

STEPHEN P. WELDON

Associate Professor of History of Science
Editor, *Isis Bibliography of the History of Science*

Department of History of Science
University of Oklahoma
601 Elm, Physical Sciences, Room 618
Norman, OK 73019-3106

Office phone: 405-255-5187
Email: spweldon@ou.edu
Website: stephenpweldon.com

TEACHING/RESEARCH POSITIONS:

Associate Professor, History of Science Department, University of Oklahoma (2002-present)
Affiliated Scholar, Kanazawa Institute of Technology (Fall 2008)
Visiting Scholar, Department of Science and Technology Studies, Cornell University (2000-2002)

EDITORIAL POSITIONS:

Editor, *Isis Current Bibliography of the History of Science* (2002-present)
Managing Editor, History of Science Society, *Isis* (1999 and 2001); *Osiris* (vols. 15 and 16)

EDUCATION:

Ph.D., History of Science and History, University of Wisconsin-Madison, 1997. Thesis title: "The Humanist Enterprise from John Dewey to Carl Sagan: A Study of Science and Religion in American Culture"
M.A., History of Science, University of Wisconsin-Madison, 1990
B.A., Science, Technology, and Society, Cornell University, 1985
Special Student, Science, Technology, and Society, Massachusetts Institute of Technology, 1984

RESEARCH

1. MAJOR PRINT WORKS:

The Scientific Spirit of American Humanism. [Johns Hopkins University Press, October 2020](#).
Isis Current Bibliographies (2002-2019). A total of over 4,000 pages and 200,000 curated records.
Isis Current Bibliography, supplement to *Isis*, vol. 110 (2019), pp. i-vi, 1-306.
Isis Current Bibliography, supplement to *Isis*, vol. 109 (2018), pp. i-v, 1-341.
Isis Current Bibliography, supplement to *Isis*, vol. 108 (2017), pp. i-xxxi, 1-191.
Isis Current Bibliography, supplement to *Isis*, vol. 107 (2016), pp. i-xxx, 1-240.
Isis Current Bibliography, supplement to *Isis*, vol. 106 (2015), pp. i-xxx, 1-300.
Isis Current Bibliography, supplement to *Isis*, vol. 105 (2014), pp. i-xxx, 1-301.
Isis Current Bibliography, supplement to *Isis*, vol. 104 (2013), pp. i-xxx, 1-304.
Isis Current Bibliography, supplement to *Isis*, vol. 103 (2012), pp. i-xxix, 1-317.
Isis Current Bibliography, supplement to *Isis*, vol. 102 (2011), pp. i-xxx, 1-327.
Isis Current Bibliography, supplement to *Isis*, vol. 101 (2010), pp. i-xxvii, 1-305.
Isis Current Bibliography, supplement to *Isis*, vol. 100 (2009), pp. i-xxv, 1-280.
Isis Current Bibliography, supplement to *Isis*, vol. 99 (2008), pp. i-xxv, 1-320.
Isis Current Bibliography, supplement to *Isis*, vol. 98 (2007), pp. i-xxi, 1-305.
Isis Current Bibliography, supplement to *Isis*, vol. 97 (2006), pp. i-xxiv, 1-252.
Isis Current Bibliography, supplement to *Isis*, vol. 96 (2005), pp. i-xxii, 1-242.
Isis Current Bibliography, supplement to *Isis*, vol. 95 (2004), pp. i-xxiv, 1-249.
Isis Current Bibliography, supplement to *Isis*, vol. 94 (2003), pp. i-xxii, 1-275.
Isis Current Bibliography, supplement to *Isis*, vol. 93 (2002), pp. i-xv, 1-237.

2. MAJOR DIGITAL PROJECTS:

IsisCB Explore (established November 2015). See: <http://isiscb.org/explore/>. An open access history of science discovery tool based on the data in the *Isis Bibliography of the History of Science*.

Major Updates/Developments:

Timeline for Authorities (opened 2018 March). A timeline visualization of all publications in the database related to a specific person, institution, or concept.

Contributing Editors (established 2017). A collaboration with scholars in different specializations, who are appointed to find and enter electronic bibliographical records in a specific subject or language area.

IsisCB Cumulative (published online November 2016). See: <https://cumulative.isiscb.org/>. An open access website containing digitized and parsed text from 7 volumes of the *Isis Cumulative Bibliography of the History of Science* containing data from 1913-1975. (Link to blog posts describing the [digitization](#) and [bibliographic markup](#).)

IsisCB Authority-Citation Relational Data Model. (Created in FilemakerPro, 2015-2016). This data model and associated database was designed to hold the refactored data created from the Integrated Curation system built in 2002. Refactoring of the 200,000 citation records, yielded 150,000 authorities, and 1.4 million relationship records. ([Link to documentation of this project](#). And two blog posts describing the new data model and its utility [here](#) and [here](#).)

Neu Data Refactoring. (Completed in FilemakerPro, 2012). This project was a long ongoing effort to extract all of the database files inherited from John Neu, Isis bibliographer from 1968 to 1999, and merge his records with the post-2000 Isis data. This yielded over 100,000 records, including about 20,000 book reviews that had previously not been published in digital form.

Isis Bibliography Integrated Data Curation System. (Created in FilemakerPro, 2002-2015). This complex database input, management, and distribution system was designed to capture citation data for the IsisCB efficiently, manage the data using a distributed file management system, and export the records for printing and database upload. Over 14 years, it managed 200,000 citations. ([Link to documentation of this system](#).)

3. PUBLISHED SCHOLARLY ARTICLES:

“Organized Humanism in the United States,” 75-93 in *Looking Back to Look Forward: Organized Humanism in the World: Belgium, Great Britain, the Netherlands and the United States of America, 1945-2005*, eds. Niels De Nutte and Bert Gasenbeek (Brussels, Belgium: Uitgeverij VUBPRESS, 2019).

“Bibliographical Essays” (2018). Editor. New section of the *Isis Current Bibliography*, featuring a scholarly article on bibliographical resources in a subfield of the discipline by a specialist in that field.

“Building Infrastructure in the Digital Age: Case Study of the Isis Bibliography of History of Science, 2002-2018,” *Circumscribere: International Journal for the History of Science* 21 (2018): 21–40. <https://doi.org/10.23925/1980-7651.2018v21;p21-40>.

“Science and Religion,” pp. 3-19, in *Science and Religion: A Historical Introduction*. Second edition. Ed. Gary B. Ferngren. Baltimore: Johns Hopkins, 2017.

“East Asian Traditions,” co-authored with Tomoko Yoshida, pp. 314-332, in *Science and Religion: A Historical Introduction*. Second edition. Ed. Gary B. Ferngren. Baltimore: Johns Hopkins, 2017.

“Historians and Their Data,” pp. 299–322, in *Crossing Oceans: Exchange of Products, Instruments, Procedures and Ideas in the History of Chemistry and Related Sciences*, edited by Ana Maria Alfonso-Goldfarb, Walter Carnielli, Hasok Chang, Márcia H. M. Ferraz, & Silvia Waisse. São Paulo, Brazil: Coleção CLE/UNICAMP, 2015.

“Ordering the Discipline: Classification in the History of Science,” introduction to Focus Section, *Isis* (September 2013): 537-539. Open Access URL: <http://www.jstor.org/stable/10.1086/673272>

“Bibliography Is Social: Organizing Knowledge in the Isis Bibliography from Sarton to the Early Twenty-First Century,” part of a Focus Section, *Isis* (September 2013), pp. 540-550. Open Access URL: <http://www.jstor.org/stable/10.1086/673273>

“History of the World History of Science Online Project,” *Acta Baltica Historiae et Philosophiae Scientiarum* (in press, 2013). Open Access URL: http://www.bahps.org/09_Weldon-2013-2-09.pdf

“La classification des sciences n’a jamais cessé d’évoluer’: A Century of Effort at Putting Science in Its Place,” pp. 307-328, in Ana M. Alfonso-Goldfarb et al., eds. *Centenário Simão Mathias: Documentos, Métodos e Identidade da História da Ciência* (São Paulo: PUC-SP; Imprensa Oficial, 2009). Link to Table of Contents of volume: <http://www.pucsp.br/pos/cesima/publicacoes/centenario/sumario.pdf>

“The Isis Bibliography from Its Origins to the Present Day: One Hundred Years of Evolution of a Classification System” *Circumscribere* 6 (2009): 26-46. Open Access URL:

<http://revistas.pucsp.br/index.php/circumhc/article/view/1942>

“American Jews and the Ideology of Modern Science,” 745-747, in Stephen H. Norwood and Eunice G. Pollack, eds., *Encyclopedia of American Jewish History*, vol. 2 (ABC-CLIO, 2007)

“Humanism, Secular, U.S.” *Dictionary of the History of Ideas* (2004)

“Postmodernism” and “Social Construction.” *Science and Religion: A Historical Introduction*. Ed. Gary B. Ferngren. Baltimore: Johns Hopkins, 2002. (Republication of two articles that appeared in 2000. Both contain new introductions.)

“Deism,” “Postmodernism,” “Secular Humanism,” and “Social Construction of Science.” In *The History of Science and Religion in the Western Tradition: An Encyclopedia*. Ed. Gary B. Ferngren, Edward J. Larson, and Darrel W. Amundsen. New York: Garland, 2000

4. PROFESSIONAL BLOGS AND DIGITAL PROJECTS:

The Scientific Spirit of American Humanism, <http://thescientificspirit.org/> (2018 established). Creator.

Digital HSS, <https://digital.hssonline.org/> (2018 established). Co-creator.

IsisCB.org (previously, “Citations: From the Bibliographer’s Desk”), <http://isiscb.org> (2013-present). Creator.

Inhabiting the Anthropocene, <https://inhabitingtheanthropocene.com/author/spweldon/> (Fall 2014-present). Contributor.

World History of Science Online, <http://www.dhst-whso.org/blog/> (2012-present). Creator.

Online Survey on Research Methods in the History of Science and the Usage of the Isis Current Bibliography (December 2018 through January 2019). Creator and principal editor.

Online Survey on Research Methods in the History of Science and the Usage of the Isis Current Bibliography (February and March, 2013). Creator and principal editor.

5. PAPERS AND PRESENTATIONS:

Working group: “Mapping Authorities and Ontologies in Computation and Digital HPS” (participant), part of the “Research Coordination Network: Building a Network for Digital and Computational History and Philosophy of Science” NSF grant, MBL Library, RCN Group meeting, Woods Hole, MA, Nov. 7-10, 2019.

Invited lecture: “Fighting the Ghost of William Jennings Bryan: Humanists and Evolution in Twentieth-Century America,” Centre voor Academische en Vrijzinnige Archieven (CAVA), Brussels, Belgium, August 1, 2019.

“The Present and Future of the History of Science Society’s Publications” (panelist), History of Science Society Annual Meeting, Utrecht, Netherlands, July 25, 2019.

Workshop: “History Observatory Workshop” (participant), American Institute of Physics, College Park, MD, June 6-9, 2019.

“Putting Post-Humanism into Context,” Midwest Junto, Linda Hall Library, Kansas City, Mo., April 14, 2019.

“19th-Century Scientific Correspondence Networks” (panelist), European Society for the History of Science, London, Sept. 16, 2018.

“Building IsisCB Explore: How I Worked with Many People, Learned New Skills, and Converted an Annual Printed Bibliography into a Dynamic Digital Resource,” DH Brown Bag, Bizzell Library, Nov. 8, 2018

“The Science of Intelligence Testing and the Role of Race in the American Humanist Movement,” as part of the panel “Humanisms in Twentieth Century American Culture” at the Society for U.S. Intellectual History, Plano, Texas, October 27, 2017.

Working group: “Mapping Authorities and Ontologies in Computation and Digital HPS” (participant), part of the “Research Coordination Network: Building a Network for Digital and Computational History and Philosophy of Science” NSF grant, MBL Library, RCN Group meeting, Woods Hole, MA, Sept. 8-9, 2017.

Invited lecture: “Religion and Science in the United States: A Historical Perspective,” University of Sao Paulo, Sao Paulo, Brazil, Aug. 10 2017.

Invited lectures at CESIMA, Sao Paulo, Brazil:

“Authorities, the Backbone of the Digital World,” Aug. 14, 2017.

“History of Science in the Digital Age, Part 2: The Nature of Scholarship,” Aug. 9, 2017.

“History of Science in the Digital Age, Part 1: Varieties of Digital Resources,” Aug. 8, 2017.

“Curation of Historical Data,” Aug. 3, 2017.

“Shaping Historical Knowledge for a Digital Infrastructure: The IsisCB and the History of Science,” in the symposium “Doing History of Science in a Digital, Global, Networked Community: Tools and Services Linking Scholars and Scholarship” at the ICHST 2017 25th International Congress of History of Science and Technology, Rio de Janeiro, Brazil, July 25, 2017.

- “Turning the Isis Current Bibliography into a Prosopographical Tool: Managing Authorities in a Linked Open Data Environment” in the symposium “Prosopography and the History of Science in a Networked Computational Environment: Theoretical, Methodological, and Technical Considerations,” at the 7th Conference of the European Society for the History of Science, Prague, Czech Republic, September 23, 2016.
- “Making the IsisCB from the *Isis Bibliography of the History of Science*” at the “Digital HPS Consortium Meeting,” Norman, Oklahoma, August 26, 2016.
- “After Fukushima: The Global Conversation about Nuclear Energy” at the “Public Symposium: Energy Humanities and Nuclear Disaster Memory,” OU Humanities Forum, Thursday, March 10, 2016.
- “Bibliography as Discipline Map: Rebuilding Data Structure in the *Isis Bibliography of the History of Science* for Social Network Study,” co-written with Sylwester Ratowt, Birute Raieliene, and John Stewart, at the Global Digital Humanities Conference, Sydney, Australia, July 2, 2015.
- “Evolution and Belief” (invited talk), for the symposium “Science vs. Myth: Evolution and Climate Change,” Southwestern Psychological Association Convention, Wichita, Kansas, April 12, 2015.
- “Reductionism and Holism in the American Humanist Movement: The Effect of Changing Cohorts of Authorities,” Annual Meeting of the Society for the Advancement of American Philosophy, Grand Rapids, Michigan, March 7, 2015.
- “Principles of Discovery in the History of Science,” CESIMA ANNO XX: Crossing Oceans: Exchange of Products, Instruments, Procedures and Ideas in the History of Chemistry and Related Sciences, São Paulo, Brazil, August 27, 2014.
- “HSTM Online Bibliographic and Reference Resources: Where We Are and Where We Should Go,” New Directions in Digital History of Science, Max Planck Institute for the History of Science, Berlin, July 17, 2014.
- “How Are Historians Using the Isis Bibliography Today? Current Trends and Historical Research Practices,” co-written with Amy Rodgers, History of Science Society Meeting, Boston, Massachusetts, November 21, 2013.
- “Digital Classification and Tagging of Bibliographical Objects in the Isis History of Science Data,” co-presented with Sylwester Ratowt, Digital HPS Meeting 2013, Bloomington, Indiana, September 7, 2013.
- “Digital Perturbations in the Ecology of Knowledge: Analysis of a Survey of Historians’ Use of the *Isis Current Bibliography of History of Science* in Both Print and Digital Forms,” co-written with Amy Rodgers, 24th International Congress of History of Science, Technology and Medicine, Manchester, UK, July 26, 2013.
- “Recent Trends in Research in the Field of the History of Science,” Webinar Presentation for the Collections Forum on Science, Technology, and Engineering, Center for Research Laboratories, Annual Council Meeting, April 19, 2013. URL: https://www.youtube.com/watch?v=lDmywUFD_IA; presentation begins at 35:00 and runs to 1:17:00. URL of slides by themselves: <http://www.crl.edu/sites/default/files/d6/attachments/events/Recent%20Trends%20in%20Research%20in%20the%20Field%20of%20the%20History%20of%20Science.pdf>.
- “The Culture of Research in History of Science: The Social and Ethical Aspects of Research Tools at the Dawn of the Digital Age,” 5th European Society for the History of Science conference, Athens, Greece, November 3, 2012.
- “The World History of Science Online: Organizing Scholarly Resources on the Web,” co-author of paper presented by Birutė Raieliene, International Baltic Conference on the History of Science 2012, Vilnius, Lithuania, October 4-6, 2012.
- “Digitizing Bibliography: On the Impact of Electronic Media on Classification in the History of Science,” Three Society Conference, Philadelphia, Pennsylvania, July 13, 2012.
- “Humanism, the ‘Sacraments of Science,’ and the Secularizing of American Culture after 1945,” History of Science Department Colloquium, April 15, 2011
- “World History of Science Online: Preparing for the Future of Information Discovery,” delivered at the History of Science Society Meeting, Montreal, November 6, 2010
- “The Cost of Free Access: Making the Isis Bibliography Available on the Open Internet.” History of Science and the New Media: Resources for Connecting the Global Community of Scholars, 23rd International Congress of History of Science and Technology (ICHST), Budapest, Hungary, July 29, 2009.
- “‘La classification des sciences n’a jamais cessé d’évoluer’: A Century of Effort at Putting Science in Its Place.” Centenário Simão Mathias: Documentos, Métodos e Identidade da História da Ciência, CESIMA, Pontifícia Universidade Católica de São Paulo, August 29, 2008
- “International Collaboration through WHSO (World History of Science Online): Technical and Social Issues.” Future Proof IV: International Scientific Archives Conference, Royal Swedish Academy of Sciences,

- Stockholm, Sweden, Friday, April 25, 2008
- “Francis Schaeffer and the Understanding of Modern Science in an Evangelical Context.” History of Science Society Annual Meeting, Arlington, Virginia, November 2, 2007
- “Scientific Talk as a Medium for Negotiating Human Values: A Study of Fundamentalist-Humanist Interaction in Late 20th-Century America.” History of Science Colloquium, University of Oklahoma, March 9, 2007
- “Evolution, Religion, and Science in 20th Century America.” Renaissance Project Symposium on Science, Religion, and the Law in U.S. Politics and Society, University of Oklahoma, February 2, 2006
- “The *Isis Bibliography of the History of Science: Attempting a Global Survey.*” XXII International Congress of History of Science, Beijing, July 24-30, 2005
- “Humanistic Psychology and Liberal Religion in America, 1950-1980.” History of Science Society Annual Meeting, Austin, Texas, November 19, 2004
- “Forum Discussion on Classification.” Moderator and Presenter. History of Science Society Annual Meeting, Cambridge, Massachusetts, November 22, 2003
- “Psychology and Secular Religion: Shifting Boundaries,” History of Science Colloquium, University of Oklahoma, April 4, 2003
- “The sTarbaby Affair: Controversy within a Community of Skeptics over a Test of the Claims of Michel Gauquelin's Statistical Astrology,” Science Studies Reading Group, Cornell University, February 26, 2001
- “Religion and Science in the Twentieth Century: Reflections on a Study of Secular Humanism.” Science Studies Reading Group, Cornell University, October 7, 1996
- “Defending Science against Religion: Secular Intellectuals in Modern America.” History of Science Society Annual Conference, Minneapolis, Minnesota, October 26-29, 1995
- Commentator. Conference on “Responding to Darwin: New Perspectives on the Darwinian Revolution,” Dunedin, New Zealand, May 12-15, 1994
- “T. C. Schneirla and the Politics of Integrative Levels in the 30s and 40s.” The T. C. Schneirla Conference, New York City, November 8, 1991

6. BOOK REVIEWS:

- Review of *Village Atheists: How America's Unbelievers Made Their Way in a Godly Nation* by Leigh Eric Schmidt. *Journal of American History* 104, no. 3 (2017): 783.
- “Monkey Business,” Essay review of *Trying Biology: The Scopes Trial, Textbooks, and the Antievolution Movement in American Schools* by Adam R. Shapiro. *Studies in History and Philosophy of Biological and Biomedical Sciences* 48 (2014): 115-118.
- Review of *Science and Religion around the World*, edited by John Hedley Brooke and Ronald L. Numbers. *Isis* 103 (March 2012): 156-157.
- Review of *God vs. Darwin: The War between Evolution and Creationism in the Classroom* by Mano Singham. *NCSE Newsletter* (2011).
- Review of *The Wonderful Adventures of Nat Selleck & Eva Lou Shinn in Sci Fi Land: A Spoof on Evolution and Natural Selection* by A. Nonimous [John C. Greene]. *Isis* 99 (2008): 875-876.
- Review of *Science Talk: Changing Notions of Science in American Popular Culture* by Daniel Patrick Thurs. *Science Education* 92 (2008): 759-761.
- Review of *The Creationists* (revised edition) by Ronald L. Numbers. *Isis* 98 (2007): 871-873
- Review of *Modern Physics and Ancient Faith* by Stephen M. Barr. *Isis* 95 (2004): 742-743
- Review of *Language, Religion, Knowledge: Past and Present* by James Turner. *Isis* 95 (2004): 128
- Review of *Reconciling Science and Religion: The Debate in Early Twentieth-Century Britain*, by Peter J. Bowler. *Isis* 93 (2002): 745-747
- Review of *Landmarks in Western Science: From Prehistory to the Atomic Age*, by Peter Whitfield. *Isis* 93 (2002): 279-280
- Review of *Science or Pseudoscience: Magnetic Healing, Psychic Phenomena, and Other Heterodoxies*, by Henry H. Bauer. *Isis* 92 (2001): 815-816
- Review of *Belief in God in an Age of Science*, by John Polkinghorne. *Isis* 92 (2001): 599-600
- Review of *Science in the New Age: The Paranormal, Its Defenders and Debunkers, and American Culture*, by David J. Hess. *Isis* 85 (1994): 551-52

7. SHORT NON-PEER REVIEWED PUBLICATIONS:

- “A Bibliography for the Future,” *History of Science Society Newsletter* (47:1, January 2018): 1-4. URL:

<https://hssonline.org/resources/publications/newsletter/january-2018/a-bibliography-for-the-future/>

“Searching Smartly in the HistSciTechMed Database,” with Sam Spence and Kim Rudolph, *History of Science Society Newsletter* (39:2, April 2010): 26-40.

“Humanism and Eugenics: A Case Study of Herman J. Muller,” 139-149, in *Humanism Today*, ed. Howard B. Radest (Prometheus, 2007)

“The Academy and the Pulpit: 1930s-Style Humanism at Columbia University.” *Religious Humanism* 32, nos. 1 & 2 (Winter/Spring 1998): 29-50

“In Defense of Science: Secular Intellectuals and the Failure of Nerve Thesis.” *Religious Humanism* 30, nos. 1 & 2 (Winter/Spring 1996): 30-39

8. PUBLIC TALKS:

A talk on the history of religious fundamentalism in America at “Bridging our Differences: Theological Tension between Evangelicals and Progressives” Roundtable discussion at St. Stephen’s United Methodist Church, Norman, OK, September 27, 2015.

“Science and the Humanistic Spirit in Modern America,” Morning Star Congregation, Norman, Oklahoma, July 26, 2015.

“Hypatia and the Library of Alexandria in the motion picture *Agora*.” The Naturalist Society of Norman, November 21, 2010; and History of Science Club, February 2011

“Secular Humanism,” Unitarian Universality Fellowship, Norman, Oklahoma, December 5, 2010

“Hopes, Fears, and Discontent in America: Four Decades of Anti-Evolutionism and Anti-Creationism” Darwin 2009, Sam Noble Oklahoma Museum of Natural History, August 27, 2009.

“貴重本が語る天文学の革命” [Translated title: The Story of the Scientific Revolution in Astronomy as Told through Rare Books] Ishikawa Kousen, Tsubata, Japan. Tuesday, January 9, 2008.

“The Fundamentalisms of Science and Religion,” a public talk sponsored by the Sciencenter at the Kendal retirement home, Ithaca, New York, September 13, 2000

“Religion in America.” Ho'onko, Enshoji Temple, Ishikawa-ken, Japan, October 24, 1999

Discussant on the topics in the history and current state of humanism in the Unitarian Church. Young UU Leaders Seminar, Minneapolis, May 10-12, 1999.

ORGANIZATIONAL AND SERVICE OBLIGATIONS

1. EXTRA-UNIVERSITY PROFESSIONAL COMMITTEE POSITIONS:

Technology & Communications Committee, History of Science Society, Chair (2015 August-2018 December)

Commission on Bibliography and Documentation (International Union of History and Philosophy of Science/Division of History of Science and Technology), Vice President of Bibliography (2012-present)

Editions Open Sources, Member of Editorial Board (2014-present)

Linda Hall Library Fellowships Program, Reviewer (2014, 2015)

History of Science Department, University of Wisconsin–Madison, Alumni Representative, Community and Alumni Relations Committee (2013-2015)

World History of Science Online (a project of the International Union of History and Philosophy of Science/Division of History of Science and Technology), Chair of Governing Board (2007-present)

2. REVIEW AND REFEREE WORK:

Journal of the History of Biology, article peer reviewer

History of Science Consortium, fellowship application reviewer

National Science Foundation, proposal referee

3. CONFERENCE AND SYMPOSIUM ORGANIZING:

Organizer for “Managing Citations and Classifications in a Collaborative Bibliographical Database,” IsisCB Working Group, RCN, Utrecht, July 27-28, 2019.

Co-organizer for THATCampHSS 2019, History of Science Society Annual Meeting, Utrecht, Netherlands, July 25-26, 2019.

Co-organizer for THATCampHSS 2018, History of Science Society Annual Meeting, Seattle, November 2, 2018.

Co-organizer for Mapping Authorities and Ontologies in Computational and Digital HPS, RCN group meeting, London, Sept. 18, 2018.

Co-organizer for THATCampHSS 2017, History of Science Society Annual Meeting, Toronto, Canada, November

- 12, 2017.
- Roundtable chair, "Software Development in the History of Science," History of Science Society Annual Meeting, Toronto, Canada, November 11, 2017.
- Co-organizer of the panel "Humanisms in Twentieth Century American Culture" at the Society for U.S. Intellectual History, Plano, Texas, October 27, 2017.
- Co-organizer of symposium "Doing History of Science in a Digital, Global, Networked Community: Tools and Services Linking Scholars and Scholarship" at the ICHST 2017 25th International Congress of History of Science and Technology, Rio de Janeiro, Brazil, July 25, 2017.
- Organizer for THATCamp HSS 2016, Atlanta, November 6, 2016.
- Roundtable co-organizer with Benjamin Gross, "The Library and the Discipline in the Twenty-First Century," at the History of Science Society Conference, Atlanta, Georgia, November 4, 2016.
- Session co-organizer for "Prosopography and the History of Science in a Networked Computational Environment: Theoretical, Methodological, and Technical Considerations," at the 7th Conference of the European Society for the History of Science, Prague, Czech Republic, September 23, 2016.
- Conference co-organizer for "Digital HPS Consortium Meeting," Norman, Oklahoma, August 26-28, 2016.
- Session co-organizer for "History of Science in the Age of Networked Digital Humanities" symposium at Global Digital Humanities Conference, Sydney, Australia, July 2, 2015.
- Conference co-organizer for THATCamp HSS 2015, San Francisco, November 19, 2015.
- Session co-organizer for "History of Science in the Age of Networked Digital Humanities" symposium at Global Digital Humanities Conference, Sydney, Australia, July 2, 2015.
- Conference co-organizer for THATCamp HSS 2014, Chicago, IL, November 6, 2014.
- Conference co-organizer for "New Directions in Digital History of Science," Max Planck Institute for the History of Science, Berlin, July 17, 2014.
- Session co-organizer for "The Isis Bibliography and the Profession: Past, Present, and Future" symposium at History of Science Society Meeting, Boston, Massachusetts, November 21, 2013.
- Organized a reception honoring the Isis Bibliographer Emeritus, John Neu, at the History of Science Society Meeting, Boston, Massachusetts, November 22, 2013.
- Session co-organizer for "History of Science and the Ecology of Knowledge" symposium at the 24th International Congress of History of Science, Technology and Medicine, Manchester, UK, July 26, 2013.
- Created, judged, and organized award ceremony for a bibliography prize, the Neu-Whitrow Prize for the best bibliography or finding aid in the history of science, as part of the Commission on Bibliography and Documentation, 2013.
- Conference planner for "Isis CB 2.0 Conference," an international research conference with 15 invited guests and over 20 local participants, held in the History of Science Collections of the University of Oklahoma, Norman, Oklahoma, supported primarily with funds from the Alfred P. Sloan Foundation, April 11-13, 2013.
- Session co-organizer for "The Tools of Research and the Craft of History" symposium at 5ESHS, Athens, November 1-3, 2012. URL of Conference Proceedings: <http://5eshs.hpdst.gr/sites/5eshs.hpdst.gr/files/5eshs-proceedings.pdf>.
- Session organizer for "Science and the New Media" symposium at ICHST, Budapest, Summer 2009.
- Session organizer for "Classification in the History of Science," a 2-session symposium at the History of Science Society meeting, Phoenix, November 20-21, 2009.

FUNDING

GRANTS AND AWARDS

- University of Oklahoma, OU Data Scholarship, "Extending the Isis Bibliographical and Authority Dataset," 2019 (\$5,000)
- University of Oklahoma, Faculty Investment Program Grant, "Modeling the Discipline of History of Science: Populating and Analyzing Authorities with Semantic Web Technology in IsisCB Explore," 2017-2018 (\$15,000)
- National Science Foundation, co-PI, in collaboration with Manfred Laubichler (PI), Jane Maienschein (co-PI), and Colin Allen (co-PI), "Research Coordination Network: Building a Network for Digital and Computational History and Philosophy of Science," 2016-present (\$399,238)
- Alfred P. Sloan Foundation, Digital Information Technology related to Scholarly Communication, a grant to develop a digital resource using the content of the *Isis Bibliography*, in collaboration with University of Melbourne's

eScholarship Research Centre, 2014-2016 (\$350,000)
 University of Oklahoma, Publication Support Program for Open Access Resources, 2014 (\$6,000)
 University of Oklahoma, Faculty Enrichment Grant, 2013 (\$710)
 University of Oklahoma, Supplemental Grant for Conference on Proposal Development for Isis CB 2.0, 2013 (\$2,500)
 Alfred P. Sloan Foundation, Conference on Proposal Development for new digital resource based on the Isis Current Bibliography, 2012 (\$13,000)
 Editing subvention for *The Scientific Spirit of American Humanism* (working title), University of Oklahoma, 2011 (\$2000)
 Junior Faculty Summer Fellowship, University of Oklahoma, 2005. (\$6,000)
 Travel funding for XXII International Congress of History of Science in Beijing, University of Oklahoma, 2005
 National Science Foundation, travel grant, “Disseminating Darwin” Conference in Dunedin, New Zealand, 1994
 National Science Foundation, Dissertation Improvement Grant, 1993-1994. (\$5,000)

UNIVERSITY ACTIVITIES

1. GRADUATE STUDENT ADVISING

Emily Griffin, chair, M.A. committee. Thesis on Kurt Vonnegut and his place in Cold War American culture. (Degree granted, May 2018)
 Thomas Hoyt, chair, M.A. committee. Thesis on John William Draper and the Conflict Thesis as related to American Nationalism (Degree granted, May 2011)
 Rick Tison, chair, Ph.D. committee. Dissertation title: “Science on Mt. Sinai: Moses, Genesis, and Scriptural Geology in Antebellum America” (Degree granted, Summer 2008)
 Sam Spence, chair, M.A. committee. Thesis on the influence of science fiction writers on the Strategic Defense Initiative of the United States in the 1980s. (Degree granted, Fall 2008)
 Matthis Krischel, chair, M.A. committee. Thesis title: “‘Immer der Krieg verschlingt die Besten’: Biology, War, and Scientific Internationalism, 1912-1920” (Degree granted, May 2007)

2. COURSES TAUGHT

HSCI 2223 Lives in Science (Fall 2013)
 HSCI 2443 Science in a Religious World (Spring 2010, Spring 2012, Spring 2013)
 HSCI 2433 Science and Politics, Int’l Perspectives (Fall 2010)
 HSCI 3032 History of Science since Newton (Fall 2009, Spring 2011, Fall 2011, Fall 2012, Spring 2016, Fall 2019, Spring 2020)
 HSCI 3433 Science and Politics, Int’l Perspectives (Spring 2008)
 HSCI 3443 Science in a Religious World (Spring 2003, Fall 2004, Spring 2006, May Intersession 2006, Fall 2007, Spring 2014, Fall 2015, Spring 2019)
 HSCI 3993 Jr. Seminar: Topics in the Human Sciences (Fall 2018)
 HSCI 4993 Capstone: Topics in the Human Sciences (Fall 2018)
 HSCI 4990 Independent Study: Advanced Reading in Science and Religion (Summer 2004, Fall 2006)
 HSCI 5533 Advanced Studies in Modern Science: Science and Democracy (Fall 2005)
 HSCI 5533 Advanced Studies in Modern Science: 20th century History of Science (Spring 2018)
 HSCI 5550 Topics in the History of Science: Science in a Religious World (Spring 2003)
 HSCI 5970 Seminar in Research Criticism and Analysis: Historiography of Science
 HSCI 5990 Graduate Survey in History of Science: Modern Science
 OSLEP (Fall 2005) – faculty resource person for course in Evolution and Creationism taught by Dr. Wesley Elsberry
 OSLEP (Winter 2019) – faculty resource person, Media, Culture, and Ubiquitous Technology, taught by Dr. Steven E. Jones
 Facilitator of a faculty-graduate student reading group on Topics in Science and Religion (2004-2006)

3. UNIVERSITY PROFESSIONAL SERVICE COMMITTEES

SLIS Faculty Search Committee (Spring and Fall 2019)
 Committee A, Department of History of Science (2006-2007, 2013-2014)
 OU History of Science Collections Advisory Committee, co-chair (2017-present)
 A&S Student Scholarships and Awards Committee (2013-2014)

OU Undergraduate Scholarship Committee (2013)

Darwin@OU2009 Steering Committee, Chair (2008), Member (2009)

Graduate Studies Committee, History of Science Department, Chair and Graduate Advisor (2007-2012), Graduate Liaison (2012-2014), Member (2014-present)

Digital Humanities Working Group (2012-present)

Anthropocene Faculty Discussion Group (2013-present)