

Kerry V. Magruder

Curator, History of Science Collections
The John H. and Drusa B. Cable Chair
University of Oklahoma Libraries
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Education

- 2003 MLIS., School of Library and Information Science, University of Oklahoma
Thesis: “A Bibliography and Reference Analysis of Thomas Burnet, *The Theory of the Earth* (1684)”; <http://kvmagruder.net/pdf/Magruder-2003.pdf>
- 2000 Ph.D., History of Science, University of Oklahoma.
Dissertation: “Theories of the Earth from Descartes to Cuvier: Natural Order and Historical Contingency in a Contested Textual Tradition”
<http://kvmagruder.net/pdf/Magruder-2000.pdf>
- 1985 M.A., Science Education, Truman State University
- 1983 B.A., Biology, Truman State University

Academic Positions, Teaching

Curator, History of Science Collections, University of Oklahoma Libraries, January 2009-present
The John H. and Drusa B. Cable Chair, Fall 2011 - present
Associate Professor of Bibliography, University of Oklahoma Libraries, Summer 2010 - present
Assistant Professor of Bibliography, University of Oklahoma Libraries, Fall 2004 - Summer 2010
Librarian, History of Science Collections, University of Oklahoma Libraries, 2004-2008
Acting Librarian, History of Science Collections, University of Oklahoma Libraries, 2000-2003

History of Science Department, University of Oklahoma, 2000-present (Assistant Professor of the History of Science, 2000-2009; Associate Professor of the History of Science, 2010-present)

- HSCI 3013, History of Science to Newton (online): Fall 04, Spr 05, Fall 05-08, Spr 2014.
- HSCI 5990, History of Science graduate seminar (team-taught), ongoing basis.
- HSCI 5970: Research, Criticism and Analysis (historiographical seminar), Fall 2001.
- HSCI 3023: History of Science since the age of Newton, Summer 1998.
- HSCI 5550/6970: directed readings, special studies, supervised internships, 1-3 graduate students per semester, ongoing basis.

Assistant Professor of Natural Sciences, Oklahoma Baptist University, 1994–1998.

- History of Science: 312, to Newton; and 313, after Newton.
- Natural Science (interdisciplinary, laboratory-based, historically-organized science courses for junior-level liberal arts students): US 311 (physical sciences); US 312 (life sciences); GNSC 320 Earth sciences; and Topics in Astronomy Education.
- OBU Science Education program, Director. Advising, supervising student teachers, teaching ED 398 Secondary Science Teaching Methods.
- OBU Planetarium, Director. Responsibilities included integrating planetarium shows across the liberal arts curriculum, supervising 10-12 student workers, maintenance and technical operation, program production, show presentations, and teaching GNSC 250 Planetarium Operations.



Professional Presentations

- “Libraries as makers of OER: A Pilot Project,” with Brent Purkape, OpenEd 2015 Annual Conference, Vancouver, B.C., 11/19/2015.
- “The Intersection of Science and Mathematics: Lessons from Galileo’s World,” invited keynote presentation for the School Science and Mathematics Association annual conference, Oklahoma City, OK, 10/29/2015.
- “How Galileo’s World Came to Be,” invited presentation for the Galileo’s World Opening Forum, National Weather Center, Norman, OK, 9/25/2015.
- “Galileo and the Jesuits: From Rome to Beijing,” invited presentation for the Okie-Tex Star Party, Black Mesa, OK, 9/26/2014.
- “The Edition Open Sources Platform of the OU History of Science Collections and Max Planck Institute for the History of Science,” related versions presented at the Midwest Junto for the History of Science, Truman State University, 4/5/2014; at the INHIGEO annual symposium at Asilomar, CA, 7/8/2014; and at the Digital HPS Annual Workshop, Poincaré Papers Project, Nancy, France, 9/2/2014.
- “The New Galileo Affair: Recent Forgeries,” University Libraries, Community Room (7/17/2014).
- “The Works of Johann Kepler: A Guided Tour,” OKC Astronomy Club (5/9/2014), invited.
- “The Theology of Isaac Newton,” Westminster Presbyterian Church, Oklahoma City, 4/4/2013.
- “The Works of Johann Kepler,” Okie-Tex Star Party, Black Mesa, OK, 10/3/2013, invited.
- “Boldly Explore: The History of Science in Science Education,” Oklahoma Science Teachers Association annual conference, UCO, 11/2/2013, keynote presentation, invited.
- “Islamic Science,” Schusterman Library, OU-Tulsa, Muslim Journeys exhibition series, 11/20/13, invited.
- “Early Microscopy and Galileo’s World,” invited keynote, Oklahoma Microscopy Society annual meeting, Oklahoma Academy of Sciences, University of Central Oklahoma, November, 2012.
- “iPads in the Classroom: Using iBooks Author to create interactive, multimedia semester projects,” presentation with Hunter Heyck, OU Teaching Scholars Initiative, 10/19/2012.
- “Global Visions: Depictions of Spaceship Earth before Apollo,” invited colloquium presentation, Departments of Meteorology and Earth Sciences, Texas Tech University, Lubbock, TX, April 27, 2012.
- “Progress report: The OU History of Science Collections Online Galleries,” NSF Digitization Workshop, Einstein Papers Project, Cal Tech, Pasadena, CA, 4/14-17/2011 (invited, attendance sponsored by NSF).
- “The University of Oklahoma Libraries’ Galileo and Darwin Collections,” OU College of Dentistry, honor banquet speaker, 4/9/2011.
- “The OU History of Science Collections Online Galleries,” NSF Digitization Workshop, Marine Biological Laboratory, Woods Hole, MA, 2/25-28/2010 (invited, attendance sponsored by NSF).
- “Online Images and Learning: Going Beyond Visual Aids”; invited presentation, History of Science Society annual conference, Phoenix, AZ, 11/20/2009.
- “The Works of Charles Darwin: A Guided Tour,” banquet presentation for the Bizzell Society, Oklahoma City, 4/30/2009.
- “Geology and Ancient Wisdom: The Enigma of John Whitehurst,” paper presented at the annual meeting of the Geological Society of America, Houston, Texas, 10/8/2008.
- “The Works of Galileo: A Guided Tour”
- Galileo Commemoration of the University of Arkansas, Fort Smith, 1/21/2010.
 - Okie-Tex national star party, sponsored by the Oklahoma City Astronomy Club, held near Black Mesa, Kenton, OK, 9/18/2009.

- International Year of Astronomy lecture series sponsored by the Homer L. Dodge Department of Physics and Astronomy, held at Sam Noble Oklahoma Museum of Natural History, 1/21/2009.
 - NASA Research Center, Langley, VA, 7/8/2008
 - Virginia Air & Space Center, Hampton, VA, 7/8/2008
 - Michigan State University, invited colloquium sponsored by the Physics-Astronomy Department and the Lyman Briggs School of Science, 4/12/07.
 - New Mexico State University, Physics Department colloquium, February 24th, 2006.
 - Online version received Star Award of the Griffith Observatory (one of the oldest and largest US planetariums) in 2005 (Collections online exhibits were discontinued Fall 2010).
 - Truman State University, Physics Department colloquium, April 1, 2005.
 - University of Oklahoma Physics-Astronomy colloquium, February 19, 2004.
 - Fermilab National Accelerator colloquium, Chicago, February 4, 2004.
 - Florida State University, Physics Department colloquium, October 23, 2003.
- “Copernicus and his *Revolutions*: A Guided Tour”
- Galileo Commemoration of the University of Arkansas, Fort Smith, 1/21/2010.
 - Okie-Tex national star party, sponsored by the Oklahoma City Astronomy Club, held near Black Mesa, Kenton, OK, 9/17/2009.
 - Florida State University, invited colloquium sponsored by the Physics Department, 1/24/08.
 - Michigan State University, invited colloquium sponsored by the Physics-Astronomy Department and the Lyman Briggs School of Science, 4/11/07.
 - University of Oklahoma, Physics-Astronomy Department colloquium, 2/9/06.
- “The Shape of the Earth”
- Southern Nazarene University, Bethany, OK, invited public evening lecture, 4/28/08.
- “Biblical Idiom and Global Depictions in Theories of the Earth,” presented in Eichstätt, Germany, July 27 - Aug 5 2007 at the annual Symposium of INHIGEO.
- “Virtually There: Digitization and Pedagogy in the History of Science program,” with Melissa L. Rickman and Stephen Weldon, colloquium for the History of Science Department, September 29, 2006.
- “Kenneth L. Taylor: A Student Tribute,” 5/5/2006, one of four invited presentations at a public Symposium held in the University of Oklahoma Memorial Union sponsored by the History and History of Science Departments to honor retiring faculty David Levy and Kenneth L. Taylor by recognizing the impact of their scholarship upon their respective fields.
- “Galileo: Relationships between Science and Religion,” public presentation in the “Research Revolution: Science and the Shaping of Modern Life” discussion series, Oklahoma City Public Library, sponsored by the University of Central Oklahoma College of Mathematics and Science, Friends of the Library of UCO, and the Oklahoma City Metropolitan Library System, October 6, 2005.
- “Global Visions: Theories of the Earth and the Early Development of Visual Representations of the Earth,” INHIGEO Symposium on the History of Geophysics, Prague, July 5, 2005.
- “The *Sphaera* of Gabriele Beati and Jesuit Cosmology after Galileo,” invited banquet address for the annual conference of the Midwest Junto for the History of Science, held at Truman State University, Kirksville, Missouri, April 2 2005.
- “Lessons from the Aether: Developing and Teaching Online Courses,” with Laura Gibbs. OU History of Science Department colloquium, December 3, 2004.

- “Whole-Earth Thinking before Wegener: Global Sections and Views in Theories of the Earth.” OU Geology and Geophysics colloquium, October 21, 2004.
- NOVA, “Galileo’s Battle for the Heavens,” aired on PBS October 2002. I provided the producers with images from books seen in this film. The first-listed institutional credit is to the History of Science Collections, University of Oklahoma Libraries, and the first-listed individual consultant credit is to myself.
- “The *Sphaera* of Gabriel Beati and 17th-century Jesuit cosmology,” OU History of Science Department colloquium, spring 2002.
- “Reassessing a Contested Textual Tradition: Jacques Roger and the Historiography of Theories of the Earth,” OU History of Science Department colloquium, spring 2002.
- “Theories of the Earth from the Printing Revolution to the Professionalization of Geology,” History of Science Collections book presentation, spring 2002.
- “The Prometheus Project of the OU History of Science Collections,” Workshop for Digitization in the History of Science, The Dibner Institute and MIT, March 2002.
- “Crossing Disciplinary Divides: Global Visions and Hexameral Idiom in Textual Traditions before Geology,” Geological Society of America annual meeting, Denver, Colorado, October 25-28, 1999.
- “Journey to the Center of the Earth (from Kircher to Verne),” Linda Hall Library, Kansas City, Missouri, January 8, 1998.
- “History of Science and the Planetarian,” Southwest Association of Planetariums (SWAP) conference, Austin, TX, in 1994.

Publications — Public writing

- Exhibit booklet: *Galileo’s World Exhibit Guide*, published by the University of Oklahoma Libraries, August 2015. This 1,000-page booklet in the enhanced iBook format is intended for in-depth individual study and for educators and classes visiting the exhibit physically or virtually. It is available for free download in the iBookstore (Mac and iOS platforms only). See also the Learning Leaflets and other exhibit-related open educational resources at oulynx.org.
- Kerry V. Magruder, *A Living Library: The Growth of the History of Science Collections after “Roller-Goodman,” 1976-2012* (Summer/Fall 2012). This interactive iPad e-book describes more than 150 interesting items acquired since 1976. It is available for download from the Collections blog (<http://ouhos.org/2012/08/15/new-exhibit-a-living-library/>), from iTunes U (<https://itunes.apple.com/us/course/living-library-exhibition/id656745239>), and from the iBookstore (<https://itunes.apple.com/us/book/a-living-library/id684342640?mt=11>).
- Exhibit booklet: *Darwin@the Library*, published by the University of Oklahoma Libraries, June 2011 (enhanced iBook format, download at the iBookstore for Mac and iOS platforms).
- “This is NOT a Medieval Woodcut!,” <http://kvmagruder.net/flatEarth/index.html>.
- “Theories of the Earth,” with Kenneth L. Taylor, in *Europe 1450 to 1789: Encyclopedia of the Early Modern World*. New York: Charles Scribner’s Sons, 2004. Vol. 2, pp. 222-226.
- “Geology,” with Kenneth L. Taylor, in *Europe 1450 to 1789: Encyclopedia of the Early Modern World*. New York: Charles Scribner’s Sons, 2004. Vol. 3, pp. 39-42.
- “The Lynx,” newsletter of the University of Oklahoma Academy of the Lynx, a support organization for the History of Science Collections.
— No. 1, October, 2002.

— No. 2, November, 2005.

“Copernicus and His *Revolutions*,” a 77-minute DVD written and produced by Kerry Magruder for The OBU Planetarium in “The Cosmology and Cultures Project” (Oklahoma Baptist University and the American Council of Learned Societies, 2005), instruction manual at <http://www.kvmagruder.net/mov/Copernicus.pdf>; available as online video at <http://vimeo.com/28674594>.

“The Shape of the Earth,” a 47-minute DVD written and produced by Kerry Magruder for The OBU Planetarium in “The Cosmology and Cultures Project” (Oklahoma Baptist University and the American Council of Learned Societies, 2005), instruction manual at <http://www.kvmagruder.net/pdf/Shape.pdf>; available as online video at <http://vimeo.com/28673444>.

“Stars over Ancient Babylon,” a 47-minute DVD written and produced by Kerry Magruder for The OBU Planetarium in “The Cosmology and Cultures Project” (Oklahoma Baptist University and the American Council of Learned Societies, 2005), instruction manual at <http://www.kvmagruder.net/mov/Babylon.pdf>; available as online video at <http://vimeo.com/28674346>.

Publications — Specialist literature

Kerry V. Magruder, “Global Visions and the Establishment of Theories of the Earth,” *Centaurus* 2006, 48: 234-257.

Kerry V. Magruder, “Understanding a Contested Print Tradition: Bourguet’s Mosaic, Platonic and Aristotelian Theories of the Earth,” *The Compass: The Earth-Science Journal of Sigma Gamma Epsilon* 2008, 81: 9-25; part of a special issue on the history of geology edited by Daniel F. Merriam.

Kerry V. Magruder, “Thomas Burnet, Biblical Idiom, and 17th-Century Theories of the Earth,” in Jitse M. van der Meer and Scott Mandelbrote, eds., *Nature and Scripture in the Abrahamic Religions: Up to 1700*, Brill’s Series in Church History, no. 36 (Leiden: Brill, 2008), 2 vols., vol. 2, pp. 451-490.

Kerry V. Magruder, “The Idiom of a Six Day Creation and Global Depictions in Theories of the Earth,” in Martina Kölb-Ebert, ed., *Geology and Religion: Historical Views of an Intense Relationship between Harmony and Hostility*, Geological Society of London Special Publications, no. 310 (London: The Geological Society of London, 2009), 49-66.

Kerry V. Magruder, “Jesuit Science after Galileo: The Cosmology of Gabriele Beati,” *Centaurus* 2009, 51: 189-212.

Exhibitions, History of Science Collections

10/18/2009 – 1/18/2010: Kerry V. Magruder, Laurie J. Vitt, Curators. “Darwin @ the Museum.” A joint exhibition of the History of Science Collections, University of Oklahoma Libraries, and the Sam Noble Oklahoma Museum of Natural History, including first editions of every printed volume published by Charles Darwin displayed along with Museum artifacts and specimens.

2012 Exhibit booklet: The Living Library, the University of Oklahoma Libraries, published on ouhos.org on August 19, 2012. <http://ouhos.org/2012/08/19/ipad-exhibit-guide/> The content of this non-refereed exhibit guide is the result of a research project of equivalent effort as a published article. In addition, in its technical dimension, using the interactive

iBooks Author format for deployment on iPads is also a work of innovative creative achievement.

8/2015-2016: Kerry V. Magruder, Exhibit Curator. “Galileo’s World: Bringing Worlds Together.” A joint exhibition of 350 rare books and other objects in 21 galleries in 7 locations celebrating the 125th anniversary of the University of Oklahoma. Galleries include the following in Bizzell Memorial Library (co-curators listed where appropriate): Music of the Spheres; Galileo, Engineer; Galileo and China; The Controversy over the Comets; The New Physics; The Galileo Affair. At the Sam Noble Museum of Natural History (co-curated by Tom Luczycki, Katrina Menard and James Burnes): Galileo, Natural History and the Americas; and Galileo and Microscopy. At the National Weather Center: Copernicus and Meteorology; Galileo and Kepler; Galileo and Experiment; Space Science after Galileo. At the Fred Jones Jr. Museum of Art (co-curated by Francesca Giani and Mark White): Galileo and the Telescope; The Moon and the Telescope; The Sky at Night. At the Athletic Department, Headington Hall: Galileo and Sports. At the Health Sciences Campus, Bird Library: Galileo and Anatomy; Galileo and Health Care. At the OU-Tulsa Campus, Schusterman Library: The Scientific Revolution. Additional partners in the Galileo’s World exhibition include the *Museo Galileo* in Florence (instrument replicas and animated tutorial videos), as well as the OU College of Engineering (“Tower of Pisa” replica), the OU College of Fine Arts (production of Monteverdi’s *Orfeo*), and other academic programs. See galileo.ou.edu and the Exhibit Guide, Learning Leaflets and other exhibit-related open educational resources at oulynx.org.

Displays, History of Science Collections

- “Before Vesalius: Classical Texts, *Materia Medica*, Astrology, Art and Anatomy in Renaissance Medicine,” Fall 2001
- “Euclid of Alexandria, Megara, Gela, Damascus, Tyre, Baghdad, Maragha, Venice, Paris, London, Rome, Basel, and the Moon,” Spring 2002
- “Galileo and the Academy of the Lynx,” Fall 2002
- “A Geologist in His Den: William Buckland's lectures at Oxford in 1823,” Spring 2003
- “Meteorology: A Meeting Place of Many Disciplines,” Spring 2004
- “Questioning the Stony Ichthyolites: An Exhibit for the 2004 Joint Conference of the American Society of Ichthyologists and Herpetologists,” Summer 2004
- “Recent Acquisitions of the History of Science Collections,” Fall 2004
- “Insect Portraits,” Summer 2005
- “Copernicus and his Revolutions: In honor of Owen Gingerich,” September 2006
- Prepared exhibits for football home game days, Fall semesters of 2006 and 2008
 - “By the Hand of...; manuscripts in the History of Science Collections,” Summer
 - “Skeletons, Monsters, Witches and More: A Halloween Exhibit,” October
 - “Thanksgiving Dinner with all the fixin’s,” November
 - “Winter Holidays!” December
- “Women’s Contributions to the Scientific Enterprise,” with Marilyn Ogilvie, Spring 2007
- “Before the *Origin*: The Early Works of Charles Darwin,” Spring 2009
- Consultant for Huntington Library exhibition “Beautiful Science: Ideas that Changed the World”; onsite visit (6/11/08-6/13/08); with regular correspondence up through attendance at opening ceremony and banquet (10/31/08).
- “The Many Faces of the Moon,” Fall 2009, for IYA 09.

Jens Rud Nielsen and the 20th Century Revolution in Physics: A Tribute to the OU Physics/Astronomy Centennial,” with JoAnn Palmeri, Fall 2010; numerous posts at ouhos.org.
“Technology and the Early Printed Book,” with JoAnn Palmeri, Spring 2011; a tribute to the centennial of the OU College of Engineering; brochure at ouhos.org.
“Winter Holidays,” December 2011; self-guided tour (pdf) at ouhos.org.

Member, Graduate Student Committees

Jonathan Annis, PhD Fine Arts, pending
Carolyn Scarce, PhD History of Science, pending
Harold Kihega, PhD Science Education, pending
James Burnes, PhD History of Science, pending
Quentin Bidy, PhD Science Education, pending
Brent Purkaple, PhD History of Science, pending
Kirsti Gaither, PhD History of Science, pending
Carrie Miller-Deboer, PhD Science Education, Spring 2015 (co-chair 2011)
Brent Purkaple, MA History of Science, May 2015
Quentin Bidy, MA Science Education, Fall 2014
James Burnes, MA History of Science, Summer 2014
Harold Kihega, MA Science Education, 2013
Jeffrey Crawford, PhD Physics, 2013
John Stewart, PhD History of Science, 2013
Henry Zepeda, PhD History of Science, 2013
Julie Grissom, PhD History of Science, 2013
Walid Shihabi, PhD Science Education, 2012
Matt Stock, PhD Fine Arts, 2012
Kirsti Gaither, MA History of Science, 2012
Tony Yates, PhD Science Education, Fall 2011
Leslie John Flanagan, PhD Fine Arts, Spring 2011
Geary Crofford, PhD Science Education, Spring 2011
Melissa Rickman, PhD History of Science, Spring 2011 (co-chair)
Tom Hoyt, MA History of Science, 2011
Jason Brogden, MA History of Science, Spring 2010 (chair)
Jason Oakes, PhD Philosophy, Fall 2009
Russell Hunter, MA History of Science, Summer 2009
J Harvey, MA History of Science, Summer 2009
John Stewart, MA History of Science, Spring 2008
Julia Daine, MA Museum Studies, Spring 2008 (chair)
Rick Tison, PhD History of Science, Spring 2008
Dan Vincent, PhD Science Education, Spring 2006
Ryan Powell, MA History of Science, Fall 2004
Melissa Rickman, MA History of Science, Fall 2003
Kelly Lankford, PhD History, 2003
Darcy LeFevre, MA History of Science, 2002
Kathleen Tierney, MA History of Science, 2001

Honors, Grants, Awards

- Co-PI with Stephen Weldon (12/2013); requested \$351,844 from the Alfred P. Sloan Foundation for “Isis Development Platform.” 2014: Funded.
- The John H. and Drusa B. Cable Chair of the History of Science Collections, 9/26/2011.
- Election to membership in INHIGEO, the International Commission for the History of the Geosciences, Fall 2004 (one of 11 American members at time of election).
- Received \$3000 in Fall 2004 from the College of Arts and Sciences for a Proposal for Development of an Online Course (HSCI 3013).
- Received \$18,300 in Summer 2006 as Co-Principal Investigator, with Stephen Weldon, of a College of Arts and Sciences IT grant to digitize images useful for teaching. The budget funded a Graduate Assistant in the History of Science Collections (2006-07) under my supervision.

Service

University of Oklahoma Libraries

- 2004-present: Facilitate the research of over 40 residential scholars who hold research privileges in the History of Science Collections, and assist non-residential visiting scholars (including 5-10 Mellon Travel Fellows per year).
- 2004-present: Facilitate the History of Science Collections’ hosting of production of the History of Science Society’s annual *Isis Critical Bibliography* under the direction of Ass’t Prof. Stephen Weldon and three graduate assistants.
- Coordinate and supervise (with Stephen Weldon) the academic aspects of the Edition Open Sources platform, including the EOS post-doctoral fellow.
- 2013-2014: Member, Bizzell Library Master Planning Committee
- Member, OU Libraries search committees, 2013-2014: Chelsea Julian; David Davis; Sean Richards; Tara Carlisle; Melissa Rickman.
- 2011-2012: Member, Dean of OU Libraries search committee
- 2011-2012: Chair, Western History Collections Librarian search committee
- Provide several dozen presentations per year to classes in the History of Science Collections and to off-campus classes and adult groups. Examples:
 - “Treasures of the History of Science Collections,” invited banquet speaker for the Friends of the Library, University of Science & Arts of Oklahoma in Chickasha, May 9, 2006;
 - “The Star of Bethlehem and the History of Science,” Genesis Class, Westminster Presbyterian Church, Oklahoma City (presented on three different occasions in 2009-2012).
 - “Treasures of the Bizzell Bible Collection,” invited banquet speaker for the Love County OU Alumni Club, Marietta, OK, April 19, 2012.
- Provide an average of several tours per week of the History of Science Collections to campus guests.
- Faculty sponsor, Sooner Mac User Group, 2005-2007.

University of Oklahoma

- 2005-2006: Voting member, History of Science Department faculty search committee; Jamil Ragep, chair.
- 2006-2007: Voting member, History of Science Department faculty search committee; Steven J. Livesey, chair. Filled three faculty positions for the History of Science Department.

- Spring 2006: Member, Graduate College Dissertation Awards Committee to select the outstanding humanities doctoral dissertation of 2005; chaired by Diana Beal.
- Spring and Summer 2006: Member, Renaissance Project planning committee for the 2006-2007 “Science, Technology and Ethics” campus-wide emphasis, chaired by Robert Con Davis-Undiano.
- 2007-2008: Darwin 2009 Project planning committee; organizing member and co-chair.
- 2007-2011: Chair, Organizational Support Committee, History of Science Department.
- 2008-2009: Member, Committee A, History of Science Department.
- Spring 2008: Member, Graduate College Dissertation Awards Committee to select the outstanding humanities doctoral dissertation of 2007; chaired by Janis Paul.
- 2010-2011: Voting member, Faculty Search Committee for Astronomy (position filled)
- 2011-2012: Voting member, Faculty Search Committee for Astronomy (position filled)
- 2012: Committee A member, History of Science Department
- 2013-2015: Committee A member, History of Science Department

Professional

- 2007-present: International Commission for History of the Geosciences (INHIGEO, 1 of 11 elected members from USA at time of election; the 11-member limit was removed in 2011).
- 2011-present: Advisory Board member, Green Scholars Initiative.
- 2011-2012: E-Publications Officer, History of the Earth Sciences Society (HESS).
- 2008-2009: Secretary, History of the Earth Sciences Society (HESS).
- 2006-2007: Program Officer, History of the Earth Sciences Society (HESS).
Organized and moderated a session on “Government and the Earth Sciences” at the HSS annual convention in Washington, D.C., November 1-4, 2007. The session was sponsored by HESS. Acceptance of sessions was competitive; the session was approved by HSS in May 2007.
- 2005-2013: Provide more than 80,000 print-quality images at <http://hos.ou.edu/galleries/>; with browsing of thumbnail, portrait and book galleries.
- Maintain the History of Science Collections’ blog at <http://ouhos.org>.
- 10/14/2014 and 10/13/2015: Women in Science K12 conference, Mabee Center, Tulsa, OK (10/14), invited; prepared & distributed materials.
- 2011-2015: Member, Advisory Board, World History of Science Online (WHSO).
- 2014-2015: Member, Editorial board, Edition Open Sources (University of Oklahoma and Max Planck Institute for the History of Science).