HISTORY OF THE NEW MADRID EARTHQUAKES

- Reddit “Ask Me Anything” all-day discussion on the “Ask Historians” site, August 2015: https://www.reddit.com/r/AskHistorians/comments/3gl2pp/ama_lost_history_of_the_new_madrid_earthquakes/
- H-ENVT Roundtable Review on *The Lost History of the New Madrid Earthquakes*, Vol. 5, No. 3 (March 2015): <https://networks.h-net.org/valencius-lost-history-new-madrid-earthquakes-roundtable-review-vol-5-no-3-2015>
- Tent Talk at the “Campus on the Common” celebrating UMass Boston’s 50th anniversary (Sept 2014) 15-minute talk available on Youtube: <http://www.youtube.com/watch?v=WOxW6-LolUA>
- Interview with Science, Technology, and Society channel of the New Books Network (Dec 2013). <http://newbooksinscitechsoc.com/?s=valencius>
- Weston Observatory of Boston College (Sept 2014) and Nantucket Field Station (August 2014).
- Clinton School for Public Service, Little Rock, Arkansas (Sept 2013). Sample clips: <https://www.youtube.com/watch?v=qHbig9kWC1M>
Video: <http://www.youtube.com/watch?v=A5rmRnvotAI>
- “The Great Shakes: Bodily Experience and the New Madrid Earthquakes,” University of Arkansas for Medical Sciences History of Medicine & Allied Health Sciences (Sept 2014).

- “Earthquake Science in the Early Republic: The New Madrid Earthquakes,” EARTHtalk! series, Department of Earth Science, University of Arkansas at Little Rock (March 2014).
- Interview on KRCU-FM, Missouri Bootheel, October 2013.

EARTHQUAKE-RELATED PUBLIC TALKS AND INTERVIEWS

- Interview with “The Bat of Minerva,” Minneapolis/St. Paul long-running if eccentrically named cable TV program affiliated with the University of Minnesota’s Institute for Advanced Studies, April 2015. Video: <http://ias.umn.edu/2015/04/10/valencius/>

DISASTER PREPARATION PRESENTATIONS

- Invited plenary on “Historical Lessons from the New Madrid Earthquakes” at the New Madrid Bicentennial Conference/Earthquake Engineering Research Institute conference (April 2012).
- New Madrid Bicentennial Town Hall presentation on “The Lost History of the New Madrid Earthquakes,” sponsored by the Arkansas Geological Survey, Jonesboro, Arkansas, Jan 2012.
- Presentation on present-day lessons from the 1811-12 New Madrid quakes to the Arkansas Governor’s Earthquake Advisory Council, Jonesboro, Arkansas, Jan 2012. Guest at Advisory Council meeting, Little Rock, Arkansas, July 2015.

ADDITIONAL AWARDS AND GRANTS

TEACHING

- Certificate of Distinction in Teaching, Derek Bok Center for Teaching and Learning, Harvard University. 1999, 2011
- Certificate of Distinction in Teaching, Derek Bok Center for Teaching and Learning, Harvard University, for seminar “Historical Problems in Contemporary Medicine.” 2006
- Washington University Faculty Grant on Ethical Issues, for development of course on “Current Questions in the History of Medicine.” 2002
- Honorary faculty membership, Phi Alpha Theta History Society, Washington University in St. Louis, for work as a mentor and teacher. 2001

RESEARCH AND WRITING

- Faculty Research Grant from Washington University in St. Louis. 2002
- Graduate Fellowship at the Dibner Institute for the History of Science. 1997-8
- Mellon Fellowship in the Humanities, Woodrow Wilson Foundation. 1992-7
- Jacob K. Javits Fellowship, United States Department of Education. 1992-6
- Research Fellowship, Missouri Historical Society. 1994
- Strominger Prize, Department of the History of Science, Harvard University. 1992
- Susie Pryor Essay Award, Arkansas Women’s History Institute. 1990
- History of Medicine Research Award, University of Arkansas for Medical Sciences. 1988

HARD TO CATEGORIZE, BUT INTERESTING NONETHELESS

- Appeared as a real-life character in *The Telephone Gambit: Chasing Alexander Graham Bell’s Secret*, written by Dibner Institute colleague Seth Shulman (New York: W.W. Norton, 2008).
- Named an official “Arkansas Traveler” by gubernatorial proclamation, 2002.

PROFESSIONAL PRESENTATIONS AND INVITED TALKS SINCE 2011

The Lost History of the New Madrid Earthquakes	Missouri Conference on History (<i>Mar 2017</i>).
Comment: water history and the Midwest	Western History Association (Oct 2016).
“Earthquakes, Fracking, and Public Perception of Science”	University of Texas at Austin History and Philosophy of Science Seminar series / Lone Star History of Science Group (April 2016).
“Induced Earthquakes and Outsider Knowledge in Oklahoma & Arkansas”	American Society for Environmental History, Seattle (April 2016). <i>Organizer</i> : “Transplantation and Extraction: Oil, Gas, & Seismicity in Brazil, Germany, and the American Midwest”
“Sensing Earthquakes”	“Experiencing the Global Environment” workshop at the Max Planck Institute for the History of Science, Berlin (Feb 2016).
“The Future of Energy History”	“Carbon and Its Discontents” roundtable, Harvard University Department of History and Center for the Environment (April 2015).
Keynote: “Telling Mississippi River Stories”	Sawyer Seminar on “The Once and Future River,” University of Minnesota (April 2015). <i>Video</i> : http://ias.umn.edu/2015/04/08/sawyer-symposium/
“Fracking and Earthquake Uncertainty in Mid-America”	American Society for Environmental History, Washington, D.C. (March 2015). <i>Session organizer</i> : “Uncertainty in Lay/Expert Discussions of Environmental Issues”
Talking Earthquakes and History to Broad Audiences	Department of the History of Science, Harvard University (March 2014).
The Lost History of the New Madrid Earthquakes	Junior Faculty Colloquium, UMass Boston (Sept 2013)
Earthquakes and Environmental History	Carnegie Mellon University, symposium in honor of Joel Tarr (Dec 2013).
Comment: Joanna Dyl, “Making Land in Earthquake Country: Urban Development and Disaster in San Francisco.”	Boston Environmental History Seminar, Massachusetts Historical Society (Nov 2013).
Adventures of a Historian among the Seismologists	UMass Boston School for the Environment Seminar Series (Oct 2013).
Comment: military culture in the U.S. Civil War	Massachusetts Historical Society conference, “Massachusetts in the Civil War” (April 2013).
Invited keynote speaker, panel commentator, and informal presenter	Chemical Heritage Foundation/WHEATS graduate conference in the history of environment, agriculture, technology, and science, University of Pennsylvania (March 2013).
Fracking and Seismic Fear in the American Heartland	For invited conference, “Climate and Beyond: Knowledge Production about Planet Earth and the

	Global Environment as Indicators of Social Change,” Oeschger Centre for Climate Change Research, University of Bern (Jan 2013).
Comment: “Bodies at War”	American Historical Association (Jan 2013).
Comment: “Acculturation”	Northeast/Atlantic Canada Environmental History Forum, Massachusetts Historical Society (Oct 2012).
Comment: health and Western journeys	Western Historical Association (Oct 2012).
Historians and Earthquakes in the Central U.S.	STS Circle, Harvard University Kennedy School of Government (Feb 2012).
Vernacular Science and the New Madrid Earthquakes	Humanities Center, Department of History, and Department of Geosciences, Stony Brook University (Feb 2012).
Earthquake Cracks in the Mississippi Valley	ASEH History Annual Meeting (April 2011). (<i>Organizer</i> : Earth Sciences and U.S. Environmental History)

HEALTH OF THE COUNTRY DISCUSSIONS & PRESENTATIONS

- Medical professionals: Tulane University School of Medicine (Feb 2005); Bernard W. Becker Medical Library lecture series, Washington University School of Medicine (March 2004); and the University of Arkansas for Medical Sciences History of Medicine Associates (Sept 2002).
- Environmentalists: Missouri Coalition for the Environment (Oct 2003).
- Writers: St. Louis Writers’ Guild (Feb 2003), Washington University Writers Center (Dec 2002).
- University alums: Washington University Century Club (Nov 2002).
- Local historians: American Association for State and Local History, St. Louis (Oct 2004).
- Museums and archives: Old Independence Regional Museum, Batesville, Arkansas (October 2006), Missouri State Archives (Sept 2004), and the Missouri Historical Society (March 2003).

HEALTH OF THE COUNTRY INTERVIEWS

- Discussions of *The Health of the Country* on St. Paul community radio, March 2004; KABF Community Radio in St. Louis, Oct 2003; KLRE Little Rock, Dec 2002; WYSO Ohio’s “Book Nook,” USA Radio Network’s “Daybreak USA,” WILL Illinois’s “Focus 580,” KCPW Colorado’s “Public Affairs Hour,” and Cable Radio Network, Aug 2002; and KUAF, Fayetteville, Arkansas, Feb 2002.

TEACHING

SCHOOL FOR THE ENVIRONMENT, UMASS BOSTON

2014-16

- Co-teacher, “Coasts and Communities,” graduate introduction for the IGERT Program (Spring 2016).
- Advisor and committee member for M.S. students. Thesis advisor for one student.
- Guest lecturer: EOS 375, Introduction to Remote Sensing (Spring 2015) and EOS 604 (Spring 2015).

DEPARTMENT OF HISTORY, UMASS BOSTON

2011-16

- History 101 – introduction to methodology and skills, involving 5 assignments and fabulous books.

- Leeches to Lasers: Medicine and Health in the United States (HIST 171) – innovative course designed to introduce science and nursing majors and pre-meds to the history of medicine and the study of history. *Part of new “Science, Medicine, and Society” minor.*
- U.S. History Since 1877 (HIST 266) – large survey course, involving music, images, and three essays.
- This Land is Your Land: An Exploration of U.S. Environmental History (HIST 276) – race, region, science, politics, technology, agriculture, idealism. One assignment: pick an object and explain what it tells us about U.S. environmental history. Typical examples: jug of Quabbin Reservoir water, package of ground beef, court ruling on Boston Harbor. *Part of School for the Environment curriculum and new “Science, Medicine, and Society” minor.*
- U.S. Civil War and Reconstruction (HIST 375) – causes, battles, environments, tactics, technologies, morale, financing. Assignments involve writing music lyrics and visiting local exhibits.
- Sites of Calamity: Places of Disaster in U.S. History (HIST 478) –how do we understand places of disaster in U.S. history? Three main units: Hurricane Katrina, the New Madrid earthquakes, and the Civil War battle of Gettysburg. *Part of School for the Environment curriculum.*
- Research & Methods seminar in Civil War history (HIST 481).

DEPARTMENT OF THE HISTORY OF SCIENCE, HARVARD UNIVERSITY 2010-11

- Taught U.S. environmental history, directed Senior Honors Thesis Tutorial.

DEPARTMENT OF THE HISTORY OF SCIENCE, HARVARD UNIVERSITY 2005

- Historical Problems in Contemporary Medicine, an intensive history of medicine seminar grappling with current issues in American medical care as experienced in the Boston area. Awarded a Certificate of Distinction in Teaching.

GRADUATE TEACHING AND ADVISING

- External Ph.D. advisor for students at University of Pennsylvania, Harvard University, and Stony Brook University, 2011-2016.
- Thesis advisor, thesis committee member, and independent study advisor for M.A. candidates, Department of History and School for the Environment, University of Massachusetts Boston, 2011 –
- Advisor and general exams committee member for Ph.D. and M.A. candidates at Washington University in St. Louis Departments of History and Philosophy, 1999-2008.
- Developer of graduate-level reading courses in conjunction with undergraduate courses, UMass Boston, 2011-2013 and Washington University in St. Louis, 1999-2004.

DEPARTMENT OF HISTORY, WASHINGTON UNIVERSITY IN ST. LOUIS 1999-2004

- Developed and taught courses across the History curriculum. Oversaw senior thesis projects, graduate readings, and dissertation research.

DEPARTMENT OF THE HISTORY OF SCIENCE, HARVARD UNIVERSITY 1994-99

- Awarded a Certificate of Distinction in Teaching in 1999 for graduate teaching.

PRESENTATIONS FOR K-12 TEACHERS

- Session for high school and middle school teachers on teaching the history of science through earthquakes, The Education Cooperative, Dover, MA, July 2015.
- Plenary on teaching environmental history and session on the New Madrid earthquakes in the American Studies Summer Institute, a continuing-education program for high school teachers and history and American Studies graduate students, UMass Boston Department of American Studies and the John F. Kennedy Library, July 2015.

- Presentation for high school teachers on teaching the Civil War in Massachusetts through archival materials, Commonwealth Museum teacher education series, Oct 2013.
- “Earthquakes and History,” discussion with Jonesboro Middle School students, Jonesboro, Arkansas, Jan 2012. Followed an engineer with photos of huge earth-moving equipment, huge destruction, and men with guns in disaster zones, but still managed to keep the attention of 400 middle-schoolers!
- Talks on health and environment in U.S. history to the Arkansas Science Teachers’ Association (Nov 2003) and the Cooperating School Districts of St. Louis (March 2003).

PRESENTATIONS FOR LIFELONG LEARNERS

- Presentation on U.S. Reconstruction to students in the Women’s Learning Center, St. Mary’s Center, Dorchester, Massachusetts, March 2016.
- Presentations on writing history to classes at Wollaston Elementary School, 2012-2016.
- “Earthquakes and History,” discussion with Jonesboro Middle School students, Jonesboro, Arkansas, Jan 2012. Followed an engineer with photos of huge earth-moving equipment, huge destruction, and men with guns in disaster zones, but still managed to keep the attention of 400 middle-schoolers!

TEACHER TRAINING

- Center for Innovative Teaching (CIT) semester-long teaching seminar, UMass Boston, spring 2013.
- Teaching workshops through the Center for Innovative Teaching at UMass Boston (2011-2014), Derek Bok Center for Teaching and Learning at Harvard University (1994-1998), and the Teaching Center at Washington University in St. Louis (1999-2004).

DEPARTMENTAL AND UNIVERSITY SERVICE

UNIVERSITY OF MASSACHUSETTS BOSTON

- Member, Nantucket Field Station Committee, School for the Environment, 2013 – 2016.
- Member, IGERT Program Steering Committee, 2014 – 2016.
- Co-founder and co-director, minor in “Science, Medicine, and Society,” 2014 – 2016.
- Member, General Education Committee, 2014 – 2015.
- Presenter at Office of Faculty Development session on tenure and promotion, March 2015.
- Member, Distribution Committee, College of Liberal Arts, 2013-2015.
- Honorary Degree Committee member, 2012-13.

DEPARTMENT OF HISTORY, UNIVERSITY OF MASSACHUSETTS BOSTON

- Chair, Search Committee for Assistant Professor in Native American History, 2015-6.
- Executive Committee member, Department of History, 2012-2014, 2015-2016.
- Member, Committee on Merit Revision, subcommittee addressing service and research, 2012-13.
- Member, Search Committee for Assistant Professor in Public History, Department of History, 2014.
- Member, assessment team making recommendations on departmental self-assessment, 2013.
- Faculty Senate representative, Department of History, 2012-2013.
- Co-chair, Search Committee, Assistant Professor in History of Modern Sub-Saharan Africa, 2012-13.
- Co-convener of informal faculty brown-bag discussion series, Department of History, 2012-14.
- Undergraduate Committee member, Department of History, 2011-14, and Director, 2015-16.
 - Coordinated undergraduate awards 2013-16.
 - Helped write formal guidelines for History 101 (2011-12), undergraduate internship program (2013), and reading and writing parameters for undergraduate courses (2011-12).

- Active supporter of undergraduate and graduate student intellectual life through extracurricular events such as a field trip to the “Lincoln” movie, departmental major pizza parties, Welcome Day, and the History Graduate Student Association’s social events and “Getting Published” forum.

HARVARD UNIVERSITY

- Committee on Visiting Scholars, Department of the History of Science, 2010-11.

WASHINGTON UNIVERSITY IN ST. LOUIS

- Medical Humanities Working Group, co-founder and co-coordinator, 2002-4.
- Minor in History & Philosophy of Science, co-coordinator, 2001-4.
- Curriculum review committee, Program in Environmental Studies, 2002-3.
- Committee on Environmental Quality, 1999-2002.
- Graduate Committee, 2002-3; Undergraduate Committee, 1999-2001; and Advisory Committee 2000-1, Department of History.

PROFESSIONAL SERVICE

- NEH panelist on science and healthcare proposals for new grant line, Humanities in the Public Square, National Endowment for the Humanities, September 2015.
- History of Science Society (HSS) Council Member, 2013-2015.
 - Co-leader of goal-setting group for HSS Strategic Planning initiative, 2014.
 - Co-organizer for “Science in the Streets,” event on public engagement in science, HSS Annual Meeting, Boston, Nov 2013.
- Center for Philosophy and History of Science, Boston University, Affiliate Member, March 2013 –
- Editorial Board, *Science and Culture in the Nineteenth Century*, Pickering and Chatto, 2013 – 2015.
- Senior mentor in mentoring program through the Virginia Institute of Technology.
- Reviewer for journals and presses in U.S. history, the history of medicine, and environmental history (most recently, *New England Quarterly*, *Isis*, *Environmental History*, and Oxford University Press).
- History of Earth Sciences Society (HESS) Council Member, 2010-2011.
- Earth & Environment Forum of the History of Science Society, Steering Committee, 2010-12, 2014-16.
- Independent Women Scholars Salon, founding member, 2008 –
- Pressman-Burroughs Wellcome Fund Award Committee, American Association for the History of Medicine (AAHM), Chair, 2008-10 and Member, 2006-8.
- Fellowship Selection Committee member, Massachusetts Historical Society, 2008.
- Program Committee member, AAHM, 2004-5.
- Shryock Essay Award Committee Chair, AAHM, 2003-4.
- HPS+ and WHOM listservs (for History & Philosophy of Science in the St. Louis region, and for Women Historians of Medicine generally), founding organizer and facilitator, 2000-4.

PUBLIC AND CAMPUS ENGAGEMENT

PUBLIC HISTORY

- Consultant, children’s book on Women in Medicine & STEM Fields, RedLine Editorial, winter 2016.

- “Lighting talk” at celebration of 50th anniversary of the Nantucket Field Station, UMB (Oct 2014).
- Workshop on finding the history of science in archives, Butler Center for Arkansas Studies (Sept 2013).
- “Voice of America” interview on the historical use of leeches (July 2004).
- “As Long as Life Shall Last,” contributor to exhibit on Arkansas women’s lives, Old State House, Little Rock (2000).

ENGAGEMENT WITH UNDERGRADUATE COMMUNITIES

- University of Arkansas at Little Rock: Guest discussant, Donaghey Scholars Honors Program (Spring 2014).
- Harvard University: Guest speaker, classes in History and History of Science (2006-2009 and spring 2013); Resident Tutor, Dudley Undergraduate Co-operative House (1993-95).
- Washington University in St. Louis: Panelist and moderator at student-organized sessions on current environmental issues, (2001-02). Faculty participant, Compton-Mylonas-Lien Scholars Program, Phi Alpha Theta history outings, and Women in Science and Engineering student group (1999-2004); Guest lecturer, “Land Dynamics and the Environment” and “Lewis and Clark” courses (1999-2001).

COMMUNITY ENGAGEMENT

- President of the Board of Directors of Ummeed Child Development Fund, supporting an innovative developmental pediatrics center in Mumbai, India that offers integrated cross-disciplinary services for children and families confronting a broad spectrum of disabilities, 2011 -
- Member, Board of Directors, Boston Chinese Dance, which teaches traditional Chinese dance, creates community among recent immigrants, and enhances the visibility of Chinese culture in the Boston region, 2013 -
- Coordinator, Troop 65472, Girl Scouts of Eastern Massachusetts, 2016 -
- Judge, STEM Fair, Quincy High School, 2014 and 2016.

PROFESSIONAL AFFILIATIONS

AAHM: American Association for the History of Medicine, 1992 –
 AHA: American Historical Association, 1992 –
 ASEH: American Society for Environmental History, 1998 –
 HESS: History of Earth Sciences Society, 2007 – 2014
 HSS: History of Science Society, 1992 – and Earth and Environment Forum of HSS, 2007 –
 MHS: Massachusetts Historical Society, Fellow, Fall 2014 –
 WHA: Western Historical Association, 2012 –