

Edwin Vincent Sperr, Jr. MLIS, AHIP

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Education

Master of Library and Information Science, 1997

College of Library and Information Science, University of South Carolina, Columbia, SC

Bachelor of Arts, 1993

University of Georgia, Athens, GA

Experience

Clinical Information Librarian (Librarian III) 2016 – present

AU/UGA Medical Partnership, Athens, GA

- Attend Morning Report, Journal Club and Academic Half-Day, selecting and disseminating relevant supporting material for each.
- Round with clinicians and residents at the hospital, answering clinical questions and selecting background material for cases.
- Maintain an active program of independent scholarly activity centered on building interactive applications that apply visualization techniques to enable the exploration of bibliographic searches and other data sets.
- Work with residents and faculty to conduct literature searches in support of scholarly activity.
- Attend the Community Internal Medicine outpatient clinic, answering clinical questions and selecting supporting material for cases.
- Teach sessions to residents on topics relating to evidence-based resources and methods.

Copyright and Electronic Resources Officer (Associate Professor) 2008 – 2015

St. George's University, Grenada, W.I.

- Educated faculty, staff and students about copyright principles and procedures and developed campus-wide policies for the legal use of copyrighted material in instruction.
- Assisted faculty with copyright permissions and takedown notices.
- Served as implementation lead for the library's new ILS and was responsible for day-to-day system maintenance.
- Designed and built the interactive application *PubVenn*, enabling users to refine PubMed searches by using proportional Venn diagrams.
- As adjunct faculty in the Bioethics department, facilitated small groups for Year 1 medical students.
- Provided library instruction to a broad array of other audiences, including medical, veterinary and undergraduate students.
- Developed two elective courses: "Biomedical Informatics" and "Improvisation for Communication Skills".

Digital Consultant / Program Director, Digital Solutions 2005 – 2008

NELINET, Southborough, MA

- Developed and taught courses on a wide variety of topics that addressed the interface between technology and librarianship, including CSS, MySQL, and many aspects of digital collections.
- Served as an information resource for member libraries considering new digital projects.
- Developed suite of in-house data-mining tools to examine event registration data and implemented an OAI-PMH metadata harvester and other applications for member experimentation.

Education and Electronic Resources Librarian 2003 – 2005

New England College of Optometry Library, Boston, MA

- Managed active bibliographic instruction program, including both teaching and course design.
- Assisted students, faculty and staff with all issues involving access to online resources.
- Developed a variety of web-based applications, including journal displays and "Quick search" of multiple databases.
- Redesigned library website and continually maintained and developed the library's web presence.

Systems Librarian (Assistant Professor) 1998 – 2002

University of South Carolina School of Medicine Library, Columbia, SC

- Administered library's servers and local workstations and selected hardware and software for library use.
- Resolved technical issues related to both local and remote resources.
- Participated in the migration to a new Integrated Library System and developed local pages for the web-based OPAC.
- Implemented proxy server solution for off-campus access to library resources.
- Managed library's Innovative Interfaces ILS.
- Assisted with collection development.

Assistant Technical Services / Reference Librarian 1997 – 1998

Edens Library - Columbia College, Columbia, SC

- Taught bibliographic instruction classes and provided extensive individual instruction.
- Assisted in the day-to-day functioning of Technical Services, concentrating on the reclassification of the library's remaining Dewey holdings into Library of Congress Classification.
- Provided reference assistance to patrons.
- Redesigned the library web site.
- Assisted with collection development in the areas of theater, business and the physical sciences.

Graduate Assistant 1995 – 1997

University of South Carolina School of Medicine Library, Columbia, SC

Archival Assistant 1996

Office of James Dickey (author), Columbia, SC

University Service

UGA Libraries' Faculty Committee on Professional Development and Research
2019 – (chair, 2019-20200)
Co-lead, UGA Improvisation Faculty Learning Community 2018 –
UGA Libraries Committee on Faculty Organization and Governance 2016 – 2018
SGU Institutional Review Board 2010 – 2011
SGU Committee for Technology, Teaching and Learning 2009 – 2015
SGU Library Panel 2008 – 2015
Admissions Committee, USC School of Medicine 1999 – 2002

Credentials and Professional Memberships

Academy of Health Information Professionals 2017 –
Georgia Health Sciences Library Association 2017 –
Medical Library Association 2010 –
MAHSLIN Board 2005 – 2008
Southern Chapter of the Medical Library Association 2000 – 2002

Scholarly Activity

Sperr, E. (2021). Collection View. <https://esperr.github.io/collection-view/>

Sperr E. Looking Beyond the List: Enhancing Search with Interactive Visualizations.
Presented at: Code4Lib 2021; 2021 March; Online. Available from:
https://youtu.be/QC_R2IkYzao

Olowojesiku R, Shim DJ, Moppins B, Park D, Patterson JO, Schoenl SA, Gaines JK, **Sperr EV**,
Baldwin A. Menstrual experience of adolescents in the USA: protocol for a scoping
review. *BMJ Open*. 2021 Feb 18;11(2):e040511. doi: 10.1136/bmjopen-2020-040511. PMID:
33602701; PMCID: PMC7896570.

Sperr E. Testing a Random Item Screening Approach to Constructing Search Validation
Sets. Presented at: Medical Library Association 120th Annual Meeting and Exhibition; 2020
August; Online.

Baldwin A and **Sperr E.** Medical students in the moment: improvisation for building
communication skills. Presented at Eastern Sociological Society Mini-Conference:
Sociology of Health Professions' Education; 2020 February; Philadelphia, PA. Available
from: <http://hdl.handle.net/10724/38824>

Sperr E. "Seeing" your Search: Visualization Techniques for Exploring PubMed Search
Results. NNLM SEA SEAside webinar series: 2019 September; Online. Available from:
<https://nnlm.gov/class/seeing-your-search-visualization-techniques-exploring-pubmed-search-results/16428>

Sperr E. Mind the gap: identifying what is missed when searching only the broad scope
with clinical queries. *J Med Libr Assoc*. 2019 Jul;107(3):333-340. Available from:
<http://doi.org/10.5195/jmla.2019.589>

Schwartz M, Herring K, Feeney J, Baldwin A and **Sperr E**. Using Improv as a Tool for Fostering Mentorship Among Medical and Pre-medical Students. Presented at: International Association of Medical Educators Meeting; 2019 June; Roanoke, VA. Available from: <http://hdl.handle.net/10724/38782>

Medlock A, Baldwin A, Wenzel Hesse D, Bruner L, **Sperr E**, and Hill J. Evaluation of a Gender Gap in the Academic Performance of an Integrated Hybrid Curriculum. Presented at: International Association of Medical Educators Meeting; 2019 June; Roanoke, VA. Available from: <http://hdl.handle.net/10724/38756>

Sperr E. "Sieving" Your Search: Semi-Automated Citation Screening for Search Strategy Refinement. Presented at: Medical Library Association 119th Annual Meeting and Exhibition; 2019 May; Chicago, IL. Available from: <http://hdl.handle.net/10724/38721>

Baldwin A and **Sperr E**. Using Improvisation to Enhance Communication Skills for Librarians. Presented at: Medical Library Association 119th Annual Meeting and Exhibition; 2019 May; Chicago, IL.

Sperr E. Word Trees for Visualizing PubMed Search Results. Presented at: Medical Library Association 119th Annual Meeting and Exhibition; 2019 May; Chicago, IL. Available from: <http://hdl.handle.net/10724/38661>

Sperr, E. (2019). PubTrees. <https://esperr.github.io/pub-trees/>

Sperr, E. (2019). PubMed Search Tester. <https://esperr.github.io/pubmed-search-tester/>

Sperr E. Beyond the List: Refining your PubMed searches with interactive visualizations. An invited talk presented at: Georgia Health Sciences Library Association Meeting; 2019 March; Madison, GA. Available from: <http://hdl.handle.net/10724/38622>

Sperr E. Visualizing Data to Facilitate Contextual Understanding. Presented at: AU/UGA Medical Partnership Faculty Scholarly Meeting series; 2019 Jan; Athens, GA.

Baldwin A, Feeney J, Herring K, and **Sperr E**. Using Improv to Develop Communication Skills for Medical Students. Presented at: International Association of Medical Educators Meeting; 2018 June; Henderson, NV and Innovation in Teaching Conference; 2018 October; Athens, GA. Available from: <http://hdl.handle.net/10724/38317>

Sperr E. Search Workbench: Building, Refining, and Comparing PubMed Searches Using Interactive Visualizations. Presented at: Medical Library Association 118th Annual Meeting and Exhibition; 2018 May; Atlanta, GA. Available from: <http://hdl.handle.net/10724/38485>

Sperr E. Mind the Gap: Identifying What Is Missed When Searching Only the Broad Scope with Clinical Queries. Presented at: Medical Library Association 118th Annual Meeting and Exhibition; 2018 May; Atlanta, GA. Available from: <http://hdl.handle.net/10724/38484>

Sperr, E. (2018). Members by Interest. <https://esperr.github.io/members-by-interest/>

Sperr, E. (2018). Committee Flow. <https://esperr.github.io/committee-flow/>

Sperr, E. (2018). Congress by Year. <https://esperr.github.io/congress-by-year/>

Sperr, E. (2017). Search Workbench. <https://esperr.github.io/search-workbench/>

Sperr E. Visualizing PubMed: Displaying Search Results by Topic, Region, and Time. Presented at: Medical Library Association 117th Annual Meeting and Exhibition; 2017 May; Seattle, WA. Available from <http://hdl.handle.net/10724/36987>

Sperr E. Building information visualizations with PubMed. Presented at: Code4Lib Southeast; 2017 Apr; Atlanta, GA. Available from <http://hdl.handle.net/10724/36962>

Sperr, E. (2016). MeSH Subheading Graph. <https://github.com/esperr/mesh-subhead-graph>

Sperr, E. (2016). MeSH Category Graph. <https://github.com/esperr/mesh-cat-graph>

Sperr, E. (2016). Mapping MEDLINE. <https://github.com/esperr/mapping-medline>

Sperr, E. (2016). PubMed by Year. <http://esperr.github.io/pubmed-by-year/>

Sperr, E. (2016). News in Proportion. <https://github.com/esperr/newsinproportion>

Sperr, E. (2015). PubVenn. <http://pubvenn.appspot.com>

Sperr, E. Critical Synthesis Package: University of Michigan Search Assessment Tool for Ovid Medline (UMMSA). MedEdPORTAL; 2014. Available from: www.mededportal.org/publication/9801

Searching and Management of Scientific Literature. Seminar presented by **Ed Sperr** at: Universidade Estadual Paulista; 2010 Feb; Araraquara, Brazil.

Sperr E. Libraries and the future of scholarly communication. Molecular Cancer 2006 Nov 7;5:58 Available from <http://www.molecular-cancer.com/content/5/1/58>

Sperr E. Academic Distribution of PubMed Citations: Implications for Institutional Repositories. Poster presented at: ACRL/NY Symposium "Scholarly Communication: Evolution or Revolution?"; 2004 Dec; New York, NY.

Kane L., Gable S., Jenkinson V. and **Sperr E.** Flip-Floppin' – Surviving a Medical Library Renovation. Poster presented at: Medical Library Association/ Southern Chapter Annual Meeting; 2000 Oct; Mobile, AL.

"Proprietary sites and licensing Issues" presented by **Ed Sperr** for the teleconference: "New Health Care Technologies and Practices: Their Impact on Health Information Services". Done as part of the Bringing Effective Skills and Technology Together (BESTT) grant in conjunction with the Western Maryland AHEC. 2001 Jun; Columbia, SC.

Continuing Education

Systematic Reviews: Opportunities for Librarians (Atlanta, GA 2019)

Supporting Clinical Care: An Institute in Evidence-based Practice for Medical Librarians (Denver, CO 2016)

Intellectual Property in Academia Online Workshop Series (2008 UMUC Center for Intellectual Property)