

Curriculum Vitae of Linda Cheryl Smith

Professor Emerita and Interim Executive Associate Dean
School of Information Sciences
University of Illinois, Champaign, IL 61820-6211

ACADEMIC BACKGROUND

School of Information Studies
Syracuse University, Syracuse, NY, September 1975-August 1977
Ph.D. (Information Transfer), May 1979
Dissertation: "Selected Artificial Intelligence Techniques in Information
Retrieval Systems Research"
(<https://www.ideals.illinois.edu/items/123081>)

School of Information and Computer Science
Georgia Institute of Technology, Atlanta, September 1973-June 1975
M.S. (Information and Computer Science), March 1975

University College
Washington University, St. Louis, MO, September 1972-August 1973
Certificate in Systems and Data Processing, May 1974

Graduate School of Library Science
University of Illinois, Urbana-Champaign, June 1971-June 1972
M.S. (Library Science), June 1972

Allegheny College, Meadville, PA, September 1967-June 1971
B.S. Summa cum laude, June 1971
Major: Physics and Mathematics

HONORS

Illinois Library Association Illinois Library Luminary, 2019
Association for Library and Information Science Education (ALISE) Service Award,
2012
ALISE Award for Professional Contribution to Library and Information Science
Education, 2008
ALISE Award for Teaching Excellence, 1999
American Society for Information Science & Technology Award of Merit, 2010
ASIS Outstanding Information Science Teacher Award, 1987
ASIS Student Chapter-of-the-Year Award (co-faculty advisor), 1987
ASIS Doctoral Forum Participant, 1979
ASIS Student Member Paper Contest Award, 1974
Fellow, American Association for the Advancement of Science (elected 1993)
Beta Phi Mu Award, 2004
Isadore Gilbert Mudge--R.R. Bowker Award, Reference & User Services
Association, 2000
Sloan-C Award for the Most Outstanding ALN Program, 2001
UIUC Campus Award for Excellence in Off-Campus Teaching, 2007

UIUC Graduate College Award for Outstanding Mentoring of Graduate Students, 1998

LSAA Distinguished Alumna Award, 2005

GSLIS Centennial Scholar, 1996-97

Gold Citation from Allegheny College, 1990

List of Teachers Ranked as Excellent by Their Students, Fall 1978 (LIS 450M), Spring 1979 (LIS 469), Spring 1980 (LIS 302 and LIS 412), Spring 1981 (LIS 412), Spring 1982 (LIS 412), Spring 1983 (LIS 475), Fall 1983 (LIS 416 and LIS 431), Fall 1984 (LIS 431), Spring 1985 (LIS 412), Spring 1986 (LIS 412), Spring 1987 (LIS 412), Fall 1988 (LIS 412), Spring 1989 (LIS 431), Spring 1990 (LIS 412), Spring 1991 (LIS 412), Fall 1992 (LIS 412), Spring 1993 (LIS 412), Fall 1993 (LIS 412 and LIS 431), Spring 1994 (LIS 412), Fall 1996 (LIS 472), Spring 1997 (LIS 431), Spring 1998 (LIS 404), Fall 1998 (LIS 412), Spring 1999 (LIS 404), Spring 2000 (LIS 404), Fall 2000 (LIS 404), Spring 2001 (LIS 404), Spring 2001 (LIS 412), Fall 2001 (LIS 404), Fall 2002 (LIS 404), Spring 2003 (LIS 412), Fall 2003 (LIS 404), Spring 2004 (LIS 412), Spring 2005 (LIS 504), Spring 2006 (LIS 522), Spring 2007 (LIS 522), Fall 2012 (LIS 501), Spring 2013 (LIS 501), Fall 2013 (LIS 501), Fall 2014 (LIS 501), Spring 2015 (LIS 522), Fall 2015 (LIS 501), Fall 2016 (LIS 501), Fall 2018 (LIS 501), Spring 2019 (LIS 501)

Medical Library Association Rittenhouse Award, 1973

Beta Phi Mu

Phi Beta Kappa

Graduation honors, physics and mathematics

RECORD OF EMPLOYMENT

School of Information Sciences, University of Illinois, Champaign, IL.

Professor Emerita, July 2019-

Interim Executive Associate Dean, February 2020-

Executive Associate Dean, August 2017-June 2019

Associate Dean for Academic Programs, January 1997-August 2001, August 2003-August 2017

Interim Dean, August 2001-August 2003

Acting Dean, May 15, 1995-September 15, 1995

Professor, August 1994-June 2019

Distinguished Teacher/Scholar, August 1999-

Associate Professor, August 1983-August 1994

Assistant Professor, August 1977-August 1983

Teaching responsibilities:

LIS 302 Science Materials for Non-specialists (Fall 1977-1981)

LIS 320 Introduction to Information Sources and Services (Spring 1987-1988, Fall 1987)

LIS 404/504 Reference and Information Services (Fall 1991, 1993, Spring 1994; Fall 1997-2004 LEEP; Spring 2005, 2011-2012 LEEP)

- LIS 412/522 Scientific and Technical Literature and Reference Work/Information Sources and Services in the Sciences (Fall 1977-1990; 1992-1993; Spring 1982, 1988, 1990-1993, 1995, 1997-1998, 2000; Spring 2001, 2003-2004, 2006-2010, 2012, 2015 LEEP)
- LIS 416 Advanced Library Automation (Spring 1978, Spring 1983) (Including instruction in PL/I programming)
- LIS 431 Online Information Systems (Spring 1983-1984, 1986-1987; Fall 1988-1990; Summer 1990; Spring 1992-1993, 1995; Fall 1995-1996)
- LIS 445 Vocabulary Control of Information Retrieval (Spring 1979)
- LIS 450AH Advanced Information Science (Fall 1985)
- LIS 450M Online Information Systems (Spring 1978-1980, 1982; Summer 1981)
- LIS 469 Principles of Research Methods (Fall 1978) (For Ph.D. students)
- LIS 472 The Bibliographic Organization of Information and Library Materials (Spring 1982, 1984, 1986, 1994, 1996) (For Ph.D. students)
- LIS 475 Seminar in Library and Information Science (Fall 1982, 1984, 1986; Spring 1984) (For Ph.D. students)
- LIS 490 Reading Group and Proseminar in Library and Information Science (Spring 1999) (For Ph.D. students)
- LIS 501 Information Organization and Access (Fall 2005-2018 LEEP; Spring 2013-2019 LEEP)

Institute for Language Technology and Artificial Intelligence, Tilburg University (Katholieke Universiteit Brabant), Tilburg, The Netherlands. Visiting Fellow, September 1994-December 1994 [while on sabbatical leave]

Institutionen för datavetenskap (Department of Computer and Information Science), Linköping University, Linköping, Sweden.

Gästprofessor (Visiting professor), February 1985-June 1985 [while on sabbatical leave];

Gästforskare (Visiting researcher), January 1989-June 1989 [while on leave of absence]

Teaching responsibility:

Doctoral course on Information Retrieval and Artificial Intelligence (Spring 1985)

Computing Services Office, University of Illinois, Urbana, IL. Faculty visitor, January 1991-May 1991.

Information Retrieval Research Laboratory, Coordinated Science Laboratory, University of Illinois, Urbana, IL.

Research Professor, August 1994-2014

Research Associate Professor, August 1983-August 1994

Research Assistant Professor, August 1979-August 1983

Library, Georgia Institute of Technology, Atlanta, GA.

Literature searcher, Information Exchange Center, January 1974-July 1975

Medical Library, Washington University, St. Louis, MO.

SDI assistant, July 1972. Interlibrary loan assistant, August 1972.

Trainee in computer librarianship, September 1972-August 1973.

PUBLICATIONS:

Journal articles, books, and chapters in books:

- Smith, L.C. "Interdisciplinary Searching as a Use Case for Vocabulary Mapping." In: Lykke, M.; Svarre, T.; Skov, M.; Martinez-Avila, D., eds. *Knowledge Organization at the Interface: Proceedings of the Sixteenth International ISKO Conference, 2020, Aalborg, Denmark*. Baden-Baden, Germany: Ergon Verlag, 2020, 428-435.
- Smith, L.C. Chapters in *Reference and Information Services: An Introduction*. 6th ed. Edited by Melissa A. Wong and Laura Saunders. Santa Barbara, CA: Libraries Unlimited, 2020. "Foreword," ix-x; Chapter 20. "Bibliographic Sources," 415-432; Chapter 22. "Indexes and Abstracts," 464-486.
- Smith, L.C. "Preface." In Zabel, D.; Reiter, L., eds. *Envisioning the Future of Reference: Trends, Reflections, and Innovations*. Santa Barbara, CA: Libraries Unlimited, 2020, ix-x.
- Abels, E.G.; Howarth, L.C.; Smith, L.C. "Transforming Library and Information Science Education by Design." *Advances in Librarianship* 44A: 71-89, 2018.
- Smith, L.C. "Reference Services." In *Encyclopedia of Library and Information Sciences*, 4th ed. Taylor & Francis, 2017, 3912-3919.
- Smith, L.C.; Wong, M.A., eds. *Reference and Information Services: An Introduction*. 5th ed. Santa Barbara, CA: Libraries Unlimited, 2016. 881p.
- Abels, E.G.; Howarth, L.C.; Smith, L.C. "Envisioning Our Information Future and How to Educate for It." *Journal of Education for Library and Information Science* 57(2): 84-93, 2016.
- Smith, L.C. "Who, What and How? Commentary on Chen, F. N. (1963) The Teaching of Reference in American Library Schools, *Journal of Education for Librarianship*, 3(3), 188-198." *Journal of Education for Library and Information Science* 56(1): 50-52, January 2015.
- Bopp, R.E.; Smith, L.C., eds. [Korean Translation of *Reference and Information Services: An Introduction*. 4th ed.] Seoul, Korea: Goeungeulteo, Inc. [Good Writing], 2014. 577p.
- Smith, L.C. "'Speaking Volumes': Cuadra, Williams, Cronin and the Evolution of the *Annual Review of Information Science and Technology*." In: Carbo, T.; Hahn, T. B., eds. *International Perspectives on the History of Information Science and Technology: Proceedings of the ASIS&T 2012 Pre-Conference on the History of ASIS&T and Information Science and Technology*. Medford, NJ: Information Today, 2012, 18-29.
- Zhang, H.; Smith, L.C.; Twidale, M.B.; Gao, F.H. "Seeing the Wood for the Trees: Enhancing Metadata Subject Elements with Weights." *Information Technology and Libraries* 30(2): 75-80, June 2011.
- Schisa, K.; McKinney, A.; Faires, D.; Kingma, B.; Montague, R.-A.; Smith, L.C.; Sterna, M. "Web-based Information Science Education: Leveraging the Power of the Network to Re-Define the Global Classroom." In: *Higher Education, Emerging Technologies, and Community Partnerships: Concepts, Models and Practices*. Hershey, PA: Information Science Reference, 2011, 164-181.

- Bopp, R.E.; Smith, L.C., eds. *Reference and Information Services: An Introduction*. 4th ed. Santa Barbara, CA: Libraries Unlimited, 2011. 743p.
- Smith, L.C. "Preface." In Zabel, D., ed. *Reference Reborn: Breathing New Life into Public Services Librarianship*. Santa Barbara, CA: Libraries Unlimited, 2011, ix-x.
- Smith, L.C. "ASIS&T Award of Merit Acceptance Speech." *Bulletin of the American Society for Information Science and Technology* 37(2): 11-12, December 2010/January 2011.
- Smith, L.C. "Association for Library and Information Science Education." *Library and Book Trade Almanac*, 55th ed. Medford, NJ: Information Today, 2010, 231-236.
- Smith, L.C. "Portrait: ALISE—Association for Library and Information Science Education." *IFLA SET Bulletin* 11(2): 8-9, July 2010.
- Smith, L.C.; Tenopir, C. "Martha E. Williams: Pioneer Information Scientist and Online Industry Guru." *Libraries and the Cultural Record* 45(2): 185-209, 2010.
- Smith, L.C. "Reference Services." In *Encyclopedia of Library and Information Sciences*, 3rd ed. Boca Raton, FL: CRC Press, 2010, 4485-4491.
- Smith, L.C. "From Foundation to Federal Funding: The Impact of Grants on Education for Library and Information Science." *Advances in Librarianship* 31: 141-165, 2008.
- Stvilia, B.; Twidale, M.B.; Smith, L.C.; Gasser, L.G. "Information Quality Work Organization in Wikipedia." *Journal of the American Society for Information Science and Technology* 59(6): 983-1001, 2008.
- Stvilia, B.; Gasser, L.; Twidale, M.B.; Smith, L.C. "A Framework for Information Quality Assessment." *Journal of the American Society for Information Science and Technology* 58(12): 1720-1733, 2007.
- Smith, L.C. "New Models of Recruitment and (Continuing) Education for Sci-Tech Librarianship." *Science & Technology Libraries* 27(1/2): 173-184, 2006.
- Lesht, F.L.; Montague, R.-A.; Page, V.J.; Shaik, N.; Smith, L.C. "Online Program Assessment: A Case Study of the University of Illinois at Urbana-Champaign Experience." In: Williams, D. D.; Howell, S. L.; Hricko, M., eds. *Online Assessment and Measurement: Emerging Practices*. Hershey, PA: Information Science Publishing, 2006, 92-108.
- Lankes, R.D.; Janes, J.; Smith, L.C.; Finneran, C.M., eds. *The Virtual Reference Experience: Integrating Theory into Practice*. New York: Neal-Schuman, 2004. 289p.
- Montague, R.-A.; Smith, L.C. "Faculty Perspectives." In: Haythornthwaite, C.; Kazmer, M.M., eds. *Learning, Culture and Community in Online Education: Research and Practice*. New York: Peter Lang, 2004, 215-227.
- Smith, L.C. "Education for Digital Reference Services." In: Lankes, R. D.; Nicholson, S.; Goodrum, A., eds. *The Digital Reference Research Agenda*. Chicago: Association of College and Research Libraries, 2003, 148-176.

- Kanjilal, U.; Smith, L.C. "Multimedia Courseware on Total Quality Management for Continuing Professional Education." In: Savard, R., ed. *Education and Research for Marketing and Quality Management in Libraries*. Munich: K.G. Saur, 2002, 117-125.
- Smith, L.C. "Bush, Vannevar (1890-1974)." In *Encyclopedia of Communication and Information*. New York: Macmillan Reference USA, 2002, 88-89.
- Smith, L.C. "Price, Derek John de Solla (1922-1983)." In *Encyclopedia of Communication and Information*. New York: Macmillan Reference USA, 2002, 737-739.
- Smith, L.C.; Lastra, S.; Robins, J. "Teaching Online: Changing Models of Teaching and Learning in LEEP." *Journal of Education for Library and Information Science* 42(4): 348-363, Fall 2001.
- Smith, L.C. "Technologies for E-Learning." *Informant* 65(5): 17, 19, May 2001.
- Bopp, R.E.; Smith, L.C., eds. *Reference and Information Services: An Introduction*. 3rd edition. Englewood, CO: Libraries Unlimited, 2001. 617p.
- Smith, L.C. "Subject Access in Interdisciplinary Research." In: Wheeler, W., ed. *Saving the Time of the Library User Through Subject Access Innovation: Papers in Honor of Pauline Atherton Cochrane*. Champaign, IL: Graduate School of Library and Information Science, 2000, 100-113.
- Smith, L.C. "Track 1: Knowledge Discovery, Capture and Creation." *Bulletin of the American Society for Information Science* 26(2): 11-12, December/January 2000.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 14)." *Online & CDROM Review* 23(4): 215-224, August 1999.
- Smith, L.C. "Journal of the American Society for Information Science (JASIS): Past, Present and Future." *Journal of the American Society for Information Science* 50(11): 965-969, 1999.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 13)." *Online & CDROM Review* 23(1): 19-34, 1999.
- Smith, L. C. "Education for Health Sciences Librarians: Past, Present and Future Possibilities." In: Bakker, S., ed. *Libraries without Limits: Changing Needs—Changing Roles: Proceedings of the 6th European Conference of Medical and Health Libraries, Utrecht, 22-27 June 1998*. Dordrecht: Kluwer, 1999, 265-268.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 12)." *Online & CDROM Review* 22(4): 263-274, August 1998.
- Smith, L.C. "Education for Health Sciences Librarianship." *Science & Technology Libraries* 17(2): 59-80, 1998.
- Smith, L.C. "Defining the Role of Information Science." In: Roy, L.; Sheldon, B. E., eds. *Library and Information Studies Education in the United States*. London: Mansell, 1998, 119-139.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 11)." *Online & CDROM Review* 22(2): 81-98, 1998.

- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 10)." *Online & CD ROM Review* 21(4): 223-232, August 1997.
- Bonn, G.S.; Smith, L.C. "Literature of Science and Technology." In: *McGraw-Hill Encyclopedia of Science and Technology*, 8th ed. New York: McGraw Hill, 1997, vol. 10, 139-145.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 9)." *Online & CD-ROM Review* 21(1): 15-24, 1997.
- Smith, L.C. "Interdisciplinary Multiinstitutional Alliances in Support of Educational Programs for Health Sciences Librarians." *Bulletin of the Medical Library Association* 84(4): 560-568, October 1996.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology, Medicine (Issue 8)." *Online & CD-ROM Review* 20(4): 185-196, 1996.
- Smith, L.C.; Gluck, M., eds. *Geographic Information Systems and Libraries: Patrons, Maps and Spatial Information; papers presented at the 1995 Clinic on Library Applications of Data Processing, April 10-12, 1995*. Urbana-Champaign, IL: Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1996. 240p.
- Smith, L.C.; Carter, R.C., eds. *Technical Services Management, 1965-1990: A Quarter Century of Change and a Look to the Future*. New York: Haworth Press, 1996. 370p.
- Lancaster, F.W.; Ulvila, J.W.; Humphrey, S.M.; Smith, L.C.; Allen, B.; Herner, S. "Evaluation of Interactive Knowledge Based Systems: Overview and Design for Empirical Testing." *Journal of the American Society for Information Science* 47(1): 57-69, 1996.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 7)." *Online & CDROM Review* 20(1): 21-30, 1996.
- Bopp, R.E.; Smith, L.C., eds. *Reference and Information Services: An Introduction*. 2nd edition. Englewood, CO: Libraries Unlimited, 1995. 626p.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 6)." *Online & CDROM Review* 19(4): 211-218, August 1995.
- Smith, L.C. "De Elektronische Snelweg: Observations from a Sabbatical in The Netherlands." *The Informant* 59(5): 29-32, May 1995.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 5)." *Online & CDROM Review* 19(1): 17-24, 1995.
- Smith, L.C. "Audio and Video Online." *Online & CDROM Review* 19(6): 347-351, 1995.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 4)." *Online & CDROM Review* 18(4): 241-251, 1994.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 3)." *Online & CDROM Review* 18(1): 27-36, 1994.

- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 2)." *Online & CDROM Review* 17(4): 227-235, 1993.
- Smith, L.C.; Dalrymple, P.W., eds. *Designing Information: New Roles for Librarians; papers presented at the 1992 Clinic on Library Applications of Data Processing, April 5-7, 1992*. Urbana-Champaign, IL: Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1993. 222p.
- Smith, L.C. "Computerized Front-ends in Retrieval Systems." In: *Expanding Access to Science and Technology: The Role of Information Technologies*. Tokyo, Japan: The United Nations University, 1994, 156-171.
- Williams, M.E.; Smith, L.C. "New Database Products: Science, Technology and Medicine (Issue 1)." *Online & CDROM Review* 17(1): 29-35, 1993.
- Smith, L.C. "Interdisciplinarity: Approaches to Understanding Library and Information Science as an Interdisciplinary Field." In: Vakkari, P.; Cronin, B., eds. *Conceptions of Library and Information Science: Historical, Empirical and Theoretical Perspectives*. London: Taylor Graham, 1992, 253-267.
- Smith, L.C. "UNISIST Revisited: Compatibility in the Context of Collaboratories." In: Williamson, N. J.; Hudon, M., eds. *Classification Research for Knowledge Representation and Organization; Proceedings of the 5th International Study Conference on Classification Research, Toronto, Canada, June 24-28, 1991*. Amsterdam: Elsevier, 1992, 337-344.
- Smith, L.C. "From Mechanization in Libraries to Information Transfer: Information Science Education at Illinois." In: Allen, W. C.; Delzell, R. F., eds. *Ideals and Standards: The History of the University of Illinois Graduate School of Library and Information Science, 1893-1993*. Urbana-Champaign, IL: Graduate School of Library and Information Science, 1992, 134-156.
- Bonn, G.S.; Smith, L.C. "Literature of Science and Technology." In: *McGraw-Hill Encyclopedia of Science and Technology*, 7th ed. New York: McGraw-Hill, 1992, vol. 10, 128-134.
- Smith, L.C. "Memex as an Image of Potentiality Revisited." In: Nyce, J. M.; Kahn, P., eds. *From Memex to Hypertext: Vannevar Bush and the Mind's Machine*. Boston, MA: Academic Press, 1991, 261-286.
- Lancaster, F. W.; Smith, L.C., eds. *Artificial Intelligence and Expert Systems: Will They Change the Library?, papers presented at the 1990 Clinic on Library Applications of Data Processing, March 25-27, 1990*. Urbana-Champaign, IL: Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1992. 291p.
- Smith, L.C. "From Data Processing to Knowledge Engineering: The Impact of Automation on Public Services." In: Siegel, M. A., ed. *Design and Evaluation of Computer/Human Interfaces: Issues for Librarians and Information Scientists; papers presented at the 1988 Clinic on Library Applications of Data Processing, April 17-19, 1988*. Urbana, IL: Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1991, 3-25.
- Bopp, R.E.; Smith, L.C., eds. *Reference and Information Services: An Introduction*. Englewood, CO: Libraries Unlimited, 1991. 483p. [Also translated into Spanish]

- Smith, L.C. "Wholly New Forms of Encyclopedias': Electronic Knowledge in the Form of Hypertext." In: Koskiala, S.; Launo, R., eds. *Information * Knowledge * Evolution: Proceedings of the forty-fourth FID Congress held in Helsinki, Finland, 28 August — 1 September 1988*. Amsterdam: North Holland, 1989, 245-250. (FID Publication 675)
- Smith, L.C. "Artificial Intelligence: Relationships to Research in Library and Information Science." *Journal of Education for Library and Information Science* 30(1): 55-56, Summer 1989.
- Smith, L.C., ed. *Questions and Answers: Strategies for Using the Electronic Reference Collection; papers presented at the 1987 Clinic on Library Applications of Data Processing, April 5-7, 1987*. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1989. 208p.
- Smith, L.C. "Education for Sci-Tech Librarianship: Retrospect and Prospect." *Science & Technology Libraries* 8(1): 75-88, Fall 1987. [Also published in: *One Hundred Years of Sci-Tech Libraries: A Brief History*. New York: Haworth Press, 1988, 75-88.]
- Smith, L.C. "User-friendly Future: Applications of New Information Technology." In: *What is User Friendly? Papers presented at the 1986 Clinic on Library Applications of Data Processing, April 20-22, 1986*. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1987, 108-118.
- Smith, L.C. "Artificial Intelligence and Information Retrieval." *Annual Review of Information Science and Technology* 22: 41-77, 1987.
- Bonn, G.S.; Smith, L.C. "Literature of Science and Technology." In: *McGraw-Hill Encyclopedia of Science and Technology*, 6th ed. New York: McGraw-Hill, 1987, vol. 10, 123-128.
- Smith, L.C. "Knowledge-based Systems, Artificial Intelligence, and Human Factors." In: *Information Technology as a Tool for Information Use*. London: Taylor Graham, 1986, 98-110.
- Smith, L.C. "Biblioteksvetenskap: A Perspective from Abroad." *Biblioteksbladet* 71 (6-7): 180-181, 1986.
- Smith, L.C. "Research Record: LIBLAB." *Journal of Education for Library and Information Science* 27(1): 53-54, Summer 1986.
- Williams, M.; Mischo, W.H.; Smith, L.C. "Project EXCEL Proposal: An experiment in student use of microcomputer interfaces to information retrieval systems." In: Thomas, S.E., ed. *End-User Searching Services*. Washington, DC: Office of Management Studies, Association of Research Libraries, March 1986, 3-11. (SPEC Kit 122)
- Stevens, R.E.; Smith, L.C. *Reference Work in the University Library*. Littleton, CO: Libraries Unlimited, 1986. 436p.
- Smith, L.C. "A Guide to Information Sources in Artificial Intelligence." *Science & Technology Libraries* 5(3): 79-100, Spring 1985.
- Smith, L.C. "Artificial Intelligence: A Selected Bibliography." *Journal of the American Society for Information Science* 35(5): 317-319, September 1984.

- Lunin, L.F.; Smith, L.C. "Artificial Intelligence: Concepts, Techniques, Applications, Promise: Introduction and Overview." *Journal of the American Society for Information Science* 35(5): 278-279, September 1984.
- Smith, L.C.; Warner, A.J. "A Taxonomy of Representations in Information Retrieval System Design." *Journal of Information Science* 8(3):113-121, 1984. [Also published in: *Representation and Exchange of Knowledge as a Basis of Information Processes, Proceedings of the Fifth International Research Forum on Information Science (IRFIS 5), Heidelberg, F.R.G., September 5-7, 1983, North-Holland, 1984, 31-49.*]
- Smith, L.C., ed. *Professional Competencies: Technology and the Librarian; papers presented at the 1983 Clinic on Library Applications of Data Processing, April 24-26, 1983*. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1983. 138p.
- Smith, L.C. "Machine Intelligence vs. Machine-Aided Intelligence in Information Retrieval: A Historical Perspective." In: *Research and Development in Information Retrieval, Proceedings, Berlin, May 18-20, 1982*, Springer-Verlag, 1983, 263-274.
- Smith, L.C., ed. *New Information Technologies—New Opportunities: papers presented at the 1981 Clinic on Library Applications of Data Processing, April 26-29, 1981*. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1982. 119p.
- Smith, L.C. "Citation Analysis." *Library Trends* 30(1): 83-106, Summer 1981.
- Smith, L.C. "Representation Issues in Information Retrieval System Design." *ACM SIGIR Forum* 16(1): 100-105, Summer 1981.
- Smith, L.C. "'Memex' as an Image of Potentiality in Information Retrieval Research and Development." In: *Information Retrieval Research*, Butterworths, 1981, 345-369.
- Smith, L.C. "Artificial Intelligence Applications in Information Systems." *Annual Review of Information Science and Technology* 15: 67-105, 1980.
- Smith, L.C. "Implications of Artificial Intelligence for End User Use of Online Systems." *Online Review* 4(4): 383-391, December 1980.
- Lancaster, F.W.; Smith, L.C. "On-Line Systems in the Communication Process: Projections." *Journal of the American Society for Information Science* 31(3): 193-200, May 1980.
- Brenner, L.P.; Huston-Miyamoto, M.; Self, D.A.; Self, P.C.; Smith, L.C. "User-computer Interface Designs for Information Systems: A Review." *Library Research* 2(1): 63-73, Spring 1980.
- Goldhor, H.; Smith, L.C. "Special Libraries Serving State Government Agencies." *Bowker Annual of Library and Book Trade Information*, 25th ed., 392-395, 1980.
- Lancaster, F.W.; Smith, L.C. "Science, Scholarship and the Communication of Knowledge." *Library Trends* 27(3): 367-388, Winter 1979.
- Smith, L.C. "Artificial Intelligence in Information Retrieval Systems." *Information Processing and Management* 12: 189-222, 1976.

McGill, M.J.; Smith, L.C.; Davidson, S.; Noreault, T. "Syracuse Information Retrieval Experiment (SIRE): Design of an Online Bibliographic Retrieval System." *ACM SIGIR Forum* 10(4): 37-44, Spring 1976.

Smith, L.C. "Systematic Searching of Abstracts and Indexes in Interdisciplinary Areas." *Journal of the American Society for Information Science* 25(6): 343-353, November-December 1974.

Smith, L.C. "The Medical Librarian and Computer-assisted Instruction." *Bulletin of the Medical Library Association* 62(1): 6-18, January 1974.

Conference papers:

Latham, D.; Burnett, K.; Smith, L.C.; Gengler, J.; Kazmer, M. "Crafting Resilient Futures by Looking to the Past: 25 Years of Online Learning at FSU and Illinois." *Association for Library and Information Science Education 2021 Conference Proceedings*. 3p.
<https://www.ideals.illinois.edu/items/118800>

Smith, L.C. "From Measurement and Evaluation to Data Analytics: Changes in Curriculum to Prepare Library Professionals." *Proceedings of the LibPMC International Conference on Performance Measurement in Libraries: Data and Analytics: Changing the Information Landscape*, Aberystwyth, Wales, 23-25 July 2019. 108-115.
<https://libraryperformance.files.wordpress.com/2020/06/libpmcproceedings2019.pdf>

Smith, L.C. "Artificial Intelligence in Information Retrieval: Forty Years On." *The Human Position in an Artificial World: Creativity, Ethics, and AI in Knowledge Organization, ISKO UK Sixth Biennial Conference Proceedings*, London, England, 15-16 July 2019, Ergon Verlag, 2019. 301-302.

Abels, E.G.; Howarth, L.C.; Smith, L.C. "Envisioning Our Information Future and How to Educate for It: A Community Conversation." *Association for Information Science and Technology Annual Meeting Proceedings*, 52, 2015. 3p.
<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/pr2.2015.14505201004>

Smith, L.C. "Procognitive Systems: J.C.R. Licklider's Vision for Library Systems of the Future." *Library History Seminar XIII*, 2015. 19p.
<https://www.ideals.illinois.edu/items/123707>

Neal, D.R.; Ratliff, J.A.; Smith, L.C.; Khanova, J. "ASIS&T Online Education Initiatives: Driving the Future." *Association for Information Science and Technology Annual Meeting Proceedings*, 49, 2012. 3p.
<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.14504901057>

Zhang, H.; Smith, L.C.; Twidale, M.B. "Four Epistemological Views of Information Organization Behavior on Personal Computers of Information Workers." *American Society for Information Science and Technology Annual Meeting Proceedings*, 47, 2010. 7p. <https://asistdl.onlinelibrary.wiley.com/doi/pdf/10.1002/meet.14504701139>

Kingma, B.; Nicholson, S.; Schisa, K.; Smith, L.C. "WISE+ Course Development Partnerships: Collaboration, Innovation & Sustainability." Paper presented at:

Cooperation and Collaboration in Teaching and Research: Trends in Library and Information Studies Education, *IFLA Satellite Meeting*, 8-9 August 2010, Borås, Sweden.

Buckland, M.; Alarcon, M.R.O.; Williams, R.V.; Lussky, J.; Ruffner, M.; Glenn, E.; Smith, L.C.; Tenopir, C.; Barlow, D.; Hahn, T.B. "Pioneering Women of the Information Age." *American Society for Information Science and Technology Annual Meeting Proceedings*, 45, 2008. 2p.

<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.2008.1450450142>

Ayers, P.; Cosley, D.; Hara, N. Shachaf, P., Smith, L.C.; Stvilia, B.; Twidale, M.B. "Understanding Information Work in Large-Scale Social Content Creation Systems." *American Society for Information Science and Technology Annual Meeting Proceedings*, 44, 2007. 4p.

<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.1450440126>

Lee, J.H.; Renear, A.; Smith, L.C. "Known-Item Search: Variations on a Concept." *American Society for Information Science and Technology Annual Meeting Proceedings*, 43, 2006. 17p.

<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.14504301126>

Kazmer, M.M.; Kingma, B.; Lester, J.; Smith, L.C. "Long-term Outcomes of Web-based Distance Learning Programs in LIS." *American Society for Information Science and Technology Annual Meeting Proceedings*, 43, 2006. 6p.

<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.14504301110>

Dillon, A.; Bruce, H.; Cloonan, M.; King, J.L.; Richardson, D.J.; Smith, L.C.; Thomas, J.; von Dran, R.F. "The i-School Movement." *American Society for Information Science and Technology Annual Meeting Proceedings*, 43, 2006. 4p.

<https://asistdl.onlinelibrary.wiley.com/doi/epdf/10.1002/meet.14504301131>

Stvilia, B.; Twidale, M.B.; Smith, L.C.; Gasser, L. "Assessing Information Quality of a Community-Based Encyclopedia." In: *Proceedings of the International Conference on Information Quality—ICIQ 2005*. Cambridge, MA: MIT, 2005, 442-454.

Stvilia, B.; Twidale, M.B.; Gasser, L.; Smith, L.C. "Information Quality in a Community-Based Encyclopedia." In: Hawamdeh, S., ed. *Proceedings of the 2005 International Conference on Knowledge Management*. Charlotte, NC: World Scientific Publishing Company, 2005, 101-113.

Mostafa, J.; Brancolini, K.; Smith, L.C.; Mischo, W.H. "Developing a Digital Library Education Program." *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries*, 2005, 427.

Smith, L.C. "Faculty Satisfaction in LEEP: A Web-Based Graduate Degree Program in Library and Information Science." In: *Online Education: Volume 2; Learning Effectiveness, Faculty Satisfaction, and Cost Effectiveness: Proceedings of the 2000 Sloan Summer Workshop on Asynchronous Learning Networks*. Needham, MA: Sloan Center for Online Education, 2001, 87-108.

Smith, L.C. "Discussant of Gregory Hislop's 'Working Professionals as Part-time On-line Learners'." In: *Online Education: Learning Effectiveness and Faculty Satisfaction: Proceedings of the 1999 Sloan Summer Workshop on Asynchronous Learning Networks*. Nashville, TN: Sloan Center for Online Education, 2000, 85-87.

- Smith, L. C.; Lastra, S. "Ready Reference on the Internet." *Proceedings of the 21st National Online Meeting*. Medford, NJ: Information Today, 2000, 399-405.
- Smith, L. C. "The Academic Library's Role in Distance Education." *Summary of Proceedings of the 53rd Annual Conference of the American Theological Library Association*. Evanston, IL: ATLA, 1999, 125-132.
- Kahn, P.; Nyce, J.M.; Oren, T.; Crane, G.; Smith, L.C.; Trigg, R.; Meyrowitz, N. "From Memex to Hypertext: Understanding the Influence of Vannevar Bush." *Hypertext 1991: Proceedings of the 3rd Annual ACM Conference on Hypertext*, 361.
- Björklund, L.; Olander, B.; Smith, L.C. "The Personal HYPERCATalog." *American Society for Information Science Annual Meeting Proceedings 26*: 115-120, 1989.
- Smith, L.C., comp. *Artificial Intelligence: Expert Systems and Other Applications; 1988 ASIS Mid-Year Meeting, May 15-18, 1988, Ann Arbor, Michigan; Abstracts of Papers*. Washington, DC: American Society for Information Science, 1988. 50p.
- Smith, L.C. "Machine Intelligence vs. Machine-Aided Intelligence as a Basis for Interface Design." In: *Proceedings of the Second Conference on Computer Interfaces and Intermediaries for Information Retrieval*. Alexandria, VA: Defense Technical Information Center, May 1986, 107-112. (DTIC/TR-86/5)
- Smith, L.C. "Summary of Plenary Workshops on Expert Knowledge Systems." In: *First Conference on Computer Interfaces and Intermediaries for Information Retrieval: Selected Papers*. Alexandria, VA: Defense Technical Information Center, May 1986, 92-94. (DTIC/TR-86/10; AD-A167 700)
- Williams, M.E.; Kinnucan, M.; Smith, L.C.; Lannom, L.; Cho, D. "Comparative Analysis of Online Retrieval Interfaces." *American Society for Information Science Annual Meeting Proceedings, 23*: 365-370, 1986.
- Williams, M.E.; Smith, L.C. "Information Science and Technology Forecasts and Fulfillment." *American Society for Information Science Annual Meeting Proceedings, 21*, 1984. 1p.
- Futrelle, R.P.; Smith, L.C. "Expert Systems Using Semantic Representations of Full Text for Question Answering." *American Society for Information Science Annual Meeting Proceedings, 19*: 103-106, October 1982.
- Smith, L.C. "Artificial Intelligence in Retrieval Systems as an Alternative to Human Intermediaries." *American Society for Information Science Midyear Meeting Proceedings 5*: 51-57, May 1976.

Reports on conferences:

- Smith, L.C., et al. "Annual UIUC Clinic Highlights Spatial and Cartographic Information Technology." *Library Hi Tech News* 126: 1-9, 21, October 1995.
- Smith, L.C.; Kaman, G.; Levinson, D.E. "29th Annual Clinic on Library Applications of Data Processing: 'Designing Information: New Roles for Librarians.' Parts 1 and 2." *Library Hi Tech News* 96: 6-8, 26 (October 1992) and 97: 11-13 (November 1992).

Smith, L.C., et al. "Telecommunications: Making Sense of New Technology and New Legislation." *Library Hi Tech*, No. 7: 105-109, 111, 1984.

Smith, L.C., et al. "Public Access to Library Automation." *Bulletin of the American Society for Information Science* 6(6): 28-30, August 1980.

Smith, L.C., et al. "The Role of the Library in an Electronic Society." *Bulletin of the American Society for Information Science* 6(2): 36-37, December 1979.

Smith, L.C., et al. "Problems and Failures in Library Automation." *Bulletin of the American Society for Information Science* 4(5): 29-31, June 1978.

Reports:

Abels, E.G.; Howarth, L.C.; Smith, L.C. *Envisioning Our Information Future and How to Educate for It*. Boston, MA; Toronto, ON; Champaign, IL: The #InfoFuture Project.

Smith, L.C. "From the President." *The Pipeline (Beta Phi Mu Newsletter)*. Spring/Summer 2017.

https://www.betaphimu.org/uploads/3/8/2/2/38222371/pipeline_spring_2017.pdf

Fall/Winter 2016.

http://www.betaphimu.org/uploads/3/8/2/2/38222371/fall_2016_pipeline_rev.pdf

Abels, E.G.; Howarth, L.C.; Smith, L.C. "How to Educate for Our Information Future." *American Libraries* 46(3/4): 41, March/April 2015.

Smith, L.C. "President's Page." *Bulletin of the American Society for Information Science and Technology*, 2011. 37(2): 3-5; 37(3): 3-4; 37(4): 3-4; 37(5): 4-5; 37(6): 3-4; 38(1): 3-4.

Ruan, L.; Smith, L.C. *A Survey to Support "Evidence-Based Practice" in Special Libraries Serving Fire Service Personnel and Researchers in Public Safety and Homeland Security Areas*. A report to the Special Libraries Association with the support of the Steven I. Goldspiel Memorial Research Grant, 2004. 119p.

Regalbuto, J. R. et al. *Teaching at an Internet Distance: the Pedagogy of Online Teaching and Learning*. Report of a 1998-1999 University of Illinois Faculty Seminar. December 7, 1999.

Lancaster, F.W.; Smith, L.C. *Potential Applications of Artificial Intelligence, Expert Systems and Related Technologies within the Special Library Environment*. A report to the Special Libraries Association with the support of the Steven I. Goldspiel Memorial Research Grant, May 1997. 172p.

Herner, S.; Lancaster, F.W.; Smith, L.C.; Allen, B.; Ulvila, J.; Humphrey, S.M.; Wright, N.D. *Design for a Study to Evaluate the MedIndEx Approach to Subject Indexing*. Bethesda, MD: National Library of Medicine, 1993 July. 142p. (PB93-236016).

Lancaster, F.W.; Smith, L.C. *Compatibility Issues Affecting Information Systems and Services*. Paris: General Information Programme and UNISIST, Unesco, September 1983. 209p. (PGI-83/WS/23). [Bibliography reprinted in: *Information Reports and Bibliographies* 15(6): 2-14, 1986.]

Williams, M.E.; Smith, L.C.; Wang, S-C. *MARC Database Statistics: An Aid to BSDP Participants Covering Volumes 1 through 8 of the LC MARC Database BOOKSALL*. Final report, 1982. 160p.

Book reviews:

- Smith, L.C. "Review of *Electronic Information Delivery: Ensuring Quality and Value.*" *Journal of Academic Librarianship* 23(4): 328, July 1997.
- Smith, L.C. "Review of Blaise Cronin's *The Scholar's Courtesy: the Role of Acknowledgement in the Primary Communication Process.*" *Journal of Documentation* 53(2): 208-210, March 1997.
- Smith, L.C. "Review of *The Online Manual: A Practical Guide to Business Databases.*" *Online & CDRom Review* 19(6): 350-351, December 1995.
- Smith, L.C. "Review of *Reference and Information Services in Health Sciences Libraries.*" *Bulletin of the Medical Library Association* 83(1): 104-105, January 1995.
- Smith, L.C. "Review of Virginia Cano's *Citation Life Cycle: Use of Citations through Time.*" *Library and Information Science Research* 16(1): 69-71, Winter 1994.
- Smith, L.C. "Review of Gary Cleveland's *Research Networks and Libraries: Applications and Issues for a Global Information Network.*" *Internet Research: Electronic Networking Applications and Policy* 3(1): 72-74, Spring 1993.
- Smith, L.C. "Review of Martin Dillon's *Interfaces for Information Retrieval and Online Systems: The State of the Art.*" *Database* 15(6): 88-89, December 1992.
- Smith, L.C. "Review of Stan Schatt's *Understanding Local Area Networks.*" *Library and Information Science Annual* 5: 141-142, 1989.
- Smith, L.C. "Review of Ching-chih Chen and Peter Herson's *Numeric Databases.*" *Bulletin of the Medical Library Association* 73(1):77-78, January 1985.
- Smith, L.C. "Review of Joseph R. Matthews' *Public Access to Online Catalogs: A Planning Guide for Managers.*" *RQ* 22(4): 436-437, Summer 1983.
- Smith, L.C. "Review of Elizabeth P. Hartner's *An Introduction to Automated Literature Searching.*" *American Journal of Pharmaceutical Education* 46: 435, Winter 1982.
- Smith, L.C. "Data Base Directories: A Comparative Review." *Reference Services Review* 8(4): 15-21, October-December 1980.
- Smith, L.C. "Review of Andrew E. Wessel's *Computer-Aided Information Retrieval.*" *ACM SIGIR Forum* 11(3): 12-13, Winter 1976.
- Smith, L.C. "Review of Lauren B. Doyle's *Information Retrieval and Processing* and C.J. van Rijsbergen's *Information Retrieval.*" *ACM SIGIR Forum* 11(2): 7-9, Fall 1976.

Special issues edited:

Served as guest editor for "Perspectives on Artificial Intelligence," a series of four papers which appeared in the September 1984 issue of the *Journal of the American Society for Information Science*.

Served as guest editor for “Artificial Intelligence,” a series of five papers which appeared in the August/September 1988 issue of the *Bulletin of the American Society for Information Science*.

FELLOWSHIPS AND GRANTS:

- IMLS Grant 2014-2017, “Educate to Innovate: Re-visioning Library and Information Science Education” [Eileen Abels, Simmons College, PI]
- PITA Grant 2013, “Building Cultural Competency in the University Library and the Graduate School of Library and Information Science”
- Focal Point Grant 2013, “Access to Success: Developing Recruitment and Retention Strategies for Domestic Minorities in Online Graduate Education”
- IMLS Grant 2011-2014, “Mix IT Up! Youth Advocacy Librarianship” [Assumed PI Responsibilities for Rae-Anne Montague in January 2014; she remained co-PI]
- IMLS Grant 2011-2013, “Field Strength: Enhancing Collaboration in LIS Education with Field Experience”
- IMLS Grant 2007-2011, “Preparing Future Faculty: Enhancing the Doctoral Program at the University of Illinois at Urbana-Champaign”
- PITA Grant 2007, “Proposal to Host a Retreat for LEEP Faculty to Develop a Model of Best Practices for Online Education”
- IMLS Grant 2006-2009, “WISE+: Leveraging the Power of the Network to Increase the Diversity of LIS Curriculum” with Syracuse University.
- IMLS Grant 2004-2006, “WISE: Web-based Information Science Education: An Online Consortial Initiative to Build Multi-Institutional Capacity for Library and Information Science Education” with Syracuse University.
- IMLS Grant 2004-2007, “Building an Effective Digital Library Curriculum through Library School and Academic Library Partnerships” with Indiana University.
- PITA Grant 2004, “Addressing the Instructional Concerns of Non-Tenure Track Faculty, Teaching Assistants and Graduate Assistants”
- IMLS Grant 2004-2006, “Extending the Web of Our Future: Recruiting and Educating the Faculty Who Will Educate the Next Generation of Library Professionals (Project Athena)” with Florida State University, University of North Carolina-Chapel Hill, and the University of Washington.
- PITA Grant 2003, “Promoting Scholarship of Teaching and Learning through Action Research in the Library and Information Sciences”
- IMLS Grant 2002-2005, “Spinning the Web of Our Future: An Education and Training Project to Identify, Recruit and Educate the LIS Professoriate of the 21st Century (Project Athena)” with Florida State University and the University of Washington
- PITA Grant 2002, “Proposal on Improving Undergraduate Instruction in the Information Curricula”
- PITA Grant 2001, “Proposal to Host a Conference for LEEP Faculty and Students to Develop a Model of Best Practices for Online Education”
- PITA Grant 2001, “Proposal to Develop an Alliance for Teaching Excellence: A Partnership of GSLIS and the University Library”
- Steven I. Goldspiel Memorial Research Grant, Special Libraries Association, 1996-1997 [with F.W. Lancaster]. “Potential Applications of Artificial Intelligence and Expert Systems Technology in the Special Library of the Future.” 2003-2004 [with Lian Ruan]. “A Survey to Support ‘Evidence-Based Practice’ in Special Libraries Serving Fire Service Personnel and Researchers in Public Safety and Homeland Security Areas”
- Information Science Abstracts Research Grant, 1996, “ISA and ARIST: Linkages to Enhance Literature Searching”
- Education and Training of Health Sciences Librarians Planning Grant, National Library of Medicine, “Interdisciplinary Multi-institutional Alliances in Support of Educational Programs for Health Sciences Librarians” (September 1995-September 1996)

ALISE Research Grant, 1993, “Interdisciplinarity in Schools of Library and Information Science”

Fellow, Program for the Study of Cultural Values and Ethics, UIUC, Fall 1992, “Knowbots, Expert Systems and Other Artificially Intelligent Agents: Ethical Issues for the Professions”

Council on Library Resources Grant, 1992, to support three preconference workshops at the 29th Annual Clinic on Library Applications of Data Processing, “Designing Information: New Roles for Librarians”

OCLC Grant, 1989-1990 [with K. L. Henderson and W. Mischo], “Toward Integration of Online Resources: Development of Procedures for Linking Database References to Records in Online Catalogs and OCLC”

Council on Library Resources Grant, 1986 [with W. Mischo and M. Williams], “Online Catalog Interface Enhancements to Provide Expanded Subject Access Through External Bibliographic Databases”

Project EXCEL Grant, UIUC, Spring 1985, “An Experiment in Student Use of Microcomputer Interfaces to Information Retrieval Systems”

Travel Assistance Grant, NORDINFO, Spring 1985 (to visit library schools in Denmark, Finland, Norway, and Sweden)

Research Initiation Grant, National Science Foundation, Division of Information Science and Technology, “Development of a Taxonomy of Representations in Information Retrieval System Design” (August 1982-August 1983)

Research Board award, Spring 1983 (graduate assistant), “Implementation of Text and Graphics Entry System for a Literature Expert System”

Research Board award, Fall 1982 (graduate assistant and funds for a terminal), “Representation of Graphics in a Literature Expert System”

Fellow, Center for Advanced Study, UIUC, Spring 1981

Research Board award, Spring 1981 (graduate assistant and funds for online searching), “Artificial Intelligence in Information Systems: a Comparative Assessment”

Travel Assistance Grants, National Science Foundation, May 1980, May 1982 (to attend conferences in Cambridge and Berlin)

Scholars’ Travel Fund Grant, December 1978, July 1983, July 1986, July 1988, July 1991, June 1998, July 1999

Graduate Fellowship, Syracuse University, 1975-1977

President’s Fellowship, Georgia Institute of Technology, 1973-1974

University Fellowship, University of Illinois, 1971-1972

REVIEWING:

Reviewer of research proposals for:

Division of Information Science and Technology, National Science Foundation, 1978-1987

Panel member for review of Special Research Initiation Awards, November 1982

Division of Information, Robotics and Intelligent Systems, 1989

Department of Education College Library Technology and Cooperation Grants Program, 1990

Institute of Museum and Library Services, 2017

OCLC Library and Information Science Research Grants Program, 1990

National Library of Medicine

UIUC Research Board

Reviewer of manuscripts for:

McGraw-Hill Book Company (1981)

National Institute of Education (1981)

Greenwood Press (1984, 1994)

Haworth Press (2003, 2005)

Routledge (2019)

National Online Meeting (1981, 1989, 1998)
Library and Information Technology Association National Conference (1983)
Medical Library Association Annual Meeting (1983)
Association for Information Science & Technology Annual Meeting (1986, 1988, 1989,
1990, 1992, 1993, 1995, 2006, 2010, 2012, 2020, 2021, 2022, 2023)
ACM SIGIR International Conference on Research and Development in Information
Retrieval (1993)
ACM Digital Libraries Conference (1997)
Association for Library and Information Science Education Annual Conference (1997,
1998, 2020, 2021, 2022, 2023)
Joint Conference on Digital Libraries (2007, 2008, 2009, 2010, 2011, 2012)
Library Research Seminar IV (2007)
iConference (2008, 2009, 2010)

Annual Review of Information Science and Technology
Bulletin of the Medical Library Association
Canadian Journal of Information Science
Collection Management
Communication Research, 1988 (special issue on “Bibliometric Methods for the Study of
Scholarly Communication”)
Information Processing and Management
Information Technology: Research and Development
International Information & Library Review
Journal of Education for Library and Information Science
Journal of Information Science
Journal of the American Medical Informatics Association
Journal of the Association for Information Science and Technology
Libraries and the Cultural Record
Library and Information Science Research
Library Quarterly
Online & CD-ROM Review
Online Review
Reference and User Services Quarterly
The Information Society

Bibliographic Editor, *Annual Review of Information Science and Technology*, 1990-2001

Editorial board, *Journal of the American Society for Information Science*, 1979-1984
Journal of Information Science, 1988-1993
Library Quarterly, 1990-2003
Scholarly Communication and Bibliometrics, 1990
Beta Phi Mu Monograph Series, 2010-2014; *Scholars Series*, 2014-

Oversight Committee, Individualized Instruction for Data Access Project, Drexel University,
1979 (NSF grant)

Member, Priscilla M. Mayden Award in Informatics Committee, 1985-1997

Member, Biomedical Library Review Committee, National Library of Medicine, 1986-1990

Member, concept review panel for the NIH Division of Research Grants Review
Administration Decision Index (RADIX) project, March 1993

Member, Discipline Peer Review Committee for the Fulbright Senior Specialists Program, 2003-2006

Member, Digital Reference Education Initiative Advisory Board, 2003-2005

Internet Public Library Fellow, advising on IMLS grant to Drexel University, 2007-2010

Member, Advisory Committee, Workforce Issues in Library and Information Science 2 (WILIS2): Implementing a Model for Career Tracking of LIS Graduates, UNC Chapel Hill, 2008-2011

Member, Reference Group for Australian Learning & Teaching Council (ALTC) Re-conceptualising and Re-positioning Australian Library and Information Science Education for the 21st Century, 2010-2011

Member, Advisory Board for University of Pittsburgh iSchool Inclusion Institute of Information Science, 2010-2011

Member, Advisory Board, Laura Bush 21st Century Librarian Program Evaluation, 2013

SUPERVISION OF GRADUATE STUDENT RESEARCH (since 1977):

Supervised six M.S. theses (Brian Anderson, Richard Beck, Charles Bellinger, Ross Parcels, Kenneth Quandt, Judith Siess)

Supervised eighteen (completed) CAS projects

Served on thirty (completed) CAS project committees

Supervised forty-seven (completed) Ph.D. dissertations as chair and/or director of research (Naomi Bloch, Susan Bonzi, Jana Bradley, Yunseon Choi, Anita Sundaram Coleman, Melissa Cragin, Hong Cui, Paige Cunningham, Virgil Diodato, Jianhua Dong, Jeanette Drone, Damian Duffy, Elizabeth Figa, Jeff Ginger, Christa Hardy, Qin He, Xiao Hu, Dianah T. Kacunguzi, David King, Martha Kyrillidou, Sarai Lastra, Wei Li, Tomas Lipinski, Rae-Anne Montague, Myrna Morales, Kinyetta Nance, Muzhgan Nazarova, Safiya Noble, Idrisa Pandit, Marina Pluzhenskaia, Sarah Roberts, Lian Ruan, Eun-Gyoung Seo, Mark Spasser, Kenneth Spelke, Miriam Sweeney, Xiaoya Tang, Carol Tenopir, Gail Thornburg, Ming-Yueh Tsay, LaTasha Velez, Melissa Villa-Nicholas, Danny Wallace, Amy Warner, Xin Xiang, Hong Zhang, Yuan Zhou)

Students receiving the ISI Information Science Doctoral Dissertation Scholarship administered by the American Society for Information Science include Susan Bonzi (1982), Carol Tenopir (1983), Danny Wallace (1984), and Gail Thornburg (1985).

Student receiving the UMI Doctoral Dissertation Award administered by the American Society for Information Science, Tomas Lipinski (1998).

Currently supervising one Ph.D. dissertation (Vukoni Lupa-Lasaga).

Served on eighty-four (completed) Ph.D. dissertation – (including one in business administration, two in computer science, one in elementary and early childhood education, one in curriculum & instruction, one in special education, one in labor and industrial relations, and one in social work; and four from other iSchools—Drexel (1), UNT (1), and UNC (2))

MEMBERSHIPS: Association for the Advancement of Artificial Intelligence (AAAI), 1980-

American Library Association (ALA), 2001-
Committee on Accreditation (2018-2022; chair 2021-2022)
Association of College & Research Libraries
Distance Learning Section
Science and Technology Section
Reference and User Services Association
Collection Development and Evaluation Section
Emerging Technologies in Reference Section
Reference Services Section
Library History Round Table
Library Research Round Table
Library Research Seminar VI Organizing Committee (2014)
World Book ALA Goal Award Jury (2005)

American Association for the Advancement of Science (AAAS), 1973-
Section T: Information, Computing and Communication Electorate Nominating
Committee, 1982-1984; Member-at-Large, 1985-1989; Chair-Elect, 1989; Chair, 1990;
Past Chair, 1991; Member-at-Large, 1994-1998
Member, 1991 Annual Meeting Program Committee

American Medical Informatics Association (AMIA), 1992-2019

Association for Information Science and Technology (ASIST), 1972-
Distinguished Member, 2021
Past-President, 2011-2012
President, 2010-2011
President-Elect, 2009-2010
Special Interest Groups:
Artificial Intelligence
Classification Research
Digital Libraries
Education for Information Science (Juror, Student Paper Contest, 1981; Juror, ISI
Information Science Doctoral Dissertation Scholarship, 1986, 1990, 1998; Chair-
Elect, 1986; Chair, 1987; Juror, Doctoral Forum, 1990; Juror, UMI Doctoral
Dissertation Award, 2003)
Health Informatics (Chair-elect, 1992-1993; Chair, 1993-1994)
History and Foundations of Information Science
International Information Issues
Scientific and Technical Information
Advisory Committee, *Annual Review of Information Science and Technology*, 1982-1986,
1988-1994
Conferences and Meetings Committee, 1988-1990
Constitution & Bylaws Committee, 2013-2017; Chair, 2014-2017
Membership Committee: Chair, Task Force on Student Involvement, 1978-1980
Education Committee, 1979-1983. (Juror, Outstanding Information Science Teacher
Award, 1980-1982, 2013, 2020)
ISI/ASIS&T Citation Analysis Award Jury (2003)
Research Committee, 1980-1984; 1986-1988; 1989-1992
Research Award jury (juror, 1994, 2001, 2002, 2003; Chair of Jury, 1995, 1996, 2004)
Pratt-Severn Best Student Research Paper Award jury (Chair, 1997)

Publications Committee, 1981-1982. (Chair of jury, Best *JASIS* Paper Award, 1980, 1981, 2016; Juror, 1982, 2003)
Awards and Honors Committee, 1990-1993 (Award of Merit Jury, 1991-1993, 2012-2013, 2020, Chair 2021; Best Information Science Book Award Jury Chair, 1992; Watson Davis Award Jury, 2013-2014)
Faculty Advisor, University of Illinois ASIS Student Chapter, 1977-1987, 1990-1991, 1995
Student Chapters Advisors' Representative to Chapter Assembly, 1980-1982
Student Chapter of the Year Award Jury, 2000
Special Consultant to ASIS President on Student Membership, 1979
Technical Program Chair, 17th ASIS Mid-Year Meeting, "Artificial Intelligence: Expert Systems and Other Applications" (May 15-18, 1988)
Organizer, ASIS Regional Miniconference on Student Research in Information Science (April 6, 1991)
Technical Program Committee member, 1996 ASIS Annual Meeting, Contributed Papers Coordinator
Budget and Finance Committee, 2010-2012
Nominations Committee Chair, 2011-2012
Online Education Task Force, 2011-2012
Web Presence Task Force, 2012-2013

Association for Computing Machinery (ACM), 1975-

Special Interest Groups:

Artificial Intelligence

Computer-Human Interaction

Hypertext, Hypermedia and Web

Information Retrieval (Secretary 1980-1983; Award Committee, 1983-1984; Program Committee SIGIR '93)

Information Technology Education

Knowledge Discovery and Data Mining

Association for Library and Information Science Education (ALISE), 1977-

Program Planning Committee, 1984, 2005, 2006, 2014 Annual Conferences

Secretary-Treasurer, 1988-1990

Resolutions Committee, 1991-1994; Chair, 1993-1994

Tellers Committee, 1992

Awards and Honors Committee, 1994-1995

Nominating Committee for 1997-1998 officers, 1996

Board Member, 2003-2005

ALISE Representative to the ALA Committee on Education, 2003-2005

ALISE Representative to the ALA Committee on Legislation LSTA Subcommittee, 2008-2011

Vice President/President Elect, 2008-2009; President, 2009-2010; Past President, 2010-2011

Governance Committee, 2010-2013

Centennial Committee, 2012-2013

JELIS Editor Search Committee, 2017-2018

Liaison for ALISE Conference Proceedings deposit in IDEALS, 2017-2018

ALISE Statistics Task Force, 2020

Beta Phi Mu

President-elect, 2015-2016; President, 2016-2017; Past President, 2017-2018

Alpha Chapter, 1972-

President, 2012-2013; Past President, 2013-2014; Secretary-Treasurer, 2014-

Health Science Librarians of Illinois (HSLI), 1981-

Illinois Library Association (ILA), 2001-

International Society for Knowledge Organization (ISKO), 2019-

Chapter for Canada and United States

ISKO 2020 Program Committee

Medical Library Association (MLA), 1973-

Caucuses: Medical Library Education; Research; International Cooperation; Medical Informatics; Public Services

Research Committee, 1983-1984

Consulting Editors Panel, *Bulletin of the Medical Library Association*, 1985-1988

MLA representative to Section T, AAAS, 1995-1999

Task Force on Online Education, 2001-2003

MLA Representative to IFLA Fellowship for the Americas Committee, 2003-2004

Special Libraries Association (SLA), 1971-

Communities: Biomedical & Life Sciences; Information Technology; Science-Technology, Taxonomy; Illinois

Faculty Advisor, University of Illinois SLA Student Group, 1977-1998, 1999-

Student Relations Officer, 1980-1982

H. W. Wilson Company Award Committee, 1985-1987; Chair, 1986-1987

Online Users Group

COLUG (Chicago Online Users Group), 1978-1984

IHUG (Illinois Heartland Users Group), 1981-1991

Urbana-Champaign Online Users Group, 1977-1984. (Program Coordinator, 1978)

Friends Groups

Charles Babbage Institute (Minneapolis), Smithsonian Institution (Washington, DC),

University of Illinois Library (Urbana-Champaign), Library of Congress, National

Library of Medicine (Bethesda, MD), Urbana Free Library (Urbana, IL), WILL Public

Radio (Urbana-Champaign, IL)

COMMITTEES: School of Information Sciences, University of Illinois

Coordinator of Advanced Studies, 1985-1988; 1991-1992; 1995-1996

Coordinator, Teaching Alliance, 2001-2008

Admissions Committee, 1989-1991; 2001-2003

Advanced Studies Committee, 1983-1984; 1985-1988; 1990-1996

Chair, 1985-1988; 1991-1992; 1995-1996

Affirmative Action Officer, 1983-1984; 1985-1986; 1990-1992

Bylaws, 2021-2022

Campaign Advisory Group, 2006-2012

Curriculum Committee, 1977-1983; 2000-2001; 2003-2019; Chair, 1979-1980

Diversity Committee, 2014-

Executive Committee, 1979-1981; 1983-1984; 1985-1987; 1988; 1989-1991; 1992-1994; 1996-

Lecture Committee, 2004-2008; Awards & Lectures Committee, 2020-2022

Library and Learning Resources Lab Committee, 1983-1984; 1995-1996

Library and Information Science Library Liaison, 1998-2004; 2008-2010

Publications Committee, 1979-1984

Planning Committee, Annual Clinic on Library Applications of Data Processing:
15th (1978), 17th (1980), 18th (1981, Chairman), 19th (1982), 20th (1983,
Chairman), 22nd (1985), 23rd (1986), 24th (1987, Chairman), 25th (1988), 27th
(1990, Co-Chairman), 29th (1992, Co-Chairman), 32nd (1995, Co-Chairman)
Planning Committee, Windsor Lecture, 1990
Task Force on Inclusion, 2012-2013

Graduate Faculty, 1980-

Urbana-Champaign Senate

Committee on Continuing Education and Public Service, 1978-1980
Senate Budget Committee, 1997-1999
Senate Library Committee, 1997-2000
Senate Review Commission, 1999-2000
Committee on Committees, 2000-2001
Global Campus Taskforce, 2006

Lincoln Trail Libraries System Interlibrary Cooperative Advisory Committee, 1980

Chancellor's Allerton Conference Planning Committee, 1984-1985

Educational Technologies Board, 1990-1993; 2003-2006; Chair, 2005-2006

Professional Graduate Studies Area Subcommittee of the Graduate College, 1991-1993;
1996-1998

Graduate College Grievance Committee, 1993-1994

Graduate College LEEP3 Oversight Committee, 1996-2000

Research Services Office Advisory Committee, 1992-1994

Advanced Information Technologies Group, 1994-1998

Budget Strategies Committee, 1995-1997

Ad Hoc Committee to Evaluate the C. Walter and Gerda B. Mortenson Center for
International Library Programs, 1996

Mortenson Center Advisory Committee, 1997-1999

Accreditation Self-Study Committee, 1997-1999

Deans' Budget Committee, 1997-1998

Campus Budget Oversight Committee, 1998-2001; Chair 2000-2001

EON (Evaluation Online) Advisory Board, 2001-2002

U of I Online Steering Committee, 2001-2003

U of I Online Management Team, 2003-2009

Illini Union Bookstore Faculty Liaison Committee, 2001-2013

Library Long-Range Advisory Committee, 2001-2004

Campus Award for Excellence in Public Engagement Selection Committee, 2004

Online Learning Symposium Planning Committee, 2004-2009

Teaching Academy Leadership Network, 2004-2008

Global Campus Initiative, Administrative Structure Subcommittee, 2005-2006

Distance Learning Advisory Committee, 2006-2010

Information Technology Advisory Board Learning Technologies Subcommittee, 2006-2007

Online ICES Advisory Group, 2006-2008

Diversity Initiatives Committee, 2007-2008

Committee on Extended Education and External Degrees (CEEED), 2007-2016; Chair, 2007-2016
Working Group on Online Graduate Education, 2012-2013

Campus Award for Excellence in Off Campus Teaching Selection Committee, 2008, 2017

Library New Service Models, Communications/LIS Library Team, 2008-2009

Electronic Theses and Dissertations Advisory Committee, 2008-2011

Library New Service Models, Health Information Services Planning Team, Chair, 2009-2010

Campus Committee on Promotion and Tenure, 2009-2012; Chair, 2010-2012

Promotion & Tenure Off-cycle Review Committee, 2012-2017

Stewarding Excellence @ Illinois
Campus Steering Committee, 2009-2011
Campus Advisory Committee, 2009-2011

Summit on Online Education Planning Committee, 2011-2015

Massive Open Online Course (MOOC) Review Committee, 2012-2014

Search Committee, University Librarian and Dean of Libraries, 2012-2013

Annual Faculty Retreat Planning Committee, 2013

DRIVE (Diversity Realized at Illinois through Visioning Future Excellence) Committee, 2013-2019

MOOC and Online Strategy Advisory Committee, 2014-2018

Search Committee for Mortenson Center Director, 2014

Assessment Working Group, 2014-2017

Ambassadors for Diversity and Access in Graduate Education, 2014-2016

Online Learning Operations Advisory Committee, 2015-2018

Task Force on Campus Approval Processes for Educational Programs, 2015

Search Committee for Research Integrity Officer, 2015

Campus Budget Advisory Task Force, 2015-2016

Council for Learning Outcomes Assessment, 2015-2019

Search Committee for Assistant Provost for Educational Innovation, 2016

Search Committee for Vice Chancellor for Diversity, Equity and Inclusion, 2018-2019

Search Committee for Dean, School of Information Sciences, 2018

Core Reaccreditation Leadership Team, 2018-2019; Criterion 4 Working Group

INVITED TALKS:

1979

January 11: AALS Annual Conference Research Reports, "Query Formulation as Problem Reduction"

1980

April 3: St. Louis Medical Librarians, "Online Systems in the Future: A Review of Current Research"

October 3: Medical Library Association Midcontinental and Midwest Regional Groups, "Technology for the 80s"

October 23: ASIS Indiana Chapter, "User-oriented Online Systems"

1981

March 10: ASIS Chicago Chapter and Chicago Online Users Group, "Implications of Artificial Intelligence for Online Searching"

April 9: St. Olaf College Mathematics Colloquium, "Mathematical Models in Information Retrieval"

1983

September 13: Institute on Libraries and the Microcomputer, "Patron Searching of Bibliographic Data Bases (Consumer Version): An Introduction to BRS/After Dark and Knowledge Index" and "An Introduction to the Information Utilities (Commercial Data Bases): CompuServe and The Source"

1984

September 27: OCLC Research Seminar, "Artificial Intelligence: Implications for Libraries and Information Systems"

October 5: Symposium on Computer Interfaces and Intermediaries for Information Retrieval, "Artificial Intelligence, Future Directions"

October 29-30: 2nd Annual Libraries and the Microcomputer: A Midwest Institute and Microcomputer Fair, "CompuServe, The Source, and Dow Jones News/Retrieval: A

Comparison of Three Online Information Utilities”; “BRS/After Dark, BRS Colleague, and Knowledge Index: A Comparison of the Consumer Versions of BRS and DIALOG Data Base Services”; and “User Interfaces: Microcomputer Software to Facilitate Online Data Base Searching”

1985

- February 25: Linköping University Library, “Characteristics of Library Education in the US”
March 4: Linköping University Library, “Science Reference in Transition”
March 7-8: Statens Bibliotekshogskole (Norwegian library school), Oslo, “Artificial Intelligence Applications in Information Retrieval”; “Artificial Intelligence and Knowledge Representation”
March 14: Stockholms Biblioteksvetenskapliga Seminarium, Royal Institute of Technology Library, Stockholm, “Information Retrieval as an Application Domain for Artificial Intelligence”
March 19: Department of Computer and Information Science, Linköping University, “From Memex to Procognitive Systems to Expert Systems: Information Retrieval as an Application Domain for Artificial Intelligence”
March 25: Linköping University Library, “Information Retrieval: History and Current Research”
April 22-23: Department of Library and Information Science, Åbo Akademi, Åbo, Finland, “Research Methods”; “Electronic Publications and Libraries”
April 24-25: Department of Library and Information Science, University of Tampere, Tampere, Finland, “Citation Analysis”; “Information Retrieval as an Application Domain for Artificial Intelligence”
May 2, 14, 28: Institutionen Bibliotekshögskolan (Swedish library school), Borås, “Introduction to Vocabulary Control and Thesaurus Construction”; “Natural Language Systems and Automatic Techniques for Vocabulary Control”; “Computers and Collection Management”

1986

- January 16: Association for Library and Information Science Education (ALISE) Annual Conference, “Artificial Intelligence: Relevance to Library and Information Science”
April 22: 23rd Annual Clinic on Library Applications of Data Processing, “User-Friendly Future: Applications of New Information Technology”
May 29: 2nd Conference on Computer Interfaces and Intermediaries for Information Retrieval, “Machine Intelligence vs. Machine-Aided Intelligence as a Basis for Interface Design”
November 17: Columbia University School of Library Service, “Artificial Intelligence”

1987

- February 25: INFOFAIR '87, University of Utah, “Front End Systems for Searching Databases: What’s Gained, What’s Lost”
July 20-24: Taught minicourse, University of Michigan School of Information and Library Studies, “Artificial Intelligence in Information Systems: Threat or Opportunity?”
November 16: University of North Carolina School of Library Science, “Librarians as Designers and Critical Consumers of Information Technology”

1988

- February 25: University of Toronto Faculty of Library and Information Science, “Artificial Intelligence, Information Retrieval, and End Users”
April 17: 25th Annual Clinic on Library Applications of Data Processing, “From Data Processing to Knowledge Engineering: The Impact of Automation on Public Services”

October 8: Dieter P. Lotze Memorial Symposium on Science and Literature, Allegheny College, “Wholly New Forms of Encyclopedias’: Electronic Knowledge in the Form of Hypertext”

1989

March 14: Department of Computer and Information Science, Linköping University, “Design, Development and Evaluation of Expert Search Intermediary Systems”

March 29: Bibliotekshögskolan (Swedish library school), Borås, “Research Methodologies in Library and Information Science”

April 10: Linköping University Library, “Approaches to End User Searching”

1990

June 16: Physics Department, Allegheny College, “Information Sources in Physics: Past, Present, Future”

November 7: American Society for Information Science Annual Meeting, “Artificial Intelligence and Expert Systems: Ten Years Later”

1991

January 10: Association for Library and Information Science Education (ALISE) Annual Conference, “Network Access to Information Resources”

March 13: Library Research Colloquium, UIUC Library, “Modeling Expertise in Interpretation and Conversion of Bibliographic References”

April 15: American Chemical Society/Division of Chemical Information Meeting, “Modeling Expertise in Interpretation and Conversion of Bibliographic References”

October 30: American Society for Information Science Annual Meeting, “The Influence of Memex on Information Retrieval Research and Development”

December 16: Hypertext '91, speaker in a session “From Memex to Hypertext: Understanding the Influence of Vannevar Bush”

1992

December 17: Program for the Study of Cultural Values and Ethics, UIUC, “Knowbots, Expert Systems, and Other Intelligent Agents: Ethical Issues for the Professions”

1993

January 21: ALISE Annual Conference. “Interdisciplinarity in Schools of Library and Information Science: Research Plan”

February 18: Human-Computer Interaction Interest Group, UIUC. “Knowbots, Expert Systems and Other Intelligent Agents: Ethical Issues for the Professions”

September 21: ASIS Chicago Chapter, “Knowbots, Expert Systems and Other AI Agents: Issues of Ethics for the Profession”

October 28: American Society for Information Science Annual Meeting, “Knowbots, Expert Systems and Other Artificially Intelligent Agents: Ethical Issues for the Professions”

1994

February 2: ALISE Annual Conference, “Interdisciplinarity in Library and Information Science Education and Research”

February 9: Program for the Study of Cultural Values and Ethics panel series, UIUC, speaker in a session “Do Computers Reduce Productivity?”

October 20: Institute for Language Technology and Artificial Intelligence, Tilburg University, “Division of Labor between Man and Machine in Information Retrieval”

1996

November 1: Library Research Seminar 1, “Interdisciplinarity in Library and Information Science Education and Research”

1997

- June 9: Special Libraries Association Annual Conference, "Potential Applications of Artificial Intelligence, Expert Systems and Related Technologies within the Special Library Environment"
- October 28: Illinois Library Association Conference, "New Approaches to Delivering Graduate Library Education in Illinois"

1999

- June 26: American Library Association Annual Conference, "LEEP3: An Internet-Based Program for Graduate Professional Education" (with Jill Gengler)
- October 31: American Society for Information Science Annual Conference, "Track Overview: Knowledge Discovery, Capture and Creation"

2000

- January 12: ALISE Annual Conference, "LIS Education through Distance Mode: Experience of the IGNOU" (with Uma Kanjilal); "Using the Right Tool for the Job: Synchronous vs. Asynchronous Communication" (with Christine Jenkins)
- July 8: American Library Association Annual Conference, "Master's Degrees via Distance Learning"
- September 17: Sloan ALN Workshop 2000, "Faculty Satisfaction in LEEP: a Web-based Graduate Degree Program in Library and Information Science"

2001

- January 10: ALISE Annual Conference, "Teaching Online: Changing Models of Teaching and Learning in LEEP"
- May 2: inFIRE Conference, "Approaches to Continuing Professional Development for the Special Librarian in the Internet Age"
- August 9: Digital Libraries and Education, "Lessons Learned from Distance Education"

2002

- June 15: American Library Association Annual Conference, "UIUC Alliance for Teaching Excellence: A Partnership of GSLIS and the University Library" (with Sue Searing and Jeni Weidenbenner)
- August 2: Digital Reference Research Symposium, "Education for Digital Reference Services"
- October 9: Allegheny College Pelletier Library Lecture, "Making Connections: Librarianship and Interdisciplinarity"
- November 8: MAALL/CALL Conference, "Making the Connection: Library (and Information) Science Education: Then and Now"

2003

- January 22: ALISE Annual Conference, "Digital Reference: Joint Definition of a Research Agenda for Researchers and Practitioners" (with R. David Lankes)

2004

- January 6: ALISE Annual Conference, "Connecting Across Campuses: Key Issues in Establishing Collaborative Inter-Institutional Agreements for Online Education" (one of five panelists)
- January 8: ALISE Annual Conference, "Partnering for Faculty Development: LIS and the Teaching Academy" (with Sue Searing and Lisa Hinchliffe)

- 2005
June 6: SLA Annual Conference, “A Survey to Support 'Evidence-Based Practice' in Special Libraries Serving Fire Service Personnel and Researchers in Public Safety and Homeland Security Areas” (with Lian Ruan)
- 2006
November 8: ASIS&T Annual Conference, “Long Term Outcomes of Web-based Distance Learning Programs” (one of three panelists)
- 2008
June 20: Joint Conference on Digital Libraries, “Developing an Effective Data Curation Education Program”
- 2012
January 19: ALISE Annual Conference, “History of the Teaching of Reference Services”
- 2014
January 24: ALISE Annual Conference, “Partnering for Online Course Sharing: Lessons Learned by Schools Participating in the WISE Consortium”
- 2017
October 11: Illinois Library Association Annual Conference, “NextGen Graduates Rising Up: Aligning Their Skills & Your Needs” (one of two panelists)

INTERNATIONAL MEETINGS (1980-2019):

Attended the Joint BCS-ACM Symposium on Research and Development in Information Retrieval at St. John’s College, Cambridge, England, June 24-26, 1980. Presented a paper on “‘Memex’ as an Image of Potentiality in Information Retrieval Research and Development.”

Attended the Conference on Research and Development in Information Retrieval at the Technische Universität, Berlin, Germany, May 18-20, 1982. Presented a paper on “Machine Intelligence vs. Machine-Aided Intelligence in Information Retrieval: A Historical Perspective.”

Attended the First Meeting of the Working Group on Methods, Norms and Standards of Unesco’s General Information Programme at Unesco House, Paris, December 7-9, 1982. Together with F.W. Lancaster, discussed our draft report on “Compatibility Issues Affecting Information Systems and Services.”

Invited participant in the Round Table on the Planned International Conceptual Encyclopedia for the Social Sciences (INTERCOCTA Project) sponsored by Unesco and the International Social Science Council in Caracas, Venezuela, June 26-30, 1983. My role was to discuss issues of compatibility in the decentralized production of entries using computer technology.

Attended the 5th International Research Forum in Information Science, “Representation and Exchange of Knowledge as a Basis of Information Processes,” Heidelberg, Federal Republic of Germany, September 5-7, 1983. Presented a paper on “Development of a Taxonomy of Representations in Information Retrieval System Design.”

Attended AISB85, “Artificial Intelligence and Its Applications,” University of Warwick, England, April 10-12, 1985.

Attended “Informatics 8: Advances in Intelligent Retrieval,” Wadham College, Oxford, England, April 16-17, 1985. Presented a paper on “Procognitive Systems: Retrospect and Prospect.”

Attended the “Seminar on Information Technology as a Tool for Information Use,” Danmarks Biblioteksskole (the Danish library school), Copenhagen, May 8-10, 1985. Presented a paper on “Knowledge-based Systems, Artificial Intelligence, and Human Factors.”

Attended annual conference of Sveriges Allmänna Biblioteksförening (the Swedish Library Association), Falun, Sweden, June 9-10, 1985. Presented a paper on “Library Research and Information Technology.”

Attended the 10th Cranfield Conference on Mechanised Information Transfer, Cranfield Institute of Technology, United Kingdom, July 22-25, 1986. Presented a paper on “Front-end Systems: Enhancements of or Restrictions on Access?”

Attended the 44th FID Conference and Congress, Helsinki, Finland, August 28-September 1, 1988. Presented a keynote speech entitled “Wholly New Forms of Encyclopedias’: Electronic Knowledge in the Form of Hypertext.”

Attended the 17th Consultative Meeting of INIS Liaison Officers, Vienna, May 16-19, 1989 as one of six invited experts. Presented a paper on “Expert Systems” and participated in panel discussions on new developments in information technology and the implications of these developments for systems like INIS (International Nuclear Information System).

Attended the 5th International Study Conference on Classification Research, Toronto, Canada, June 24-28, 1991. Presented a paper on “UNISIST Revisited: Compatibility in the Context of Collaboratories.”

Attended the International Conference on Conceptions of Library and Information Science, Tampere, Finland, August 26-28, 1991. Presented a paper on “Interdisciplinarity: Approaches to Understanding Library and Information Science as an Interdisciplinary Field.”

Attended Expanding Access to Science and Technology: The Role of Information Technologies, Kyoto, Japan, May 12-14, 1992. Presented a paper on “Computerized Front-Ends in Retrieval Systems.”

Attended conference on The Electronic Environment of Academic Libraries and Information Centres in Europe, University College Dublin, September 8-11, 1994.

Attended Wij Geven Kennis, Amsterdam, November 22-23, 1994 (sponsored by SURFnet and Pica on information, communication and networking for Dutch higher education and research).

Attended StinfoN 94, Derde Interdisciplinaire Onderzoekconferentie Informatiewetenschap, Tilburg, The Netherlands, December 16, 1994 (sponsored by Stichting Informatiewetenschap Nederland, the Dutch Information Science Society).

Attended the International Summer School on the Digital Library, Tilburg University, The Netherlands, August 4-16, 1996.

Attended the 6th European Conference of Medical and Health Libraries, Utrecht, The Netherlands, June 24-27, 1998. Presented a paper on “Education for Health Sciences Librarians: Past, Present and Future Possibilities.”

Attended the German-Dutch University Conference on Information Specialists for the 21st Century, Hannover, Germany, October 14-15, 1999. Presented a paper on “Pedagogy in Educating Information Specialists: Lessons Learned from Internet-Based Distance Education.”

Attended IFLA-EUCLID Satellite Meeting, Cooperation and Collaboration in Teaching and Research: Trends in Library & Information Studies Education, Borås, Sweden, August 8-9, 2010. Presented a paper on “WISE+ Course Development Partnerships: Collaboration, Innovation and Sustainability.”

Attended ISKO UK 2019 The Human Position in an Artificial World: Creativity, Ethics, and AI in Knowledge Organization, London, England, July 15-16, 2019. Presented a poster on “Artificial Intelligence in Information Retrieval: Forty Years On.”

Attended LibPMC International Conference on Performance Measurement in Libraries: Data and Analytics: Changing the Information Landscape, Aberystwyth, Wales, July 23-25, 2019. Presented a paper on “From Measurement and Evaluation to Data Analytics: Changes in Curriculum to Prepare Library Professionals.”