

William E. Moen

Department of Library and Information Sciences  
Texas Center for Digital Knowledge  
College of Information  
University of North Texas  
1155 Union Circle 311068  
Denton, Texas 76203-5017  
email: william.moen@unt.edu  
website: <http://www.unt.edu/wmoen>  
voice: 940-565-2473 (office) / 940-594-6704 (mobile)  
fax: 940-369-7872

---

**ACADEMIC PREPARATION**

<u>Institution</u>	<u>Major</u>	<u>Degree</u>	<u>Date</u>
Syracuse University	Information Transfer	Ph.D.	1998
Louisiana State University	Library and Information Science	M.L.S.	1988
University of Montana	Philosophy	B.A.	1987

---

**TEACHING AND PROFESSIONAL EXPERIENCE**

**Associate Professor.** Department of Library and Information Sciences\*. University of North Texas. 2002– .  
Areas of teaching and research include the organization of information, metadata, networked information organization and retrieval, digital repositories, information applications and services, research design and methods, and technical standards.

**Associate Dean for Research.** College of Information. University of North Texas. 2009–.

**Director of Research.** College of Information. University of North Texas. 2008–2009.

**Director of Research.** School of Library and Information Sciences. University of North Texas. 2007–2008.

**Director.** Texas Center for Digital Knowledge. University of North Texas. 2007–.

**Interim Director.** Texas Center for Digital Knowledge. University of North Texas. 2004–2007.

**Assistant Professor.** School of Library and Information Sciences. University of North Texas. 1998–2002.

**Instructor.** School of Library and Information Sciences, University of North Texas. 1996–98.

**Instructor and Teaching Assistant.** School of Information Studies, Syracuse University. 1992–1995.

**Network System Research Analyst.** Network Development and MARC Standards Office, Library of Congress. 1989-1991.

**Intern.** Library of Congress. 1988-1989.

**Research Associate and Graduate Assistant.** School of Library and Information Science, Louisiana State University. 1987-1988.

**Bookstore Owner/Bookseller.** Butte Booksellers, Butte, MT. 1980-1985.

\*The Department of Library and Information Sciences was formerly known as the School of Library and Information Sciences. In Fall 2008, UNT established the College of Information, at which time the School became a Department in the new College.

## **PUBLICATIONS**

[Selected publications available online at: <http://www.unt.edu/wmoen/publications.htm>]

### **Dissertation**

#### **The Development of ANSI/NISO Z39.50: A Case Study in Standards Evolution.**

Available URL: <<http://www.unt.edu/wmoen/dissertation/DissertationIndex.htm>>.

### **Books**

#### **A Guide to the ANSI/NISO Z39.50 Protocol: Information Retrieval in the Information Infrastructure.**

Bethesda, MD: NISO Press, 1995. [Author].

Available URL: <<http://www.cni.org/pub/NISO/docs/Z39.50-brochure/50.brochure.toc.html>>.

#### **Z39.50 Implementation Experiences (NIST Special Publication 500-229)** (with Paul Over, Ran Denenberg, and Lennie Stovel). Gaithersburg, MD: National Institute of Standards and Technology, Computer Systems Technology, September 1995 (also available from NISO Press). [Editor].

Available URL: <<http://lcweb.loc.gov/z3950/agency/resources/nist.html>>.

#### **Libraries and the Internet/NREN: Perspectives, Issues, and Challenges** (with Charles R. McClure and Joe Ryan). Westport, CT: Mecklermedia, 1994. [Co-Author & Editor].

#### **Scholarly Information and Standardization: Proceedings of the Twelfth Open Forum on the Study of the International Exchange of Japanese Information and Scholarly Databases in East Asia Scripts 1992/1993**, November 20, 1992, Tokyo. Bethesda, MD: NISO Press, 1994. [Editor].

#### **Occupational Entry: Library and Information Science Students' Attitudes, Demographics, and Aspirations Survey** (with Kathleen M. Heim). Chicago, IL: American Library Association, Office for Library Personnel Resources, 1989. [Co-Author].

#### **Librarians for the New Millennium** (with Kathleen M. Heim). Chicago, IL: American Library Association, Office for Library Personnel Resources, 1988. [Co-Author & Editor].

### **Journal Issues (Special Issue Editor)**

#### **Symposium Issue — Metadata: A Networked Information Strategy to Improve Access to and Management of Government Information.** *Government Information Quarterly*, 18(3) July 2001. [Symposium Editor].

#### **Symposium Issue — Information Technology Standards and Federal Information Policy.** *Government Information Quarterly*, 11(4) October 1994. [Symposium Editor].

### **Chapters/Articles in Books**

#### **Information retrieval protocols: Z39.50 and search & retrieve via URL.** In Marcia J. Bates and Mary Niles Maack (Eds.), *Encyclopedia of library and information sciences* (3<sup>rd</sup> ed.). New York: Taylor & Francis. 2009.

#### **Interoperability and Z39.50 profiles: The Bath and U.S. National Profiles for Library Applications.** In Bill Sleeman and Pamela Bluh (Eds.), *From catalog to gateway charting a course for future access, Briefings from the ALCTS Catalog Form and Function Committee*. Chicago: American Library Association. 2005.

#### **Optimizing resource discovery service interfaces in statewide virtual libraries: The Library of Texas challenge** (with Kathleen R. Murray and Irene Lopatovska). In *Proceedings of libraries without walls 5: The distributed delivery of library and information services*. Molyvos, Greece, September 19-23, 2003. London: Facet Publishing. 2004.

#### **Assessing interoperability in the networked environment: Standards, evaluation, and testbeds in the context of Z39.50.** In Charles R. McClure and John Carlo Bertot (Eds.), *Evaluating networked information services: Techniques, policy, and issues* (pp.85-109). Publisher: ASIS thru Information Today, Inc. 2001.

#### **The government information locator service: Discovering, identifying, and accessing spatial data.** In Linda C. Smith and Myke E. Gluck (Eds.) *Geographic information systems and libraries: Patrons, maps, and spatial information* (pp. 41-67). Urbana-Champaign, IL: Graduate School of Library and Information Science. 1996.

#### **Toward a virtual library: Internet and the national research and education network** (with Charles R. McClure, Mary McKenna, and Joe Ryan). In Catherine Barr (ed.), *The Bowker Annual* (38<sup>th</sup> ed.) (pp. 25-45). New Providence, NJ: R.R. Bowker. 1993.

**Public library service to the economic community.** In Kathleen M. Heim and Danny P. Wallace (Eds.), *Adult services: An enduring service for public libraries* (pp. 327-348). Chicago: American Library Association. 1990.

**Library and information science student attitudes, demographics, and aspirations survey: Who we are and why we are here.** In William E. Moen and Kathleen M. Heim (Eds.), *Librarians for the new millennium* (pp. 93-109). Chicago: American Library Association, Office for Library Personnel Resources. 1988

## **Journal Articles**

**Comparison of MARC content designation utilization in OCLC WorldCat records with national, core, and minimal level record standards.** (with Amy P. Eklund, Shawne D. Miksa, Gregory Snyder, and Serhiy Polyakov). *Journal of Library Metadata*, v 9, no 3, 2009: 36-64.

**The metadata education and research information commons (MERIC): A collaborative teaching and research initiative** (with Sherry L. Vellucci and Ingrid Hsieh-Yee). *Education for Information*, v 25, no 3-4, 2007: 169-178.

**Examining MARC records as artifacts that reflect metadata utilization decisions.**

*First Monday*, v 11, no 8, August 2006.

URL: [http://firstmonday.org/issues/issue11\\_8/moen/index.html](http://firstmonday.org/issues/issue11_8/moen/index.html)

**The challenges of nonstandardized vendor usage data in a statewide metasearch environment: The Library of Texas experience** (with Fatih Oguz and Charles R. McClure). *Library Quarterly*, v 74, no 4, October 2004: 403-422.

**The deep web: Resource discovery in the Library of Texas** (with Kathleen Murray). *Texas Library Journal*, v 80, no 1, Spring 2005:16-24.

**Critical, cost-effective, and collaborative: An assessment of the impact of TIF funds in libraries** (with Carol Simpson and Florence Mason). *Texas Library Journal*, v 79 no 1, Spring 2003: 24-6, 28-9.

**A service-based approach for virtual libraries** (with Kathleen R. Murray). *Texas Library Journal*, v 78, no 3, Fall 2002: 96-100.

Available URL: <<http://www.unt.edu/wmoen/publications/MoenVirtualLibrariesZLOTFall2002.pdf>>

**Designing and demonstrating a resource discovery service for the Library of Texas** (with Kathleen R. Murray). *Texas Library Journal*, v 78, no 3, Fall 2002: 101-6.

Available URL: <<http://www.unt.edu/wmoen/publications/MoenVirtualLibrariesZLOTFall2002.pdf>>

**Interoperability and Z39.50 profiles: The Bath and U.S. national profiles for library applications.** *ALCTS Newsletter Online, From Catalog to Gateway*, v 12, no 4, Winter 2001.

Available URL: <[http://www.ala.org/alcts/alcts\\_news/gateway\\_pap18.html](http://www.ala.org/alcts/alcts_news/gateway_pap18.html)>. Last accessed December 27, 2001.

**The Z39.50 interoperability testbed, phase 1 testing** (*In Brief*) *D-Lib Magazine*, vo 7, no 11, November 2001.

Available URL: <<http://www.dlib.org/dlib/november01/11inbrief.html#MOEN>>. Last accessed November 18, 2001.

**The metadata approach to accessing government information.** *Government Information Quarterly*, v 18, no 3, July 2001: 155-165.

**Realizing the vision of networked access to library resources: an applied research and demonstration project to establish and operate a z39.50 interoperability testbed.** (*In Brief*) *D-Lib Magazine*, v 7, no 1, January 2001.

Available URL: <<http://www.dlib.org/dlib/january01/01inbrief.html#MOEN>>. Last accessed November 18, 2001

**FirstGov.org/net/com: Issues and considerations** (with John Carlo Bertot). *The Journal of Academic Librarianship*, v 26, no 6, November 2000: 422-426.

**Interoperability for information access: Technical standards and policy considerations.** *Journal of Academic Librarianship*, v 26, no 2, March 2000: 129-132.

**Descriptive assessment of information policy initiatives: the Government Information Locator Service (GILS) as an example** (with Charles R. McClure and John Carlo Bertot). *Journal of the American Society for Information Science*, v 50, no 4, April 1, 1999: 314-330.

**The Z Texas Project: Implementing z39.50 to improve statewide access to library catalogs and other online resources.** *Texas Library Journal*, v 74, no 4, Winter 1998: 168-172.

Available URL: <[http://www.txla.org/pubs/tlj74\\_4/moen.html](http://www.txla.org/pubs/tlj74_4/moen.html)>. Last accessed November 25, 2001.

**The global museum.** *Library Technology*, v 3 no 4, August 1998: 63-64.

- Accessing distributed cultural heritage information.** *Communications of the ACM*, v 41, no 4, April 1998: 45-48.
- Web usage statistics: measurement issues and analytical techniques** (with John Carlo Bertot, Charles R. McClure, and Jeffrey Rubin). *Government Information Quarterly*, v 14, no 4, October 1997: 373-395.
- Metadata for network information discovery and retrieval: Workshop report.** *Information Standards Quarterly*, v 7, no 2, April 1995: 1-4.
- ANSI's information infrastructure standards panel aims to accelerate standards development for the NII/GII.** *Information Standards Quarterly*, v 6, no 4, December 1994: 2-4.
- Information technology standards: A component of federal information policy.** *Government Information Quarterly*, v 11, no 4, October 1994: 357-371.
- The Government Information Locator Service: A User-Based Approach to Standards** (with Charles R. McClure). *StandardView* v2, no 2, June 1994: 86-95.
- The role of public libraries in the use of the Internet/NREN information services** (with Charles R. McClure and Joe Ryan). *Library and Information Science Research* v 15, no 1, Winter 1993: 7-34.
- Design for an internet-based government-wide information locator system** (with Charles R. McClure and Joe Ryan). *Electronic Networking: Research, Application, and Policy*, v 2, no 4, Winter 1992: 6-37.
- Diversification of the library and information science entry pool: Issues from the LISSADA survey report** (with Kathleen M. Heim). *Journal of Library Administration*, v 16, no 1-2, 1992: 95-107.
- patterns of program selection: Ranked factors in the choice of a master's degree program in library and information studies** (with Kathleen de la Pena McCook). *Journal of Education for Library and Information Science*, v 33, no 3, Summer 1992: 212-225.
- EC 1992: new proposals for European standardization.** *Information Standards Quarterly*, v 3, no 1, January 1991: 14-17.
- Senator Gore addresses ALA.** *LC Information Bulletin*, v 50, no 3, February 11, 1991: 44.
- Information services recruitment: The challenge of opportunity.** *RQ*, v 9, no 4, Summer 1990: 562-566
- The class of 1988: Librarians for the new Millennium** [sic](with Kathleen M. Heim). *American Libraries*, v 19, no 10, November 1988: 858-860+.

### Published Conference Papers and Abstracts

- An event model for herbarium specimen data in XML.** (October 2010). (with Amanda Neill and Jason Best). [Poster Abstract]. 2010 Annual Conference of the Taxonomic Databases Working Group. Woods Hole, MA, September 26-October 1. 2010. Available in online proceedings at: [http://www.tdwg.org/fileadmin/2010conference/documents/Provisional\\_Proceedings\\_of\\_TDWG\\_2010.pdf](http://www.tdwg.org/fileadmin/2010conference/documents/Provisional_Proceedings_of_TDWG_2010.pdf), pp. 49-50.
- Extraction and parsing of herbarium specimen data: Exploring the use of the Dublin Core application profile framework.** (February 2010). (with Jane Huang, Melody McCotter, Amanda Neill, and Jason Best). iConference 2010. University of Illinois at Urbana Champaign, IL, February 3-6. 2010. Available in online proceedings at: [http://nora.lis.uiuc.edu/images/iConferences/2010papers\\_Allen-Ortiz.pdf](http://nora.lis.uiuc.edu/images/iConferences/2010papers_Allen-Ortiz.pdf), pp 154-160.
- Designing and implementing a learning object repository: Issues of complexity, granularity, and user sense-making.** (May 2009). The 4<sup>th</sup> International Conference on Open Repositories Conference. Atlanta, GA, May 18-21, 2009. Available in online proceedings at: <http://smartech.gatech.edu/dspace/handle/1853/28535>. URL for paper: <http://smartech.gatech.edu/dspace/bitstream/1853/28442/2/107-623-1-PB.pdf>
- A repository for learning objects: Supporting the reuse and repurposing of redesigned courses and their content.** (October 2009). (with Svetlana Barnes, Fei Li, Serhiy Polyakov, and Hong Xu). In *Proceedings of the 71st ASIS&T Annual Meeting, v 45, People Transforming Information - Information Transforming People*. Columbus, OH, October 24-29, 2008. Silver Spring, MD: American Society for Information Science and Technology. Available in online proceedings at: <http://www.asis.org/Conferences/AM08/proceedings/>.
- Automatic keyword extraction for learning object repositories.** (October 2008). (with Kino High Coursey & Rada Mihalcea). In *Proceedings of the 71st ASIS&T Annual Meeting, v 45, People Transforming Information - Information Transforming People*. Columbus, OH, October 24-29, 2008. Silver Spring, MD: American Society for Information Science and Technology. Available in online proceedings at: <http://www.asis.org/Conferences/AM08/proceedings/>.
- The potential for web services to enhance information access to legacy data: An exploratory study and application.** (November 2006). (with Fatih Oguz). In *Proceedings of the 69th ASIS&T Annual Meeting, v. 43, Information Realities: Shaping the Digital Future for All*. Austin, TX, November 3-8, 2006. Silver Spring,

MD: American Society for Information Science and Technology. Available in online proceedings at: <http://www.asist.org/Conferences/AM06/proceedings/index.html>.

- Learning from artifacts: Metadata utilization analysis.** (June 2006). (with Shawne D. Miksa, Amy Eklund, Serhiy Polyakov, Gregory Snyder). In *Proceedings of 6<sup>th</sup> ACM/IEEE-CS Joint Conference on Digital Libraries*. Chapel Hill, NC, June 2006 (pages: 270 - 271). New York: The Association for Computing Machinery. Paper available from ACM Digital Library at: <http://doi.acm.org/10.1145/1141753.1141813>.
- An extensible approach to interoperability testing: The use of special diagnostic records in the context of Z39.50 and online library catalogs.** (November 2005) (with Sebastian Hammer, Mike Taylor, Jason Thomale, and JungWon Yoon). In *Proceedings of the 68<sup>th</sup> ASIS&T Annual Meeting, v 42*. Charlotte, North Carolina, October 28 – November 2, 2005. Silver Spring, MD: American Society for Information Science and Technology. [Published in CD format only]. Preprint available at: <http://www.unt.edu/wmoen/publications/AsistPaperPreprinMoenJune2005.pdf>
- Design, development, and implementation of a Texas library directory database: a multipurpose database for the Library of Texas.** (November 2004). (with Irene Lopatovska and Fatih Oguz). In *Proceedings of the 67<sup>th</sup> ASIS&T Annual Meeting, v 41*. Providence, Rhode Island, November 12-17, 2004 (pp. 93-1001). Medford, NJ: Information Today, Inc. 2004.
- Optimizing resource discovery service interfaces in statewide virtual libraries: The Library of Texas Challenge.** (September 2003). (with Kathleen R. Murray and Irene Lopatovska). In *Proceedings of Libraries Without Walls 5: The Distributed Delivery of Library and Information Services*. Molyvos, Greece, September 19-23, 2003. London: Facet Publishing. (forthcoming in 2004)
- Assessing metadata utilization: An analysis of MARC content designation use.** (October 2003). (with Penelope Benardino). In *2003 Dublin Core Conference: Supporting Communities of Discourse and Practice – Metadata Research and Application*. Seattle, WA, September 28-October 2, 2003. Seattle: Information School of the University of Washington, 2003.
- Improving Z39.50 interoperability: Z39.50 profiles and testbeds for library applications.** (August 2001). In *Conference Papers from the 67th International Federation of Library Associations Council and General Conference on CD*. Boston, MA, August 23, 2001. Available URL: <http://www.ifla.org/IV/ifla67/papers/050-203e.pdf>. Last accessed November 25, 2001.
- Mapping the interoperability landscape for networked information retrieval.** (June 2001). In *Proceedings of First ACM/IEEE-CS Joint Conference on Digital Libraries*. Roanoke, VA, June 24-28, 2001 (pp. 50-52). New York: The Association for Computing Machinery, 2001.
- Resource discovery using Z39.50: Promise and reality.** (November 2001). In Ann M. Sandberg-Fox (Ed.), *Proceedings of the Bicentennial Conference on Bibliographic Control for the New Millennium: Confronting the Challenges of Networked Resources and the Web*. Washington, DC, November 15-17, 2000. Washington, DC: Library of Congress, Cataloging Distribution Service, 2001. Available URL: [http://lcweb.loc.gov/catdir/bibcontrol/moen\\_paper.html](http://lcweb.loc.gov/catdir/bibcontrol/moen_paper.html). Last accessed November 25, 2001.
- Linking school library media standards and information seeking behavior: An examination of students' information seeking strategies for use in the development of instruction to promote information literacy programs and standards revision.** (April 2000). (with Janet R. Walker). Texas Library Association 2000 Conference, Contributed Papers Session II, Houston, TX, April 13, 2000. Available URL: <http://home.swbell.net/walkerjr/ISBS/tlapaper.html>. Last accessed November 18, 2001.
- Assessing metadata quality: Findings and methodological considerations from an evaluation of the U.S. Government Information Locator Service (GILS).** (April 1998). (with Erin L. Stewart and Charles R. McClure). In *IEEE ADL '98: Proceedings of the IEEE International Forum on Research and Technology Advances in Digital Libraries*. Santa Barbara, CA, April 22-24, 1998 (pp. 246-255). Los Alamitos, CA: IEEE Computer Society. 1998.
- Assessing the Government Information Locator Service (GILS): A multi-method approach for evaluating networked services.** (November 1997). (with Charles R. McClure, Erin L. Stewart and June Koelker). In Candy Schwartz and Mark Rorvig (Eds.), *ASIS '97: Proceedings of the 60th ASIS Annual Meeting*. Washington, DC, November 1-6, 1997 (pp. 67-77). Medford, NJ: Information Today, Inc. 1997.
- The role of content analysis in evaluating metadata for the U.S. Government Information Locator Service (GILS): Results from an exploratory study.** (September 1997). (with Erin L. Stewart and Charles R. McClure). In *Proceedings of the Second IEEE Computer Society Metadata Conference*. Silver Spring, MD, September 16-17, 1997. Washington, DC: IEEE Computer Society. 1997.

- Using log files to assess web-enabled information system usage.** (August 1997). (with Kristin Eschenfelder, Steven K. Wyman, John Carlo Bertot, and Charles R. McClure). In *Association for Information System 1997 Americas Conference* [On-line Conference Papers], Indianapolis, Indiana, August 15-17, 1997. Available URL: <<http://hsb.baylor.edu/ramsower/ais.ac.97/papers/eschen.htm>>. Last Accessed November 18, 2001.
- Academic libraries and the impact of the Internet/NREN: Key issues and findings.** (October 1993). (with Charles R. McClure and Joe Ryan). In Susan Bonzi (Ed.), *ASIS '93: Proceedings of the 56th ASIS Annual Meeting*. Columbus, OH, October 24-28, 1993 (pp. 32-38). Medford, NJ: Learned Information, Inc. 1993.
- Electronic delivery or federal government services: Policy issues and recommendations.** (October 1993). (with Charles R. McClure, Rolf T. Wigand, John Carlo Bertot, Mary McKenna, Joe Ryan and Stacy Veeder). In Susan Bonzi (Ed.), *ASIS '93: Proceedings of the 56th ASIS Annual Meeting*. Columbus, OH, October 24-28, 1993 (pp. 39-49). Medford, NJ: Learned Information, Inc. 1993.
- Information technology standards in the federal government: Components of federal information policy.** (October 1993). In Susan Bonzi (Ed.), *ASIS '93: Proceedings of the 56th ASIS Annual Meeting*. Columbus, OH, October 24-28, 1993 (pp. 25-31). Medford, NJ: Learned Information, Inc. 1993.
- Identifying and describing federal information inventory/locator systems: Preliminary findings and key issues.** (October 1992). (with Charles R. McClure and Joe Ryan). In Deborah Shaw (Ed.), *ASIS '92: Proceedings of the 55th ASIS Annual Meeting*. Pittsburgh, PA, October 26-29, 1992 (pp. 110-119). Medford, NJ: Learned Information, Inc. 1992.
- The impact of national electronic networking on academic and public libraries: Findings, issues, and recommendations.** (September 1992). (with Charles R. McClure, Joe Ryan, Diana Lauterbach and Bonnie Gratch). In *Information Technology: IT's for Everyone! Proceedings of the LITA Third National Conference*. Denver, CO, September 13-16, 1992.
- Organizing networked resources for effective use: Classification and other issues in developing navigational tools.** (May 1992). In *Networking, Telecommunications, and the Networked Information Revolution: Proceedings of the ASIS 1992 Mid-Year Meeting*. Albuquerque, NM, May 28-30, 1992. (pp. 8-22). Silver Spring, MD: American Society for Information Science. 1992.
- Who are we? A profile of students enrolled in programs of library and information science in New York based on the library and information science students' attitudes, demographics, and aspirations (LISSADA) Survey.** (November 1990). A background paper prepared for *Following Dewey's Path: An Institute to formulate recruitment, education, training & certification strategies to counter New York's shortage of librarians during the '90s*. Albany, NY. November 7-8, 1990.

## **Research Reports and Technical Specifications**

- MARC Content Designation Utilization Project Technical Reports.** A large number of technical reports produced as part of research project 2005-2007 available on project website: <<http://www.mcd.unt.edu>>.
- U.S. National Z39.50 Profile for Library Applications** (with NISO SC AV members). Prepared for the National Information Standards Organization as a draft standard for formal balloting by NISO. January 2003. Available URL: <<http://www.unt.edu/zprofile/Profile/FinalJan2003/Profile15Jan2003Final.doc>>
- ZLOT Project Deliverable E: Technical Requirements & Specifications for the Library of Texas Resource Discovery Service** (with Kathleen R. Murray). Prepared for the Texas State Library and Archives Commission as deliverable for funded project. December 2002. Available URL: <[http://www.unt.edu/zlot/Deliverables/del\\_\\_e\\_technical\\_specifications\\_wem\\_23dec2002.doc](http://www.unt.edu/zlot/Deliverables/del__e_technical_specifications_wem_23dec2002.doc)>
- ZLOT Project Deliverable D: Architecture Design** (with Kathleen R. Murray). Prepared for the Texas State Library and Archives Commission as deliverable for funded project. December 2002. Available URL: <[http://www.unt.edu/zlot/Deliverables/del\\_d\\_architecture\\_krm\\_22dec2002.doc](http://www.unt.edu/zlot/Deliverables/del_d_architecture_krm_22dec2002.doc)>
- ZLOT Project Deliverable H: Proof of Concept Planning & Coordination.** Prepared for the Texas State Library and Archives Commission as deliverable for funded project. November 2002. Available URL: [http://www.unt.edu/zlot/Deliverables/del\\_h\\_poc\\_planning\\_wem\\_25nov2002.doc](http://www.unt.edu/zlot/Deliverables/del_h_poc_planning_wem_25nov2002.doc)
- ZLOT Project Deliverable B: Technology Inventory and Assessment** (with Kathleen R. Murray). Prepared for the Texas State Library and Archives Commission as deliverable for funded project. September 2002. Available URL: <[http://www.unt.edu/zlot/Deliverables/TIA\\_Final/del\\_b\\_tia\\_rev2\\_krm\\_7oct2002.doc](http://www.unt.edu/zlot/Deliverables/TIA_Final/del_b_tia_rev2_krm_7oct2002.doc)>
- ZLOT Project Deliverable C: Functional Requirements for the Library of Texas** (with Kathleen R. Murray). Prepared for the Texas State Library and Archives Commission as deliverable for funded project. June 2002.

Available URL: <[http://www.unt.edu/zlot/Deliverables/del\\_c\\_functional\\_requirements\\_krm\\_30jun2002.doc](http://www.unt.edu/zlot/Deliverables/del_c_functional_requirements_krm_30jun2002.doc)>

**A White Paper on Outcomes Evaluation: Concepts, Strategies, and Practical Applications.** Prepared in collaboration with the Texas Center for Digital Knowledge Needs Assessment Study Team. December 2002.

Available URL: <<http://www.unt.edu/needz/EvaluationPaper/EvaluationWhitePaperFinal10Dec2002.pdf>>

**A Needs Assessment of Texas Academic, Public, and School Libraries: Final Report.** Prepared in collaboration with the Texas Center for Digital Knowledge Needs Assessment Study Team. October 2002.

Available URL: <<http://www.unt.edu/needz/FinalReport.htm>>

**Illinois Library Resources and Automation in the Networked Environment: An Analysis and Recommended Strategies: Final Report** (with Larry Enoch and Deborah Greenway-Hayes). Prepared for the Illinois State Library as deliverable for funded project. October 2002.

Available URL: <<http://www.unt.edu/zillane/FinalReport.htm>>

**The Bath Profile: An International Z39.50 Specification for Library Applications and Resource Discovery, Version 1.1. Internationally Registered Profile.** Prepared in collaboration with the Bath Group and the Bath Profile Editorial Team. February 2001.

Available URL: <<http://www.nlc-bnc.ca/bath/bp-current.htm>>. Last accessed November 19, 2001.

**Identifying and Categorizing Information Seeking Behaviors in the Networked Environment: An Exploratory Study of Young Adults, Final Report** (with Janet R. Walker). Funded by the University of North Texas Interdisciplinary Ph.D. Program in Information Science, Joint Faculty/Ph.D. Student Research Grant Program. Denton, TX: School of Library and Information Sciences. January 2001.

Available URL: <<http://home.swbell.net/walkerjr/ISBS/finalreport.pdf>>. Last accessed November 18, 2001.

**The Z Texas Profile: A Z39.50 Profile for Library Systems Applications in Texas. Release 2.0.** Prepared in conjunction with the Texas Z39.50 Implementors Group. September 15, 2000.

Available URL: <<http://www.tsl.state.tx.us/ld/projects/z3950/tzigprofilerelease20.html>>. Last accessed November 25, 2001.

**A Study of State Library Agencies' Information Technology Standards Policies and Practices.** Prepared for the National Information Standards Organization. August 15, 2000.

Available URL: <<http://www.unt.edu/wmoen/projects/StateLibraryStandardsStudy/TitlePage.htm>>. Last accessed November 25, 2001.

**Z Texas Profile: A Z39.50 Profile for Library Systems Applications in Texas. Release 1.0 Stable Draft.**

Prepared in collaboration with the Texas Z39.50 Implementors Group. April 20, 1999.

Available URL: <<http://www.tsl.state.tx.us/ld/projects/z3950/tzigprofile99apr20.html>>. Last accessed November 25, 2001.

**Handling Bibliographic Holdings Information in Z39.50: Implications for the Z Texas Profile.** Prepared for the Texas Z39.50 Implementors Group. March 27, 1999.

Available URL: <<http://www.tsl.state.tx.us/ld/projects/z3950/holdings27mar99.html>>. Last accessed November 25, 2001.

**The CIMI Profile, Release 1.0H: A Z39.50 Profile for Cultural Heritage Information.** Prepared for the Consortium for the Computer Interchange of Museum Information. November 1998.

Available URL: <[http://www.cimi.org/public\\_docs/HarmonizedProfile/HarmonProfile1.htm](http://www.cimi.org/public_docs/HarmonizedProfile/HarmonProfile1.htm)>. Last accessed November 25, 2001.

**Texas Z: The Texas Z39.50 Requirements and Specifications Project. A Discussion Paper.** Prepared for the Texas State Library and Archives Commission. August, 1998.

Available URL: <<http://www.unt.edu/wmoen/Z3950/TexasZDPAug98.htm>>. Last accessed November 25, 2001.

**The CIMI Profile: Z39.50 Application Profile for Cultural Heritage Information. Release 1.0.** Prepared for the Consortium for the Computer Interchange of Museum Information. March 1, 1998.

**An Evaluation of the Federal Government's Implementation of the Government Information Locator Service (GILS), Final Report** (with Charles R. McClure). Prepared for the U.S. General Services Administration.

Washington, DC: Government Printing Office, 1997. Available from ERIC: ED 410-965.

Available URL: <[http://www.access.gpo.gov/su\\_docs/gils/gils-eval/html/toc.html](http://www.access.gpo.gov/su_docs/gils/gils-eval/html/toc.html)>. Last accessed November 25, 2001.

**The Government Information Locator Service (GILS): Expanding Research and Development on the ANSI/NISO Z39.50 Information Retrieval Standard, Final Report** (with Charles R. McClure). Prepared for the United States Geological Survey and the Interagency Working Group on Data Management for Global Change. Syracuse, NY: School of Information Studies, September 7, 1994 (also available from NISO Press).

**The AskERIC Electronic Library: An Organizational Framework for User Access and Effective Navigation.**

Prepared for AskERIC, ERIC Clearinghouse on Information Technology, Syracuse, NY. June 20, 1993.

**Federal Information Policy and Management for Electronic Services Delivery** (with Charles R. McClure, Rolf

T. Wigand, John Carlo Bertot, Mary McKenna, Joe Ryan, and Stacy Veeder). Prepared for Office of Technology Assessment, U.S. Congress, Washington, DC. Syracuse, NY: School of Information Studies, December 21, 1992.

**Identifying and Describing Federal Information Inventory/Locator Systems: Design for Networked-Based Locators, Volumes I & II** (with Charles R. McClure and Joe Ryan). Prepared for the U.S. Office of

Management and Budget, National Archives and Records Center, and General Services Administration, Washington, DC. Syracuse, NY: School of Information Studies, August 25, 1992.

**Public Libraries and the Internet/NREN: New Challenges, New Opportunities** (with Charles R. McClure, Joe

Ryan, and Diana Lauterbach). Prepared for OCLC, Inc., Dublin, OH. Syracuse, NY: School of Information Studies, July 1, 1992.

**Bar Code Symbolologies and the Bibliographic Environment: A Background Paper for ISO TC46/SC4.**

Prepared for the National Information Standards Organization, Gaithersburg, MD, May 9, 1991.

### **Book Reviews**

**Standards Policy for Information Infrastructure** by Brian Kahin & Janet Abbate. In *Information Processing and Management*, 32(6): 770-771. 1996.

**Realizing the Information Future: The Internet and Beyond** by NRENAISSANCE Committee, National Research Council. In *Information Processing and Management*, 32(1): 120-121. 1996.

**Guidelines for Cataloging Monographic Electronic Texts at the Center for Electronic Texts in the Humanities** by Annelies Hoogcarpsel. In *Internet Research: Electronic Networking Applications and Policy*, 4(4) Winter 1994: 68-69. 1994.

**An Architectural Framework for the National Information Infrastructure** by Cross-Industry Working Team. In *Internet Research: Electronic Networking Applications and Policy*. 1994.

**Libraries, Networks, and OSI: A Review, with a Report on North American Developments** by Lorcan Dempsey. In *Electronic Networking: Research Applications and Policy*, 1(2): Winter 1991: 47-49. 1991.

### **Journal & Conference Paper Reviewer**

Occasional article reviewer for *Government Information Quarterly*, *Information Processing and Management*; *Journal of the American Society for Information Science*; *Library and Information Science Research*.

Occasional conference paper reviewer for *Dublin Core Conference*; *America Society for Information Science and Technology Annual Conference*; *International Society for Knowledge Organization*

---

### ***RESEARCH & DEVELOPMENT ACTIVITIES***

Principal Investigator. **Digital Information Curation for 21st Century Science and Scholarship: Experience-Based Learning for Information Professionals and Disciplinary Researchers.** Project funded by the Institute of Museum and Library Services. A 36-month project build capacity in UNT's Library and Information Sciences (LIS) curriculum to increase the number of appropriately trained information professionals and disciplinary researchers and scholars for digital curation and data management responsibilities. 2011-2014.

Co-Principal Investigator. **DATARES: Research on Emerging Research Data Management Needs.** Project funded by the Institute of Museum and Library Services. A 24-month project to investigate how the library and information science profession can best respond to emerging needs of research data management in universities. 2011-2013.

Principal Investigator. **A Repository and Metadata Application for the STARLINK Training Network's Digital Education Videos -- Phase III.** Project funded by the STARLINK Training Network. A 2-month project to revise and enhance the user interface for the digital repository. 2011.



- Principal Investigator. **A Review and Assessment of Open Source Software for Use in Learning Object Repositories.** Project funded by the Florida Distance Learning Consortium / Tallahassee Community College. A 9-month project to review and assess OSS applications/platforms for use in learning object repositories (LORs), and interview implementors of specific LORs. 2008.
- Principal Investigator. **High-Throughput Workflow for Computer-Assisted Human Parsing of Biological Specimen Label Data.** Project funded by the Institute of Museum and Library Services. A 30-month project with the Botanical Research Institute of Texas in Fort Worth to develop and integrate technology that will transform data from the printed or handwritten labels on the institute's specimens into a form that is processable by computers. 2008 – 2011.
- Co-Principal Investigator. **SciSIP (MOD): A Comparative Assessment of Models for Integrating Societal Impacts Concerns into the Peer Review of Grant Proposals.** Project funded by the National Science Foundation. A 36-month project will study how five science agencies use the process of peer review to ensure that the research they fund is socially relevant. 2008 – 2011.
- Principal Investigator. **A Review and Assessment of Open Source Software for Use in Learning Object Repositories.** Project funded by the Florida Distance Learning Consortium / Tallahassee Community College. A 9-month project to review and assess OSS applications/platforms for use in learning object repositories (LORs), and interview implementors of specific LORs. 2008.
- Principal Investigator. **STARLINK Video Digital Repository.** Project funded by the STARLINK Training Network. A 6-month project to develop and implement a digital repository to provide access to professional development and training videos. 2008.
- Principal Investigator. **The Texas Course Redesign Learning Object Repository: Research and Development for a Production System.** Project funded by the Texas Higher Education Coordinating Board. A 24-month project to prepare a near-production level learning object repository for courses created by the Texas Course Redesign Project. 2007 – 2009.
- Principal Investigator. **A Proof-of-Concept Repository for Learning Objects: Supporting the Reuse and Repurposing of Redesigned Courses and Their Content.** Project funded by the Texas Higher Education Coordinating Board. A 7-month project to demonstrate the feasibility of a learning object repository for courses created by the Texas Course Redesign Project. 2007.
- Co-Principal Investigator (with Dr. Jiangping Chen). **Authors @ Your Library: Web Database System.** Project funded by the Association of American Publishers. A 12-month research and development project to create a match-making service for library programs and publishers and their authors, with one year extension. 2005 – 2007.
- Principal Investigator. **Examining Present Practices to Inform Future Metadata Use: An Empirical Analysis of MARC Content Designation Utilization.** Project funded by a National Leadership Grant from the U.S. Federal Institute of Museum and Library Services. A 21-month project to investigate library catalogers' use of MARC content designation with one-year extension. 2004 – 2007.
- Principal Investigator. **Developing an Alternative Approach for Interoperability Testing of Library Z39.50 Servers.** A funded extension to the Realizing the Vision of Networked Access to Library Resources: An Applied Research and Demonstration Project to Establish and Operate a Z39.50 Interoperability Testbed. Project funded by the U.S. Federal Institute of Museum and Library Services. An 8-month project to develop an alternative method of interoperability testing using specially-created MARC diagnostic records. 2004 – 2005.
- Principal Investigator. **System Configuration for Implementing the LOT Resource Discovery Service.** This project continues the work started in the Z Implementation Component of the Library of Texas project. Funded by the Texas State Library and Archives Commission. A project to begin implementation of the LOT resource discovery service for the Library of Texas. 2003 – 2004.
- Principal Investigator. **Evaluation Services for the Portal to Texas History Project.** Project funded by the UNT Libraries as part of its Portal to Texas History Project. Nine-month project to assess the achievement of goals and objectives of the Portal project. 2002 – 2003.
- Principal Investigator. **Needs Assessment Study of Texas Academic, Public, and School Libraries:** Project funded by the Telecommunication Infrastructure Fund (TIF) Board. A 9-month project to survey Texas libraries to inform the TIF Board and is Library Working Group on the state of these libraries in terms of technology, skills, and other needs. 2002.
- Principal Investigator. **The Z Implementation Component of the Library of Texas.** Project funded by the Texas State Library and Archives Commission. A 10-month project to develop the virtual catalog and integrating search/retrieval interface for the Library of Texas. 2001 – 2002.

- Principal Investigator. **Illinois Library Resources and Library Automation in the Networked Environment: An Analysis and Recommended Strategies.** Project funded by the Illinois State Library. A 5-month project to assess shared library automation and recommend strategies for statewide access to library resources. 2001 – 2002.
- Principal Investigator. **Realizing the Vision of Networked Access to Library Resources: An Applied Research and Demonstration Project to Establish and Operate a Z39.50 Interoperability Testbed.** Project funded by the U.S. Federal Institute of Museum and Library Services. A 20-month project to improve interoperability in search and retrieval with online library catalogs. 1999-2001. Extended through December 2003.
- Principal Investigator. **A Study of State Library Agencies' Information Technology Standards Policies and Procedures.** Project funded by the National Information Standards Organization (NISO) to determine extent and best practices of standard policies in state library agencies. 1998 – 2000.
- Principal Investigator. **An Evaluation of the Federal Government's Implementation of the Government Information Locator Service (GILS).** Project funded by the U.S. General Services Administration for a seven-month evaluation study of GILS. 1996 – 1997.
- Co-Principal Investigator (with Charles R. McClure) and Project Coordinator. **Expanding Research and Development on the ANSI/NISO Z39.50 Search and Retrieval Standard.** Project funded by the Interagency Working Group on Data Management for Global Change to develop and application profile for Z39.50 implementation of a government information locator service. 1993 – 1994.
- Study Team Member (with Charles R. McClure & Rolf T. Wigand). **Federal Information Policy and Management for Electronic Services Delivery.** Project funded by the U.S. Office of Technology Assessment to investigate the use of information technology in the delivery of government information. 1992.
- Study Team Member (with Michael S. Nilan). **Behavior of Information Users: Design for a Campus-Wide Information System.** Project to investigate university students' information needs on which to base the design of a new campus-wide information system. 1992.
- Study Team Member (with Charles R. McClure). **Impact of the National Research and Education Network (NREN) on Libraries.** Project funded by OCLC, Inc. and Meckler Publishers to investigate the impact of electronic networks on and the possible changing roles of libraries. 1991 – 1993.
- Study Team Member (with Charles R. McClure). **Government Information Inventory/Locator System.** Project funded by the Office of Management and Budget to investigate available locators of government information and to recommend next steps in development a Government Information Locator Service. 1991 – 1992.
- Principal Investigator. **Bar Code Symbolologies and the Bibliographic Environment.** Project funded by National Information Standards Organization to investigate and provide a background paper on the potential of bar code symbols as carriers of bibliographic information. 1991.
- Co-Principal Investigator (with Kathleen M. Heim) and Project Coordinator. **Library and Information Science Students' Attitudes, Demographics, and Aspirations Survey (LISSADA).** Project funded by American Library Association's Office for Library Personnel Resources for a national survey of masters students in schools of library and information science. 1987 – 1988.

---

### **PRESENTATIONS, SPEECHES, LECTURES & WORKSHOPS**

[Many presentations available online at: <http://www.unt.edu/wmoen/presentations.htm>]

- Trends in Research and Practice: Digital Curation and Repositories.** [Invited presentation]. *APLIC 43<sup>rd</sup> Annual Conference*. Dallas, TX, April 13, 2010.
- Extracting and Parsing Herbarium Specimen Data: A Focus on the New Dublin Core Application Profile Framework.** [Refereed presentation/paper]. (with Jane Huang, Melody McCotter, Amanda Neill, and Jason Best). *iConference 2010*. University of Illinois at Urbana Champaign, IL, February 3-6, 2010.
- An Event Model for Herbarium Specimen Data in XML.** [Refereed poster]. (with Amanda Neill, and Jason Best). *Library Research Seminar V – 2010*. College of Information Studies, University of Maryland, Hyattsville, Maryland, October 6-9, 2010.
- Open Source Software for Learning Repositories.** [Webinar]. Invited presentation as part of the OnCore Blueprint webinar series. November 2009.

- Data-driven Evidence for Core MARC Records.** [Webinar]. Invited presentation as part of a webinar, *Bibliographic Control Alphabet Soup: AACR to RDA and Evolution of MARC*, sponsored by the National Information Standards Organization, October 14, 2009.  
Available online from: <http://www.niso.org/news/events/2009/bibcontrol09/>  
Presentation slides available at: <http://www.niso.org/news/events/2009/bibcontrol09/bibcontrol09.pdf> (Moen slides begin on p. 11.).
- Customizing DSpace Manakin for Educational Video Collections to Enhance User Experience.** [Poster]. (With Serhiy Polyakov, Jane Q. Huang, and Marie Foster). *The 4<sup>th</sup> International Conference on Open Repositories Conference*. Atlanta, GA, May 18-21, 2009.  
Available in online proceedings at: <http://smartech.gatech.edu/dspace/handle/1853/28535>.  
URL for poster: [http://smartech.gatech.edu/dspace/bitstream/1853/28450/6/OR2009\\_StarlinkPoster\\_final.pdf](http://smartech.gatech.edu/dspace/bitstream/1853/28450/6/OR2009_StarlinkPoster_final.pdf)
- Designing and Implementing a Learning Object Repository: Issues of Complexity, Granularity, and User Sense-Making.** [Video]. *The 4<sup>th</sup> International Conference on Open Repositories Conference*. Atlanta, GA, May 18-21, 2009.  
Available in online proceedings at: <http://smartech.gatech.edu/dspace/handle/1853/28535>. URL for paper: <http://smartech.gatech.edu/dspace/handle/1853/28442>
- High-Throughput Workflow for Computer-Assisted Human Parsing of Biological Specimen Label Data.** [Poster]. (With Aliasgar Amin, Zainab Arsiwala, Jason Best, Jane Q. Huang, Melody McCotter, and Amanda Neill.) *The 4<sup>th</sup> International Conference on Open Repositories Conference*. Atlanta, GA, May 18-21, 2009.  
Available in online proceedings at: <http://smartech.gatech.edu/dspace/handle/1853/28535>.  
URL for poster abstract: <http://smartech.gatech.edu/dspace/bitstream/1853/28412/2/176-670-1-PB.pdf>
- Submission Tool for the DSpace-Based Learning Object Repository.** [Poster]. (With Serhiy Polyakov) *The 4<sup>th</sup> International Conference on Open Repositories Conference*. Atlanta, GA, May 18-21, 2009.  
Available in online proceedings at: <http://smartech.gatech.edu/dspace/handle/1853/28535>.  
URL for poster abstract: <http://smartech.gatech.edu/dspace/bitstream/1853/28429/2/196-682-1-PB.pdf>
- Placing All Information Within Our Control? Standards, Information Organization, and the 21<sup>st</sup> Century Library.** [Invited lecture]. Rice University, March 16, 2009. Houston, TX
- Decomposing Redesigned Courses at Different Levels of Detail What Are the Right Sizes and How to Present Them?** (with Fei Li, Svetlana Barnes, Serhiy Polyakov, Hong Xu). Refereed short paper/poster at the 2008 ASIS&T Annual Meeting, Oct. 19-24, 2008. Columbus, OH.
- Reusing and repurposing learning objects: Issues of granularity in the Texas Course Redesign Learning Object Repository.** Refereed presentation at the 8<sup>th</sup> MERLOT (Multimedia Educational Resources for Learning and Online Teaching) International Conference, August 2008, Minneapolis, MN.
- The Future of MARC, Cataloging, and the Catalog.** Invited 3-hour Workshop. Montana Library Association Conference. April 9-12, 2008. Great Falls, MT.
- Reusing Learning Objects: The Texas Learning Object Repository** (with Kevin Lemoine). Refereed Conference Presentation. Texas Distance Learning Association Conference. March 24-27, 2008. Galveston, TX
- Building a Metadata Education and Research Community through MERIC The MERIC Prototype.** Refereed Panel. 2008 ALISE Conference, January 9, 2008, Philadelphia, PA
- The Horizon Wimba Live Classroom: Enhancing Communication and Learning.** Invited presentation at Wimba Breakfast. October 16, 2007. Denton, TX.
- The Semantics of Semantic Interoperability: A Two-Dimensional Approach for Investigating Issues of Semantic Interoperability in Digital Libraries** (with EunKyung Chung). Refereed short paper/poster at the 2007ASIS&T Annual Meeting, Oct. 19-24, 2007. Milwaukee, WI.
- Informing the Future of MARC: An Empirical Approach.** Presentation as part of an Association for Library Collections & Technical Services (ALCTS) sponsored program at the American Library Association 2007 Annual Conference, June 23, 2007, Washington, DC.
- Informing the Future of MARC: An Empirical Approach.** Invited presentation at the National Library of Medicine, June 21, 2007, Bethesda, MD.
- Future of MARC: Challenges and Opportunities of 21st Century Cataloging.** Invited presentation. Massachusetts Library Association 2007 Conference. May 3, 2007, Sturbridge, MA.
- The Horizon Wimba Live Classroom: Enhancing Communication and Learning.** Invited presentation at UNT's Center for Distributed Learning Brown Bag series. April 26, 2007. Denton, TX.
- The Changing Face of Cataloging: Functional Requirements for Bibliographic Records.** Invited presentation for the Texas Regional Group of Catalogers & Classifiers Round Table at the Texas Library Association Annual Conference. April 13, 2007, San Antonio, TX.

- Resources in the New Information Landscape: Threats or Opportunities?** Invited presentation for the Reference Round Table at the Texas Library Association Annual Conference. April 12, 2007, San Antonio, TX.
- The Library's Diminishing Market Share: Rethinking What We Do.** The Eppes Lecture, College of Information, Florida State University. March 20, 2007, Tallahassee, FL.
- The Politics of Information Policy Research: The GILS Experience.** Invited lecture. College of Information, Florida State University. March 19, 2007, Tallahassee, FL.
- A DSpace Foundation for a Teaching & Research Commons: The Metadata Education and Research Information Center** (with Bryce Benton, Ingrid Hsieh-Yee, and Sherry Vellucci. Invited poster at the 2007 Open Repositories Conference, January 25, 2007, San Antonio, TX.
- Representation: A Common Thread in the Traditions and Practices of Information Organization.** Refereed panel presentation, Toward a General Approach to Information Organization, at the 2006 ASIS&T Annual Meeting, November 6, 2006. Austin, TX.
- The MERIC Prototype: A Proof of Concept for the MERIC Vision.** Refereed panel presentation, Building a Digital Teaching Commons to Enhance Teaching and Learning: The MERIC Experience and Challenges, at the 2006 ASIS&T Annual Meeting, November 7, 2006. Austin, TX.
- The Potential for Web Services to Enhance Information Access to Legacy Data: An Exploratory Study and Application** (with Fatih Oguz). Refereed short paper/poster at the 2006 ASIS&T Annual Meeting, November 7, 2006. Austin, TX.
- 21st Century Cataloging... Catalogers' Use of MARC 21st Century Cataloging: Challenges and Opportunities.** Nevada Library Association Conference. August 18, 2006. Las Vegas, Nevada.
- Catalogers' Use of MARC: Learning from Artifacts through Metadata Utilization Analysis.** Invited presentation for the Research Libraries Group, Member Forum, August 8, 2006. Washington, DC.
- Learning from Artifacts: Metadata Utilization Analysis.** Refereed paper presentation for the Joint Conference on Digital Libraries 2006 Chapel Hill, NC. June 2006.
- Catalogers' Use of MARC and 21st Century Cataloging: Challenges and Opportunities.** Montana Library Association Preconference Workshop. May 3, 2006. Missoula, Montana.
- Metadata in the Networked Information Environment: Transformation, Reuse, Aggregation, and Interoperability.** Invited presentation for the Research and Teaching Talk Series, College of Information Science and Technology, Drexel University. April 13, 2006. Philadelphia, PA.
- An Empirical Investigation of Metadata Utilization by Library Catalogers: The MARC Content Designation Utilization Project.** Invited lecture. College of Information Science and Technology, Drexel University. April 13, 2006. Philadelphia, PA.
- Examining MARC Records As Artifacts Reflecting Metadata Utilization Decisions.** Invited presentation for panel, The Metadata is the Message: Issues and Challenges for Digital Projects, at the IMLS WebWise 2006 Conference, February 16, 2006. Los Angeles, CA.
- An Alternative Approach to Interoperability Testing: The Use of Special Diagnostic Records in the Context of Z39.50 and Online Library Catalogs** (with JungWon Yoon). Refereed Paper Presentation. 2005 American Society for Information Science & Technology 68<sup>th</sup> Annual Meeting, November 1, 2005, Charlotte, NC.
- An Inquiry and Analysis of Metadata Utilization: A Case Study of MARC.** Invited Speaker. Metadata Quality and Evaluation, 2005 American Society for Information Science & Technology 68<sup>th</sup> Annual Meeting, November 1, 2005, Charlotte, NC.
- Library and Information Networks & Consortia.** Invited Round Table Member. IV International Conference on University Libraries Emerging Libraries in Today's University Life. October 27 - 28, 2005, Universidad Nacional Autónoma de México (UNAM), Mexico City.
- Radioactive Metadata Records: An Interoperability Testing Approach Based on Metadata Utilization.** Invited Keynote Speaker. Access 2005, October 18, 2005, Edmonton, Alberta.
- Metadata Interaction, Integration, and Interoperability.** Invited Speaker. MODS, MARC and Metadata Interoperability, American Library Association Conference, June 27, 2005, Chicago, IL.
- A Web Services Approach for Search and Retrieve: The Next Generation Z39.50.** Invited Speaker. Presentation at NetFair, Texas Library Association Annual Conference, April 7, 2005. Austin, TX.
- A Radioactive Metadata Record Approach for Interoperability Testing: Use of Special Diagnostic Records in the Context of Z39.50 and Online Library Catalogs.** Invited Speaker. Presentation at the Spring Task Force Meeting, Coalition for Networked Information. April 5, 2005. Washington, DC.
- A Web Services Approach for Search and Retrieve: The Next Generation Z39.50.** Invited Speaker. Access 2004, October 13-16, 2004, Halifax, Nova Scotia.

- What's In It For Me? Evaluating and Reporting the Effectiveness of Electronic Information Services in a Multi-Library Environment: Part 3: Managing & Reporting Evaluation Data.** Invited Speaker. LITA Preconference, October 8, 2004. St. Louis, MO.
- Metadata Interaction, Integration, and Interoperability.** Invited Speaker. National Information Standards Organization (NISO) Workshop: Metadata Practices on the Cutting Edge, May 20, 2004, Washington, DC.
- The Dublin Core Metadata Initiative: Cross-domain Resource Description and Resource Discovery.** Invited Speaker. OASIS Symposium on Reliable Infrastructures for XML, April 27, 2004, New Orleans, LA.
- Making Sense of Usage Statistics for Online Databases: Challenges, Lessons, and Strategies in a Statewide Context.** Invited Speaker. Presentation at the Spring Task Force Meeting, Coalition for Networked Information. April 16, 2004. Washington, DC.
- Next Generation Z39.50: A Web Services Approach for Search and Retrieve.** Invited Speaker. 6th Annual State GILS Conference, March 31 – April 3, 2004, Raleigh, NC.
- A Complex Standard and Its Use: Results from an Empirical Analysis of MARC.** Invited Speaker. 2004 Texas Library Association Annual Conference, March 18, 2004, San Antonio, TX.
- Discovery Metadata for Special Collections: Concepts, Considerations, Choices.** Invited Speaker. 2004 Texas Library Association Annual Conference, March 18, 2004, San Antonio, TX.
- Teaching Metadata and Networked Information Organization & Retrieval: The UNT SLIS Experience.** Invited Speaker. Presentation as part of: Nonprints, Digital Resources and Metadata: Innovations in Cataloging Education panel at 2004 ALISE Conference, January 7, 2004. San Diego, CA.
- No Longer Under Our Control: The Nature and Role of Standards in the 21st Century Library.** Invited Speaker. Presentation at the Library of Congress, Luminary Lecture Series, December 3, 2003. Washington, DC.
- Understanding Resource Discovery Design Requirements for a Statewide Virtual Library: Application of a Technology Adoption Indicator** (with Kathleen R. Murray).. Peer-Reviewed Poster Session. Poster at the American Society for Information Science and Technology Annual Conference, October 19-22, 2003. Long Beach, CA.
- MARC Content Designation Use: Implications for Indexing & Interoperability.** Invited Speaker. Presentation at South Central Unicorn Users Group Annual Conference, October 17, 2003. Austin, Texas.
- Users and Metasearch Applications: New Challenges for Usability Assessment.** Invited Speaker. Presentation at Access 2003 Conference, October 3, 2003. Vancouver, British Columbia, Canada.
- Assessing Metadata Utilization: An Analysis of MARC Content Designation Use.** Peer-Reviewed Paper. Presentation at Dublin Core Conference 2003, October 1, 2003. Seattle, Washington.
- Optimizing Resource Discovery Service Interfaces in Statewide Virtual Libraries: The Library of Texas Challenge.** Peer-Reviewed Paper. Presentation at Libraries Without Walls 5: The Distributed Delivery of Library and Information Services, September 19-23, 2003. Molyvos, Lesvos, Greece.
- Extending Access to Information: Resource Discovery Service.** Invited Speaker. Presentation to the University of Texas at Arlington Library Staff, May 30, 2003. Arlington, TX.
- Barriers to Interoperability: Technical and Not So Technical.** Invited Speaker. Presentation at the 5th Annual GILS Conference, April 8, 2003. Lisle, IL.
- Positioning Z39.50 in the Networked Library: Standards for Building Sustainable Services.** Invited Speaker. Presentation at the Texas Library Association Conference, April 2, 2003. Houston, TX.
- Extending Access to Information: A Resource Discovery Service for the Library of Texas.** Invited Speaker. Presentation at the Texas Library Association Conference, April 2, 2003. Houston, TX.
- The 21st Century Library: Users, Resources, Technology.** Invited Speaker. Presentation at IFOLLETT Workshop, February 18, 2003. Bedford, TX.
- Accessing Digital Data: Technologies, metadata, and standards.** Invited Speaker. Presentation at IFOLLETT Workshop, February 18, 2003. Bedford, TX.
- The ZLOT Project -- An Overview of Activities and Results.** Organizer and presenter at a special meeting for the externally funded project, the Z Texas Implementation Component of the Library of Texas. Denton, TX. December 16-17, 2002.
- A Resource Discovery Service for the Library of Texas: Requirements, Architecture, and Interoperability Testing.** Invited Speaker. Presentation at the Coalition for Networked Information Fall Task Force Meeting. San Antonio, TX. December 5, 2002.
- The 21<sup>st</sup> Century Library: Collaborative Services, Standards, and Interoperability.** Invited Speaker. Presentation at the Netspeed 2002 Conference, Calgary, Alberta. October 26, 2002.

- Interoperability, Z39.50 Profiles & Testing.** Invited Speaker. Presentation at the Netspeed 2002 Conference, Calgary, Alberta. October 25, 2002.
- Z39.50 for Finding It All.** Invited Speaker. Presentation at the Access 2002 Conference. Windsor, Ontario. October 22, 2002.
- A Report from the zILLANE Study: Illinois Library Automation and Resources in the Networked Environment.** Invited Speaker. Presentation at the Illinois Library Association Annual Conference. Chicago, IL. September 25, 2002.
- Interoperability: The Holy Grail of the Networked Environment?** Invited Speaker. Presentation at the American Library Association. Atlanta, GA. June 16, 2002.
- Open Archives Initiative: Resource Discovery through Metadata Harvesting.** Invited Speaker. Presentation at the Net Fair, Texas Library Association Conference, Dallas, Texas. April 25, 2002.
- ZLOT: The Z Texas Implementation Component of the Library of Texas.** Invited Speaker. Presentation at the Texas Library Association, Dallas, TX. April 25, 2002.
- The Virtual Library: A Service-based Architecture.** Invited Participant. Presentation for the SLIS Village Colloquium on What is a Library? March 2002.
- Assessing Interoperability in the Networked Information Retrieval Environment.** Refereed Poster Session. American Society for Information Science and Technology Annual Meeting. Washington, DC. November 6, 2001.
- Z39.50 Profiles: Specifications to Improve Interoperability.** Invited Speaker. Presentation at the Michigan Library Consortium Special Program, Facilitating Resource Sharing: Current and Emerging Standards for Libraries. Ann Arbor, Michigan. October 30, 2001.
- Z-Interop: The Z39.50 Interoperability Testbed.** Invited Speaker. Presentation at the Z39.50 Implementors Group Meeting, Boston Spa, UK. October 5, 2001.
- Z39.50 Profiles: Specifications to Improve Interoperability.** Invited Speaker. Presentation at the Z39.50 Implementors Group Tutorial, Boston Spa, UK. October 2, 2001.
- Z-Interop: The Z39.50 Interoperability Testbed.** Invited Speaker. Presentation at Access 2001: Crafting the Information Age, Winnipeg, Canada. September 27, 2001.
- Bath Profile Update: An International Z39.50 Specification for Library Applications and Resource Discovery.** Invited Speaker. Presentation at Access 2001: Crafting the Information Age, Winnipeg, Canada. September 27, 2001.
- Improving Z39.50 Interoperability: The Bath Profile -- An International Z39.50 Specification for Library Applications & Resource Discovery.** Invited Speaker. Presentation at the 67<sup>th</sup> International Federation of Library Associations Council and General Conference, Boston, MA. August 23, 2001.
- Mapping the Interoperability Landscape for Networked Information Retrieval.** Refereed Paper/Presentation. Presentation at the ACM/IEEE-CS Joint Conference on Digital Libraries, Roanoke, VA. June 24-28, 2001.
- A Z39.50 Update on Profiles and Testbeds. Part 1: The NISO National Z39.50 Profile for Library Applications & Part 2: The Z39.50 Interoperability Testbed.** Invited Speaker. Presentations at the OCLC SiteSearch Users Group Meeting, Dublin, OH. May 8, 2001.
- Z39.50 Interoperability: Profiles and Testbeds.** Invited Speaker. Presentation at the Coalition for Networked Information Spring Task Force Meeting. Washington, DC. April 10, 2001.
- Bibliographic Control in the Networked Environment: Highlights from the Library of Congress Bibliographic Control Conference (November 2000).** Invited Speaker. Presentation at the Texas Library Association Conference. San Antonio, TX. March 29, 2001.
- Introduction to GILS: Resource Discovery and Integrating Access to Information.** Invited Speaker. Presentation at the Third Annual GILS Conference. Illinois State Library, Springfield, IL. March 28, 2001.
- The Emerging 21st Century Library: Services, Standards, and Interoperability.** Invited Speaker. Presentation at the OFFLINE Meeting. Montana Library Network. Helena, MT. February 23, 2001.
- Z39.50 Profiles and the U.S. National Profile for Library Applications.** Invited Speaker. Presentation at the NISO Z39.50 Open Forum. American Library Association Midwinter Meeting, Washington, DC. January 14, 2001.
- The Virtual Library: Definitions, Architecture, Interoperability, and Standards.** Invited Speaker. Presentation to the Council of Prairie and Pacific University Libraries meeting, Victoria, British Columbia, Canada. January 5-7, 2001.
- Z39.50 Profiles: Profiles for Library Applications.** Invited Speaker. Presentation at the Z39.50 Implementors Group Meeting, Washington, DC. December 2000.

- Resource Discovery and Z39.50: Promise and Reality.** Invited Speaker. Bicentennial Conference on Bibliographic Control for the New Millennium: Confronting the Challenges of Networked Resources and the Web. Library of Congress, Washington, DC. November 15-17, 2000.
- Linking Systems: Integrated Access Using Z39.50.** Invited Workshop Organizer and Speaker. The New York 3Rs Linking Systems Workshops held in Buffalo, Albany, Syracuse, Manhattan, Long Island, Fishkill. October and November, 2000.
- Z39.50 Update: Profiles and Semantic Interoperability.** Invited Speaker. Access Y2K Conference; St. Johns, Newfoundland. September 21-23, 2000.
- Z39.50 Profiles. The Bath Profile.** Invited Speaker. Z39.50 Implementors Group Meeting. Leuven, Belgium. July 2000.
- An Introduction to Z39.50: The Basics.** Invited Workshop Organizer and Speaker. Sponsored by The InfoPeople Project of the State Library of California. Workshops given in Sacramento, San Francisco, and Orange County. May 2000.
- Realizing the Vision: Improving Interoperability with Z39.50 Profiles.** Invited Speaker. OCLC SiteSearch User Group Meeting, Dublin, OH. May 2, 2000.
- Making it Happen: Z39.50 in Texas.** Panel Moderator. Texas Library Association Annual Conference. Houston, TX. April 12, 2000
- Metadata: Current Approaches for Networked Information Organization, Discovery, and Retrieval.** Invited Speaker. Texas Library Association Annual Conference, Houston, TX. April 14, 2000.
- Z39.50 In Texas: Z Texas Profile Update.** Invited Speaker. Texas Library Association Annual Conference, Houston, TX. April 14, 2000.
- Metadata: Current Approaches for Networked Information Organization, Discovery, and Retrieval.** Invited Speaker. Southwestern Association of Law Libraries (SWALL) Annual Meeting, San Antonio, TX. March 31, 2000.
- An Introduction to Z39.50: The Basics.** Invited Workshop Organizer and Speaker. Sponsored by the National Information Standards Organization (NISO). San Antonio, TX. January 18, 2000.
- Z39.50 Now! Gaining Market Share...Serving Users.** Invited Speaker. National Information Standards Organization (NISO) Executive Briefing, San Antonio, TX. January 17, 2000.
- Z39.50 and Metadata: Synergistic Solutions for Integrated Access to Distributed Global Resources.** Keynote Speaker. The Second Asian Digital Libraries Conference, Taipei, Taiwan. November 8-9, 1999.
- Considerations for the ROC's Government Information Locator Services: Lessons from the U.S. GILS Experience.** Invited Speaker. The Department of Government Publications Management. Research, Development, and Evaluation Commission. Republic of China.Taipei, Taiwan. November 10, 1999.
- The Z Texas Profile: Improving Z39.50 Interoperability with a Focus on User Requirements.** Invited Speaker. Access99, Guelph, Ontario. October 25-26, 1999.
- Z Texas Profile: The Texas Z39.50 Requirements & Specifications Project.** Invited Speaker. The State Library of Illinois and the Pipe Group. Chicago, IL. October 18, 1999.
- 21st Century Access to Knowledge: Metadata & Z39.50.** Speaker. SLIS Academic Homecoming. Denton, TX. October 1, 1999.
- Z39.50 and the Z Texas Profile.** Invited Speaker. UNT Willis Library Staff, Denton, TX, June 1999.
- The Next Wave of Z39.50 Implementation: Informed by Evaluation.** Refereed Panel Organizer and Moderator. American Society for Information Science Mid-Year Meeting, Pasadena, CA. May 24-26, 1999.
- Informed by Evaluation: The Z Texas Profile.** Refereed Panel Presentation. American Society for Information Science Mid-Year Meeting, Pasadena, CA. May 24-26, 1999.
- Will Z Texas Fly? Texas Library Association Conference.** Panel Organizer and Moderator. Dallas, Texas. April 21, 1999.
- Basics of Z39.50.** Invited Workshop Organizer and Speaker. Texas Library Association Preconference. Dallas Texas. April 20, 1999.
- An Introduction to Z39.50: Information Retrieval for Global Information Infrastructure.** Invited Workshop Organizer and Speaker. Idaho State Library. February 8, 1999.
- Z39.50 and Texas.** Invited Speaker. Northeast Texas Library System Membership Meeting. Garland, TX. December 15, 1998.
- Using Distributed Learning Technologies in SLIS 5200.** Invited Speaker (with Dr. Linda Chamber). Center for Distributed Learning Brown Bag Series. Denton, TX. October 1, 1998.
- NISO's Vendor Forum on Library Systems: Current Developments and Future Directions, A Study by Leigh Watson Healy.** Invited Reactor. Washington, DC. June 26, 1998.

- Z39.50: Crossing All Platforms—An Introduction for Librarians.** Invited Workshop Organizer and Speaker. The Texas State Library Z39.50 Workshop Series held in May 1998 at Dallas, Fort Worth, Houston, and San Antonio. May 1998.
- Descriptive and Empirical Methods for Policy Analysis: An Example from the Evaluation of the Government Information Locator Service (GILS).** Speaker. UNT SLIS Ph.D. Colloquium, May 15, 1998.
- Metadata Quality Issues with Special Reference to the GILS Experience.** Invited, Refereed Paper/Presentation. IEEE Advanced in Digital Libraries Conference. Santa Barbara, CA. April 22–24, 1998.
- Standards Development for Digital Libraries & the Networked Environment.** Invited Lecturer. Digital Library Seminar with Dr. Stuart Sutton, School of Information Studies, Syracuse University. Syracuse, NY. April 8, 1998.
- Z39.50: A Basic Introduction.** Invited Speaker. Gateway to Educational Materials (GEM). ERIC Clearinghouse on Information and Technology, Syracuse, NY. April 7, 1998.
- A Z39.50 Overview.** Invited Speaker. Z39.50 Biological Collections Implementors Group, University of Kansas, Lawrence, KS. April 27–28, 1998.
- Z39.50: Delivering Integrated Access to Information.** Invited Speaker. Ralph W. Steen Library Staff, Stephen F. Austin State University. Nacogdoches, TX. February 23, 1998.
- A Case Study in Standards Evolution: Preliminary Results and Findings from an Examination of NISO Z39.50.** Invited Speaker. National Information Standards Organization Board of Directors Meeting. New Orleans, LA. January 8, 1998.
- The CIMI Z39.50 Interoperability Testbed: Z39.50 Search and Retrieval of Cultural Heritage Information.** Invited Speaker. National Endowment for the Humanities. Program Officers. Washington, DC. December 16, 1997.
- Assessing the Government Information Locator Service (GILS): A Multi-method Approach for Evaluating Networked Services.** Refereed Paper/Presentation (delivered by Charles R. McClure). American Society for Information Science Annual Meeting. Washington, DC. November 1–6, 1997.
- Evaluation of the Government Information Locator Service.** Briefing Session. Coalition for Networked Information Fall Task Force Meeting. Minneapolis, MN. October 26–27, 1997.
- Distributed Searching of Museum and Bibliographic Information: An Update on CIMI's International Z39.50 Testbed.** Briefing Session. Coalition for Networked Information Fall Task Force Meeting. Minneapolis, MN. October 26–27, 1997.
- The Government Information Locator Service.** Invited Speaker. Chief Officers of State Library Agencies 1997 Continuing Education Session. Boise, ID. October 19, 1997.
- The CIMI Z39.50 Interoperability Testbed: Z39.50 Search and Retrieval of Cultural Heritage Information.** Invited Speaker. Museum Computer Network Conference. October 15–18, 1997.
- The Role of Content Analysis in Evaluating Metadata for the U.S. Government Information Locator Service (GILS): Results from an Exploratory Study.** Refereed Paper/Presentation. Second IEEE Metadata Conference. Silver Spring, MD. September 16–17, 1997.
- The CIMI Z39.50 Interoperability Testbed.** Invited Speaker. Z39.50 Implementors Group (ZIG) Tutorial on Z39.50. Copenhagen, Denmark. August 19–20, 1997.
- Public Access: Privacy and Security Issues in Public Libraries.** Panel Moderator. ASIS Mid-Year Meeting. Scottsdale, AZ. June 2–4, 1997.
- The Government Information Locator Service: Preliminary Results.** Invited Speaker. AHE/NORDOC (North Texas Government Documents Librarians) Meeting. Arlington, TX. May 1, 1997.
- Z39.50 Revisited: Opportunities, Issues, and Implications.** Invited Speaker. The Eleventh Texas Conference on Library Automation. Houston, TX. April 25–26, 1997.
- Evaluating Internet-based Services: The Government Information Locator Service (GILS).** Speaker. Evaluation of Networked Services in Public Libraries Preconference, Texas Library Association. Fort Worth, TX. April 8, 1997.
- The Government Information Locator Service (GILS): Preliminary Results.** Invited Speaker. Government Information Locator Service Special Interest Group. Washington, DC. April 1997.
- Z39.50 and Distributed Access to Museum Information.** Invited Speaker. Museum Computer Network Conference. Ottawa, Canada. October 29–November 1, 1996.
- The Use of Z39.50 in the CIMI Profile: Z39.50 Profile for Museum Collections.** Invited Speaker. CIMI Vendor/Implementor Forum, Museum Computer Network Conference, Ottawa, Canada. October 30, 1996.
- The CIMI Consortium: What It Is and What It Does and The CIMI Profile: Z39.50 Profile for Museum Collections.** Invited Speaker. CIMI Implementors Meeting & Briefing, Brussels, Belgium. October 6, 1996.



- Understanding Information Technology Standards Development: A Systems-Theoretic Conceptual Model Based on a Case Study of ANSI/NISO Z39.50.** Presentation at UNT/SLIS Ph.D. Colloquium, Denton, TX. June 14, 1996.
- Cultural Heritage Information Online: Demonstrating Seamless Access to Distributed Cultural Heritage Museum Information.** Refereed Poster Session. Digital Libraries '96: First ACM International Conference on Digital Libraries. Bethesda, MD. March 20–23, 1996.
- Developing Regulations and Standards and Standards for Information Sharing. Information Technology Update: Understanding Information Technology Regulations and Standards and Putting Them to Work.** Invited Speaker. Federal Library and Information Center Committee, Library of Congress. Washington, DC. September 12, 1995.
- The Government Information Locator Service (GILS): Discovering, Identifying, and Accessing Spatial Data.** Invited Speaker. 32nd Annual Clinic on Library Applications of Data Processing. Champaign, IL. April 2–4, 1995.
- The Beginnings of a Conceptual Framework for Inquiry into the Diversity of Communications Behaviors and Content in a Globally Networked Environment.** Refereed Paper/Presentation (prepared with Michael S. Nilan, Professor). International Communication Association Annual Conference. Sydney, Australia. July 11–15, 1994.
- The Government Information Locator Service.** Invited Speaker. E–Media 94 Conference. Washington, DC. January 21, 1994.
- Using Z39.50 in an Application for the Government Information Locator Service (GILS): A Report on a Research Project.** Briefing Session. Coalition for Networked Information Spring Task Force Meeting. Washington, DC. April 5, 1994.
- Academic Libraries and the Impact of the Internet/NREN: Key Issues and Findings.** Refereed Paper/Presentation. American Society for Information Science Annual Meeting. Columbus, OH. October 24–28, 1993.
- Information Technology Standards in the Federal Government: Components of Federal Information Policy.** Refereed Paper/Presentation. American Society for Information Science Annual Meeting. Columbus, OH. October 24–28, 1993.
- Networked Resources: Navigation Tools and Organization for Effective Use.** Invited Speaker. State University of New York Librarians Association 25th Annual Conference. Binghamton, NY. June 11, 1993.
- Organizing Networked Resources: Classification and Navigation Tools.** Invited Speaker. Document Delivery & Libraries / Internet & Libraries Conference. Philadelphia, PA. December 7–8, 1992.
- Identifying and Describing Federal Information Inventory/Locator Systems: Preliminary Findings and Key Issues.** Refereed Paper/Presentation. American Society for Information Science Annual Meeting. Pittsburgh, PA. October 26–29, 1992.
- Organizing Networked Resources for Effective Use: Classification and Other Issues in Developing Navigational Tools.** Refereed Paper/Presentation. American Society for Information Science MidYear Meeting. Albuquerque, NM. May 27–20, 1992.
- Dictionary of Data Elements for Online Information Resources.** Invited Paper. Coalition for Networked Information Meeting, Developing a Framework for Network Directories and Related Services. Stanford, CA. June 2–3, 1991.
- Linked Systems Project Update.** Briefing Session. NACO Participants Discussion Group, ALA Annual Conference. Chicago, IL. 1990.
- Telecommunications Aspects of the Remote Online LOCIS User Pilot (ROLLUP).** Briefing Session. Library of Congress Online Users Group. Washington, DC. 1989.
- Preliminary Findings from the Library and Information Science Students' Attitudes, Demographics, and Aspirations Survey (LISSADA).** Invited Speaker. Office for Library Personnel Resources Preconference on Recruitment. New Orleans, LA. June 1988.

---

## ***CURRENT AND RECENT SCHOLARLY & PROFESSIONAL ACTIVITIES***

- Member.** Helping Interdisciplinary Vocabulary Engineering (HIVE) Advisory Board. (University of North Carolina, Chapel Hill. 2008-2011.
- Member.** Train to Share Project Advisory Board. (Texas State Library and Archives Commission). 2008-2011.
- Member.** Library and Information Science Research. 2009- .

**Member.** Journal of Library Metadata Editorial Board, 2009- .

**Member.** UNT's Center for the Study of Interdisciplinarity. 2008 - .

**Co-Coordinator.** Digital Repository Infrastructure Planning Working Group. 2008-2010.

#### **Program Committees**

- International Society for Knowledge Organization. 2008.
- Dublin Core Conference. 2003, 2004, 2008, 2009.

**Chair.** Texas Digital Library Metadata Working Group. 2007-2008.

**Member.** Dublin Core Metadata Kernel Task Group. 2006-.

**Fellow.** Texas Center for Digital Knowledge, University of North Texas. 2001-present.

**Member.** Library and Information Science Research. 2009- .

**Member.** Journal of Library Metadata Editorial Board, 2009- .

**Member.** International Journal of Metadata, Semantics and Ontologies. 2004-present.

**Member.** Government Information Quarterly Editorial Board. 2001-2009.

**Institute of Museum and Library Services Review Panel Member.** April 2005, April 2006. Review panel for the IMLS Research and Demonstration proposals.

**National Science Foundation Review Panel Member.** May 2003, May 2005,. Review panel for the National Science Digital Library proposals.

**Chair.** National Information Standards Organization Standards Committee AV. 2000-2004.

**Acting Chair.** International Z39.50 Implementors Group. 2000-2004.

**Bath Profile Editorial Team Member and Profiling Group Member.** 1999-2002.

**Facilitator and Advisor.** 1998–2002. Z Texas Project: The Texas Z39.50 Implementors Group Profiling Project.

**Team Member.** 1997–1998. Electronic Natural History Museum Reinvention Laboratory Team. A U.S. government strategic planning initiative for an electronic natural history museum.

**Project Manager.** 1995–1999. Consortium for the Computer Interchange of Museum Information (CIMI) Project CHIO Access, CIMI Z39.50 Profile development, and Z39.50 Interoperability Testbed. Funded by National Endowment for the Humanities.

**Moderator.** 1994–1998. Founding moderator of the GILS Forum, an online discussion group for the Government Information Locator Service (GILS).

---

#### ***PROFESSIONAL MEMBERSHIP AND SERVICE***

American Library Association (1987–present);

ALA Office for Library Personnel Resources Advisory Committee (1989–1992).

American Society for Information Science (1990–present);

ASIS/ISI Doctoral Dissertation Scholarship Review Committee (1997);

ASIS Standards Committee (1994–1996; 1998–2000).

Association for Computational Machinery (1993–present).

Association for Library and Information Science Education (1993–present).

Electronic Frontier Foundation (1992–1995).

IEEE Computer Society (1996–2001)

Internet Society (1992–1996).

Montana State Library Advisory Council (1985–86).

Texas Library Association (1997–present).

---

#### ***AWARDS & HONORS***

**University of North Texas, Faculty Development Leave.** Fall 2006.

**Frederick G. Kilgour Award for Research in Library and Information Technology.** Library and Information Technology Association (LITA) and OCLC Online Computer Library Center. 2005.

**Developing Scholar Award.** University of North Texas. August 2000.

**Distributed Learning Service Recognition.** University of North Texas, Center for Distributed Learning. December 13, 1999.

**Doctoral Research Award.** Syracuse University. May 1999.

**Institute for Scientific Information (ISI)/American Society for Information Science (ASIS) Doctoral Dissertation Scholarship.** 1995.

**School of Information Studies Scholarship.** Syracuse University. 1994.

**Outstanding Teaching Assistant Award.** Syracuse University. 1993.

**Summer Fellowship.** Syracuse University. 1993.

**Syracuse University Fellowship.** Syracuse University. 1993.

**Graduate Teaching Assistantship.** Syracuse University. 1992.

**Special Achievement Award.** Library of Congress. 1991.

**Syracuse University Fellowship.** Syracuse University. 1991.

**Meritorious Service Award.** Library of Congress. 1990.

**Meritorious Service Award.** Library of Congress. 1989.

**Beta Phi Mu Honor Society.** 1988.

**Library of Congress Intern Program Participant.** 1988.

**Travel Grant for 1988 ALA Midwinter Meeting.** School of Library and Information Science, Louisiana State University. 1988.

**Nettie P. Wilson Scholarship.** School of Library and Information Science, Louisiana State University. 1987.

**Tuition Scholarship/Graduate Assistantship.** School of Library and Information Science, Louisiana State University. 1987.

**Graduated with Honors.** University of Montana. 1987.

---

***ORGANIZATIONAL SERVICE***

**University of North Texas**

2011

University of North Texas: Council of Associate Deans for Research (CADRE).

University of North Texas: Information Technology Council.

College of Information: Texas Center for Digital Knowledge (Director)

2010

University of North Texas: Council of Associate Deans for Research (CADRE).

University of North Texas: Information Technology Council.

College of Information: Texas Center for Digital Knowledge (Director)

2009

University of North Texas: Council of Associate Deans for Research (CADRE).

University of North Texas: Information Technology Council.

University of North Texas: UNT Research Council.

College of Information: Texas Center for Digital Knowledge (Director)

College of Information: Director of Research

Department of Library and Information Sciences: Personal Affairs Committee

Department of Library and Information Sciences: Ad Hoc Committee on Digital Knowledge Management Curriculum (Chair)

2008

University of North Texas: Council of Associate Deans for Research (CADRE).

University of North Texas: Information Technology Council.

University of North Texas: UNT Research Council.

College of Information: Texas Center for Digital Knowledge (Director)

College of Information: Director of Research

Department of Library and Information Sciences: Student Affairs Committee

Department of Library and Information Sciences: Capstone Committee

Department of Library and Information Sciences: Personal Affairs Committee

Department of Library and Information Sciences: Promotion and Tenure Committee

Department of Library and Information Sciences: Ad Hoc Committee on Faculty Evaluation

Department of Library and Information Sciences: Ad Hoc Committee on Digital Knowledge Management Curriculum (Chair)

2007

School of Library Sciences and Information: Texas Center for Digital Knowledge (Director)

School of Library Sciences and Information: Ad Hoc Committee on Faculty Evaluation

School of Library Sciences and Information : Student Affairs Committee  
School of Library Sciences and Information: Capstone Committee  
School of Library Sciences and Information: Personal Affairs Committee  
School of Library Sciences and Information: Promotion and Tenure Committee  
Department of Library Sciences: Ad Hoc Committee on Faculty Evaluation  
Department of Library Sciences: Ad Hoc Committee on Digital Knowledge Management Curriculum (Chair)

2006

School of Library Sciences and Information: Texas Center for Digital Knowledge Interim Director, Executive Committee  
School of Library and Information Sciences: Advisory Committee for the Interdisciplinary Information Science PhD Program (Chair)  
School of Library and Information Sciences: Curriculum Committee (Co-Chair)  
School of Library and Information Sciences: Executive Committee (Co-Chair)  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: Design Team for SLIS 5200

2005

University of North Texas: Texas Center for Digital Knowledge Interim Director, Executive Committee  
School of Library and Information Sciences: Advisory Committee for the Interdisciplinary Information Science PhD Program (Chair)  
School of Library and Information Sciences: Curriculum Committee (Co-Chair)  
School of Library and Information Sciences: Executive Committee (Co-Chair)  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: COA Curriculum Working Group (Co-Chair)  
School of Library and Information Sciences: Enrollment Management Working Group

2004

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants  
University of North Texas: Texas Center for Digital Knowledge Interim Director, Executive Committee.  
School of Library and Information Sciences: Committee on Committees Committee (Chair)  
School of Library and Information Sciences: Curriculum Committee (Co-Chair)  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: COA Curriculum Working Group (Co-Chair)  
School of Library and Information Sciences: Enrollment Management Working Group

2003

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants (Chair)  
University of North Texas: Texas Center for Digital Knowledge Executive Committee.  
School of Library and Information Sciences: Committee on Committees Committee (Chair)  
School of Library and Information Sciences: Curriculum Committee  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: Design Team for SLIS 5200

2002

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants  
University of North Texas: Texas Center for Digital Knowledge organizing team.  
School of Library and Information Sciences: Information Technology Knowledge and Skills Committee (Chair)  
School of Library and Information Sciences: Committee on Committees Committee (Chair)  
School of Library and Information Sciences: Curriculum Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: PAC Coordinating Committee  
School of Library and Information Sciences: Design Team for SLIS 5200

2001

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants  
University of North Texas: Texas Center for Digital Knowledge organizing team.  
School of Library and Information Sciences: Ad Hoc Committee on Faculty Evaluation  
School of Library and Information Sciences: Computer Literacy Waiver Committee (Chair)  
School of Library and Information Sciences: Committee on Committees Committee  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: PAC Coordinating Committee  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: NISO Research Assistantship, Faculty supervisor

2000

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants  
University of North Texas: Texas Center for Digital Knowledge organizing team  
School of Library and Information Sciences: Ad Hoc Committee on Faculty Evaluation  
School of Library and Information Sciences: Computer Literacy Waiver Committee (Chair)  
School of Library and Information Sciences: Personnel Affairs Committee (PAC)  
School of Library and Information Sciences: PAC Coordinating Committee  
School of Library and Information Sciences: Ad Hoc Committee on Faculty Evaluation  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: SLIS Board of Advisor's Meeting (February 14, 2000)  
School of Library and Information Sciences: NISO Research Assistantship, Faculty supervisor

1999

University of North Texas: Faculty Senate Award Committee for Teaching Fellows and Teaching Assistants  
University of North Texas: Center for Distributed Learning Strategic Workshop, Participant  
School of Library and Information Sciences: Ad Hoc Committee on Faculty Evaluation  
School of Library and Information Sciences: Computer Literacy Waiver Committee (Chair)  
School of Library and Information Sciences: Curriculum Committee (Chair)  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: SLIS Board of Advisor's Meeting (2/15/1999)

1998

University of North Texas: Committee Web Course Management Evaluation Committee  
University of North Texas: Center for Distributed Learning Brown Bag Lunch Series (10/1/1998), Presenter  
School of Library and Information Sciences: Curriculum Committee (Chair)  
School of Library and Information Sciences: Computer Literacy Waiver Committee  
School of Library and Information Sciences: Facilities and Resources Committee  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: Ph.D. Retreat (5/5/1998)  
School of Library and Information Sciences: SLIS Board of Advisor's Meeting (2/13/1998)  
School of Library and Information Sciences: NISO Research Assistantship, Faculty supervisor  
School of Library and Information Sciences: ENHM Research Assistantship, Faculty supervisor  
School of Library and Information Sciences: CIMI Research Assistantship, Faculty supervisor

1997

School of Library and Information Sciences: Outcomes Assessment Accreditation Committee  
School of Library and Information Sciences: Comprehensive Examination Committee  
School of Library and Information Sciences: Curriculum Committee  
School of Library and Information Sciences: Design Team for SLIS 5200  
School of Library and Information Sciences: NISO Research Assistantship, Faculty supervisor  
School of Library and Information Sciences: ENHM Research Assistantship, Faculty supervisor

1996

School of Library and Information Sciences: Comprehensive Examination  
School of Library and Information Sciences: Curriculum Committee  
School of Library and Information Sciences: Student Affairs Committee  
School of Library and Information Sciences: Information Organization Curriculum Working Group  
School of Library and Information Sciences: NISO Research Assistantship, Faculty supervisor

**Syracuse University**

1994

School of Information Studies, Working Group on Ph.D. Program Changes.

1993

School of Information Studies, Working Group on Ph.D. Program Changes (convener).

1992

School of Information Studies, Personnel Committee, Ph.D. student representative.

**Library of Congress**

1989-1991

Library of Congress Professional Association, Continuing Education Fund, member and chair.

**Louisiana State University**

1987-88

American Library Association Student Chapter, president.

---

***REFERENCES***

(Available upon request.)

[Last Updated August 2011]